

American University Catalog

2013–2014 Edition

effective Fall 2013

Washington, DC

Limitations on Catalog Provisions

American University reserves the right to amend the policies and information contained in the University Catalog from time to time, with or without notice. It is the student's responsibility to obtain the most current information regarding their programs of study, courses, and related university policies and to comply with applicable requirements. For assistance with understanding university policies and procedures, please contact the Office of the University Registrar at record_services@american.edu.

Nondiscrimination and Equal Opportunity

American University is an equal opportunity, affirmative action institution that operates in compliance with applicable laws and regulations. The university prohibits discrimination and discriminatory harassment (including sexual harassment and sexual violence) against any AU community member on the basis of race, color, national origin, religion, sex (including pregnancy), age, sexual orientation, disability, marital status, personal appearance, gender identity and expression, family responsibilities, political affiliation, source of income, veteran status, an individual's genetic information, or any other bases under federal or local laws (collectively "Protected Bases"). For information, contact the Dean of Students (dos@american.edu), Assistant Vice President of Human Resources (employeerelations@american.edu), or Dean of Academic Affairs (academicaffairs@american.edu); write American University, 4400 Massachusetts Avenue, NW, Washington, DC 20016; or call 202-885-1000.

University Liability

Faculty, students, staff, and guests ("AU Community Members") are responsible for their personal property. The university does not insure the personal property of any AU Community Member. The university has no responsibility for any theft, damage, destruction, loss, etc., of any personal property, including but not limited to money, valuables, equipment, or any personal property whatsoever belonging to or in the custody of the AU Community Member, whether caused by intentional or negligent act or failure to act or natural causes, fire, or other casualty. The university is not liable for the failure or interruption of utilities or from conditions resulting from failure or interruption of the same. AU Community Members are advised to carry an insurance policy for their personal property.

Contents

University Administration and Board of Trustees	2	College of Arts and Sciences	81
Accreditation and Licensure Information	3	African American and African Diaspora Studies	83
Academic Calendar	4	American Studies	84
Academic Programs	7	Anthropology	85
American University General Information	11	Arab World Studies	89
University Profile	11	Art	91
AU Abroad/Abroad at AU	15	Asian Studies	98
Campus Life	15	Biology	101
Career Services, Internships, and Merit Awards	20	Chemistry	104
Admissions	23	Computer Science	107
Undergraduate Admission Requirements	23	Economics	111
Graduate Admission Requirements	26	School of Education, Teaching and Health	121
International Student Admission	27	Environmental Science	139
Registration, Tuition and Expenses, and Financial Aid.	29	History	144
Registration	29	Israel Studies	147
Tuition, Fees, and Other Charges	36	Jewish Studies	147
Undergraduate Financial Aid	40	Liberal Studies	149
Graduate Financial Aid	43	Literature	150
Veterans' Benefits	45	Mathematics and Statistics	154
University Regulations and Policies	47	Multi-Ethnic Studies	162
Academic Integrity Code	47	North American Studies	162
Student Academic Grievance Policy	47	Performing Arts	163
Student Records	48	Philosophy and Religion	172
Other University Regulations and Policies	51	Physics	176
Undergraduate Rules and Regulations	55	Preprofessional Programs	179
Undergraduate Academic Standards	55	Psychology	182
Undergraduate Degree Regulations	56	Public Health	188
Undergraduate Degree Requirements	61	Sociology	191
General Education Program	62	Teaching English to Speakers of Other Languages	194
Undergraduate Academic Honors	70	Women's, Gender, and Sexuality Studies	197
Graduate Rules and Regulations	71	World Languages and Cultures	200
Graduate Academic Regulations	71	Kogod School of Business	209
Master's Degree Requirements	76	School of Communication	239
Graduate Certificate Programs	77	School of International Service	259
PhD Degree Requirements	78	School of Professional and Extended Studies	295
		School of Public Affairs	301
		Government	304
		Justice, Law and Society	312
		Public Administration and Policy	319
		Washington College of Law	331
		Course Descriptions	333
		Faculty, 2012–2013	509
		Index	549
		Office Directory	557
		Campus Map	inside back cover

University Administration

Cornelius M. Kerwin,* *President*
Scott A. Bass, *Provost*
Teresa Flannery, *Vice President of Communication*
Gail S. Hanson, *Vice President of Campus Life*
Mary E. Kennard, *Vice President, General Counsel, and Secretary, Board of Trustees*
Thomas J. Minar, *Vice President of Development and Alumni Relations*
Donald L. Myers,* *Chief Financial Officer, Vice President and Treasurer*
David E. Taylor, *Chief of Staff*

Phyllis A. Peres, *Senior Vice Provost and Dean of Academic Affairs*
Michael J. Ginzberg, *Dean, Kogod School of Business*
James M. Goldgeier, *Dean, School of International Service*
Claudio M. Grossman, *Dean, Washington College of Law*
Barbara S. Romzek, *Dean, School of Public Affairs*
Jeffrey Rutenbeck, *Dean, School of Communication*
Peter Starr, *Dean, College of Arts and Sciences*
Carola Weil, *Dean, School of Professional and Extended Studies*
Nancy Davenport, *University Librarian*

* Alumna/alumnus of American University

Board of Trustees

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Accreditation and Licensure Information

American University is accredited by the Middle States Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104, 267-284-5000. The Middle States Commission on Higher Education is an institutional accrediting agency recognized by the US Secretary of Education and the Council for Higher Education Accreditation (CHEA). For more information about American University's Middle States accreditation, go to: www.msche.org/institutions_view.asp?idinstitution=13.

American University is recognized as church-related by the University Senate of the United Methodist Church.

A number of programs are individually accredited by, or are members of, professional organizations:

- The Department of Chemistry at American University is accredited by the American Chemical Society (ACS), a specialized accrediting agency recognized by the US Department of Education.
- The School of Education, Teaching, and Health at American University is accredited by the National Council for Accreditation of Teacher Education (NCATE), a specialized accrediting agency recognized by the US Department of Education and the Council for Higher Education Accreditation. The School of Education, Teaching and Health, is also accredited by the National Association of State Directors of Teacher Education and Certification (NASDTEC), a specialized accrediting agency recognized by the Council for Higher Education Accreditation (both elementary and secondary).
- The music program of the Department of Performing Arts at American University is an accredited institutional member of the National Association of Schools of Music, a specialized accrediting agency recognized by the US Department of Education and the Council for Higher Education Accreditation.
- The doctoral program in clinical psychology of the Department of Psychology at American University is accredited by the American Psychological Association, a specialized accrediting agency recognized by the US Department of Education and the Council for Higher Education Accreditation.
- The School of Communication at American University is accredited by the Accrediting Council on Education in Journalism and Mass Communication, a specialized accrediting agency recognized by the Council for Higher Education Accreditation.
- The Kogod School of Business at American University is accredited by AACSB International, the Association to Advance Collegiate Schools of Business, a specialized accrediting agency recognized by the Council for Higher Education Accreditation.
- The School of International Service at American University is a member of the Association of Professional Schools of International Affairs.

- The School of Public Affairs Department of Public Administration and Policy at American University is accredited by the Commission on Peer Review and Accreditation of the National Association of Schools of Public Affairs and Administration (NASPAA), a specialized accrediting agency recognized by the Council for Higher Education Accreditation, and authorized to accredit master/masters degrees in public affairs and administration. American University's School of Public Affairs is a member of the Association for Public Policy Analysis and Management (APPAM) and the Academy of Criminal Justice Sciences.
- The Washington College of Law at American University is approved by the American Bar Association (ABA) through ABA's Section of Legal Education and Admissions to the Bar, a specialized accrediting agency recognized by the US Department of Education. American University's Washington College of Law is a member of the Association of American Law Schools. The law school also meets the requirements for preparation for the bar in all states and carries the certification for the United States District Court for the District of Columbia and the New York State Department of Education.

American University is licensed by the State Council of Higher Education for Virginia, 101 N 14th Street, 9th floor, James Monroe Building, Richmond, VA 23219, Tel: 804-371-2285, Fax: 804-225-2604, Website: <http://schev.edu>.

For American University's conditional exemption from licensing in the District of Columbia, go to:

<http://osse.dc.gov/service/list-institutions-overseen-etc>.

State Authorization Information

As of the publication date of this catalog, the online programs of American University are currently authorized to operate, exempt or not subject to approval in: Alaska, Arizona, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, and Wyoming. The University will continue to monitor developments in state laws in each state in which it enrolls students and, if authorization or licensure is or becomes necessary, will obtain such additional approvals.

American University is certified to offer the degree of Master of Science in Finance in Virginia.

At this time, the online programs offered by American University are not accepting applications from potential students who are resident in the state of Alabama.

For the most current information about American University state authorizations, go to:

www.american.edu/academics/state-auth.cfm.

Academic Calendar 2013–2014

The Academic Calendar is divided into fall and spring semesters of approximately 15 weeks each and summer sessions of varying length. The last week of the fall and spring semesters is set aside for final examinations. The academic calendar for the Washington College of Law (WCL) of American University varies from this general schedule. For the full WCL academic calendar, please go to: www.wcl.american.edu/registrar/.

The holidays and vacations observed by the university are noted below. Spring break is the week following the spring semester midterm. Classes continue until 10:40 pm the evening before a holiday or vacation period.

Note: The refund/withdrawal schedule applies to all courses with a standard schedule during a regular semester (fall/spring). Refunds/withdrawals for courses on nonstandard schedules (including MBA modules), as well as all summer session courses, are calculated proportionately, based on the percentage of the course completed. For more information, please go to: www.american.edu/finance/studentaccounts/Refunds-for-Course-Drops-and-Withdrawals.cfm.

Note: For the complete Academic Calendar, including updates made after this catalog went to press, go to: www.american.edu/provost/registrar/schedule/academic-calendar.cfm.

Fall Semester 2013

August 1	Th	Payment due for fall 2013
August 17-25	S-Su	Welcome Week
August 23	F	Last day to register for fall without a late fee
August 26	M	Fall classes begin
		Late registration (with \$100 fee) begins
		Students begin submitting applications for fall graduation
August 30	F	Late registration for fall ends
September 1	Su	Undergraduate transfer spring 2014 semester admission application deadline for students living outside the United States
September 2	M	Labor Day; no classes, university offices closed
September 4	W	Mathematics Equivalency Examination
September 9	M	Last day to add a fall course, internship, independent reading or research project, or community service-learning project
		Last day to drop a fall course for a 100% refund and without a "W" recorded
September 16	M	Last day to drop a fall course for a 50% refund
September 23	M	Last day to drop a fall course for a 25% refund (no refunds after this date)
September 30	M	Early warning notices due in Registrar's Office
October 1	T	Freshman spring 2014 semester admission application deadline
October 11	F	Fall Break; no classes, university offices open
October 18	F	Last day to drop a fall course or change a grade option (mid-term)
October 18-20	F-Su	All-American Weekend
October 25	F	Spring 2014 priority registration for graduate students begins (payment due December 18, 2013)
October 26	S	Writing Proficiency Examination
October 28	M	Spring 2014 priority registration for undergraduate students begins (payment due December 18, 2013)
November 1	F	Undergraduate transfer spring 2014 semester admission application deadline for students living in the United States
November 8	F	Theses and dissertations due in deans' offices for fall degree candidates
November 15	F	Early Decision freshman fall 2014 semester admission/financial aid application deadline
November 26	T	Tuesday classes cancelled; Friday classes meet.
Nov. 27-Dec. 1	W-Su	Thanksgiving holiday; no classes; university offices closed Thursday and Friday
December 6	F	Fall classes end
		Theses and dissertations due in Registrar's Office for fall degree candidates
		Spring 2014 priority registration ends (payment due December 18, 2013, except undergraduate freshman payments due January 4, 2014)
		President's Receptions for August 2013 graduates and December 2013 applicants (rsvp required)

Fall Semester 2013 (cont.)

December 9-10	M-T	Fall final examinations
December 11	W	Fall study day; no classes
December 12-14	Th-S	Fall final examinations
December 16	M	Fall final examinations (for Wednesday classes)
December 12-19	Th-Th	Fall final grades due
December 18	W	Payment due for spring 2014 priority registration
December 19	Th	Official Degree Award Date (date that appears on December 2013 diplomas; no event associated with this date)
December 24- January 1	T-W	Winter break; university offices closed

Spring Semester 2014

January 4	S	Payment due for undergraduate freshman spring 2014 priority registration
January 9-12	Th-Su	Winter Welcome
January 10	F	Last day to register for spring without a late fee
January 13	M	Spring classes begin Late registration (with \$100 fee) begins Students begin submitting applications for spring graduation
January 15	W	Regular Decision freshman fall 2014 semester admission application deadline Early Decision II freshman fall 2014 semester admission and financial aid application deadline Early Decision I candidate reply date
January 17	F	Late registration for spring ends
January 20	M	Martin Luther King, Jr. Day; no classes, university offices closed
January 22	W	Mathematics Equivalency Examination
January 27	M	Last day to add a spring course, internship, independent reading or research project, or community service-learning project Last day to drop a spring course for a 100% refund and without a "W" recorded
February 1	S	Writing Proficiency Examination
February 3	M	Last day to drop a spring course for a 50% refund
February 10	M	Last day to drop a spring course for a 25% refund (no refunds after this date)
February 15	S	Freshman fall 2014 semester financial aid application deadline
February 17	M	Early warning notices due in Registrar's Office
March 1	S	Undergraduate transfer student admission and financial aid priority application deadline for fall 2014 semester Early Decision II candidate reply date
March 7	F	Last day to drop a spring class or change a grade option (mid-term)
March 9-16	Su-Su	Spring break; no classes, university offices open Monday through Friday
March 21	F	Fall 2014 priority registration for graduate students begins (payment due August 1, 2014)
March 22	S	Writing Proficiency Examination
March 24	M	Fall 2014 priority registration for undergraduate students begins (payment due August 1, 2014) Summer 2014 registration begins (payment due May 1, 2014)
March 31	M	Theses and dissertations due in deans' offices for spring degree candidates
April 1	T	Summer 2014 admission application deadline for students living in the United States
April 28	M	Spring classes end Theses and dissertations due in Registrar's Office for spring degree candidates

Spring Semester 2014 (cont.)

April 29	T	Spring study day; no classes
April 30-May 6	W-T	Spring final examinations
May 1	Th	Payment due for summer sessions 2014 Financial aid application deadline for fall 2014 continuing undergraduate students Undergraduate transfer fall 2014 semester admission application deadline for students living outside the United States Candidates' reply date for Regular Decision freshmen
May 3-9	S-F	Spring final grades due
May 9	F	Commencement Weekend Activities
May 10	S	Commencement Ceremonies: School of Communication (9:00 am) Kogod School of Business (1:00 pm) School of International Service (4:30 pm)
May 11	Su	Commencement Ceremonies: School of Public Affairs (9:00 am) College of Arts and Sciences (1:00 pm)
May 11	Su	Official Degree Award Date

Summer Sessions 2014

For summer 2014 add/drop, withdrawal, and refund dates, see www.american.edu/summer/index.cfm

May 12	M	7-week (A) and Online Learning I (E) sessions begin Students begin submitting applications for summer graduation
May 19	M	First 6-week (B) and 3-week (C) sessions begin
May 23	F	Last day to add a summer internship, independent reading or research project, or community-service-learning project
May 26	M	Memorial Day; no classes, university offices closed
May 31	S	Writing Proficiency Examination
June 5	Th	3-week (C) session ends
June 26	Th	7-week (A), first 6-week (B), and Online Learning I (E) sessions end
June 30	M	Second 6-week (D) and Online Learning II (F) sessions begin
July 1	T	Undergraduate transfer fall 2014 semester admission application deadline for students living in the United States
July 3	Th	Fall 2014 priority registration ends (payment due August 1, 2014)
July 4	F	Independence Day; no classes, university offices closed
July 18	F	Theses and dissertations due in deans' offices for summer degree candidates
August 1	F	Payment due for fall 2014 priority registration
August 7	Th	Second 6-week (D) session ends Theses and dissertations due in Registrar's Office for summer degree candidates
August 14	Th	Online Learning II (F) session ends; end of summer sessions Official Degree Award Date (date that appears on August 2014 diplomas; no event associated with this date)

Academic Programs

Undergraduate Majors

Accounting (BS)
American Studies (BA)
Anthropology (BA)
Arab World Studies (BA)
Arabic Studies (BA)
Art History (BA)
Asian Studies (BA)
Audio Production (BA)
Audio Technology (BS)
Biochemistry (BS)
Biology (BS)
Business Administration (BSBA)
Business and Entertainment (BS)
Business, Language & Culture Studies (BS)
Chemistry (BS)
Communication: Communication Studies (BA)
Communication: Film and Media Arts (BA)
Communication: Journalism (BA)
Communication: Public Communication (BA)
Computational Science (BS)
Computer Science (BS)
Economics (BA, BS)
Elementary Education (BA)
Environmental Science (BS)
Environmental Studies (BA)
Finance (BS)
Fine Arts (BFA)
Foreign Language and Communication Media (BA)
French Studies (BA)
German Studies (BA)
Graphic Design (BA)
Health Promotion (BS)
History (BA)
Interdisciplinary Studies (BA, BS)
Interdisciplinary Studies: Communication, Legal Institutions, Economics, and Government (BA)
International Studies (BA)
Jewish Studies (BA)
Justice and Law (BA)
Language and Area Studies: French/Europe (BA)
Language and Area Studies: German/Europe (BA)
Language and Area Studies: Russian/Area Studies (BA)
Language and Area Studies: Spanish/Latin America (BA)
Law and Society (BA)
Liberal Studies (BA)
Literature (BA)
Mathematics (BS)
Mathematics, Applied (BS)
Mathematics and Economics (BS)
Music (BA)
Performing Arts: Musical Theatre (BA)
Performing Arts: Theatre (BA)
Philosophy (BA)
Physics (BA, BS)
Political Science (BA)
Psychology (BA)
Public Health (BA, BS)
Religious Studies (BA)
Russian Studies (BA)
Secondary Education (second major only)
Sociology (BA)
Spanish Studies (BA)
Statistics (BS)
Studio Art (BA)
Women's, Gender, and Sexuality Studies (BA)

Undergraduate Minors

Accounting	Language and Area Studies: French/Europe
African American and African Diaspora Studies	Language and Area Studies: German/Europe
American Studies	Language and Area Studies: Italian/Europe
Anthropology	Language and Area Studies: Japanese/Asia
Arab Studies	Language and Area Studies: Russian/Area Studies
Arabic Language	Language and Area Studies: Spanish/Latin America
Art History	Law and Society
Audio Technology	Leadership and Management
Biochemistry	Literature
Biology	Literature: Cinema Studies
Business Administration	Marketing
Chemistry	Mathematics
Chinese Language	Multi-Ethnic Studies
Communication	Music
Computational Mathematics	North American Studies
Computer Science	Philosophy
Creative Writing	Physics
Dance	Physics, Applied
Economics	Political Science
Education Studies	Psychology
Environmental Science	Public Administration and Policy
Finance	Public Anthropology
French Language	Public Health
German Language	Quantitative Methods
Graphic Design	Religion
Health Promotion	Russian Language
History	Russian Studies
Information Systems and Technology	Sexuality and Queer Studies
Interdisciplinary Studies	Sociology
International Business	Spanish Language
International Studies	Special Education
Israel Studies	Statistics
Japanese Language	Studio Art
Jewish Studies	Theatre
Justice	Women's and Gender Studies

Undergraduate Certificates

Advanced Leadership Studies (SPA students)	Public Anthropology
Applied Ethics and Professional Responsibility	Statistics, Applied
Applied Physics	Teaching English to Speakers of Other Languages (TESOL)
Arab Studies	Translation: French
Asian Studies	Translation: German
European Studies	Translation: Russian
International Studies	Translation: Spanish
Multi-Ethnic Studies	Women, Policy, and Political Leadership

Doctoral Programs

Anthropology (PhD)
Behavior, Cognition, and Neuroscience (PhD)
Clinical Psychology (PhD)
Communication (PhD)
Economics (PhD)
History (PhD)

International Relations (PhD)
Juridical Science (SJD)
Justice, Law and Society (PhD)
Political Science (PhD)
Public Administration (PhD)

Master's Programs

Accounting (MS)
Advocacy (LLM)
Art History (MA)
Arts Management (MA)
Audio Technology (MA)
Bilingual Education (MA)
Biology (MA, MS)
Business Administration (MBA)
Chemistry (MS)
Communication: Journalism and Public Affairs (MA)
Communication: Producing for Film and Video (MA)
Computer Science (MS)
Creative Writing (MFA)
Curriculum and Instruction (MEd)
Development Management (MS)
Economics (MA) *ONLINE option*
Environmental Science (MS)
Ethics, Peace, and Global Affairs (MA)
Film and Electronic Media (MFA)
Film and Video (MA)
Finance (MS)
Global Environmental Policy (MA)
Health Promotion Management (MS)
History (MA)
Interactive Journalism (MA)
International Affairs (MA)
Tracks:
Comparative and International Disability Policy
Comparative and Regional Studies
Global Governance, Politics, and Security
International Economic Relations
Natural Resources and Sustainable Development
United States Foreign Policy and National Security
International Communication (MA)
International Development (MA)
International Economics (MA)
International Legal Studies (LLM)
International Media (MA)
International Peace and Conflict Resolution (MA)
International Relations (MA) *ONLINE*
International Service (MIS)

International Training and Education (MA)
Justice, Law and Society (MS)
Law (JD)
Law and Government (LLM)
Literature (MA)
Management (MS)
Marketing (MS)
Mathematics (MA)
Media Entrepreneurship (MA)
Nutrition Education (MS) *ONLINE*
Organization Development (MSOD)
Philosophy (MA)
Political Communication (MA)
Political Science (MA)
Professional Science: Biotechnology (MS)
Professional Science: Environmental Assessment (MS)
Professional Science: Quantitative Analysis (MS)
Psychology (MA)
Public Administration (MPA)
Public Administration: Key Executive Leadership (MPA)
Public Anthropology (MA)
Public Policy (MPP)
Real Estate (MS)
Social Enterprise (MA)
Sociology (MA)
Spanish: Latin American Studies (MA)
Special Education: Learning Disabilities (MA)
Statistics (MS)
Strategic Communication (MA)
Studio Art (MFA)
Sustainability Management (MS)
Taxation (MS)
Teaching (MAT)
Tracks:
Bilingual Education
Early Childhood Education
Elementary Education
Secondary Education
English for Speakers of Other Languages
Teaching English as a Foreign Language (MA) *ONLINE*
Teaching English to Speakers of Other Languages (MA)

Graduate Certificates

Addiction and Addictive Behavior
Arts Management
Asian Studies
Audio Production
Bilingual Education
Business Fundamentals
Computer Science
Cross-Cultural Communication
Curriculum and Instruction
Development Management
Digital Media
Entrepreneurship
Environmental Assessment
European Studies
Forensic Accounting
Gender Analysis in Economics
Global Information Technology
International Arts Management
International Economic Relations
Leadership for Organizational Change
Microeconomics, Applied
Nonprofit Management
North American Studies
Nutrition Education
Peacebuilding
Postbaccalaureate Premedical

Professional Development:
Comparative and Regional Studies
Global Environmental Policy
International Communication
International Development
International Economic Policy
International Peace and Conflict Resolution
International Politics
United States Foreign Policy
Psychobiology of Healing
Public Anthropology
Public Financial Management
Public Management
Public Policy Analysis
Public Sociology
Real Estate
Social Research
Statistics, Applied
Tax
Teaching: Early Childhood Education
Teaching: Elementary
Teaching: English for Speakers of Other Languages
Teaching: Secondary
Teaching English to Speakers of Other Languages (TESOL)
Technology in Arts Management
The Americas
Translation: French
Translation: Russian
Translation: Spanish
Women, Policy, and Political Leadership
Women's, Gender, and Sexuality Studies

American University General Information

University Profile

American University was incorporated by the government of the District of Columbia in 1891, chartered by an Act of Congress in 1893, and founded under the auspices of the United Methodist Church. The university's first building was completed in 1898; its first class graduated in 1916.

American University is an independent coeducational university with more than 13,000 students enrolled in undergraduate, master's, doctoral, and professional degree programs. Located on an 84-acre residential campus in upper northwest Washington, DC, the university attracts a diverse student body from all 50 states, the District of Columbia, Puerto Rico and the territories, and more than 140 foreign countries.

A short distance from Washington's centers of government, business, research, commerce, and art, the American University buildings include the university library, administrative and academic buildings, ten residence halls, an interdenominational religious center, and a sports center. Facilities include 24-hour computer laboratories, radio and TV studios, science laboratories, art studios, recital halls, and a theatre. The Washington College of Law is located a half mile from the campus on Massachusetts Avenue.

American University has a student to faculty ratio of 12:1. The distinguished faculty includes renowned experts and scholars of national and international reputation in public affairs, law, history, economics, business, international relations, education, science, communication, and the arts. In addition to the nearly eight hundred members of its full-time faculty, adjunct faculty are drawn from the Washington, DC professional community, including policy makers, diplomats, journalists, artists, writers, scientists, and business leaders.

Washington, DC is a city of learning resources in every discipline, from the arts and humanities to the sciences to public affairs. The Smithsonian Institution, John F. Kennedy Center for the Performing Arts, National Gallery of Art, National Institutes of Health, National Library of Medicine, Library of Congress, National Archives, World Bank, Brookings Institution, more than 170 embassies and chanceries, and the headquarters of many associations and international organizations are located in the Washington, DC area. The libraries, museums, and art galleries of Washington contain unsurpassed collections. These resources are sites for research, field trips, internships, and employment. Because of these resources, American University students can put their education to work in Washington as they could nowhere else in the country.

Academic Programs

American University offers a wide range of undergraduate and graduate programs through its seven major divisions: College of Arts and Sciences; Kogod School of Business; School of Communication; School of International Service; School of Professional and Extended Studies; School of Public Affairs; and Washington College of Law. There are 67 bachelor's programs, 70 master's programs, and 11 doctoral programs, inclusive of the Washington College of Law's JD, LLM, and SJD programs. Additionally, students have the opportunity to create individualized, interdisciplinary programs at the bachelor's level. Organized by major division, this catalog provides further information on these academic programs, certificate programs at the undergraduate and graduate levels, as well as the Washington Semester, Gateway, Internship, and other innovative programs of the School of Professional and Extended Studies.

The following academic opportunities, some of which are detailed elsewhere in the catalog, are also available.

AU Abroad and Abroad at AU

AU Abroad offers the opportunity for undergraduate students to study abroad and gain full American University course credit. Students may spend a summer, a semester or a year on over 140 programs in over 40 countries, spanning six continents.

American University's Abroad at AU program welcomes students from around the world to study for a year or a semester in the capital of the United States.

University Honors Program

A comprehensive program of honors options drawn from the General Education curriculum, departmental course offerings, and honors colloquia for qualified undergraduate students. The program is characterized by small seminars, individualized attention from faculty, unique access to the resources of Washington, DC and the special atmosphere of an honors community of committed faculty and students. For more information, see **Undergraduate Rules and Regulations, Undergraduate Academic Honors.**

Honorary Societies

Undergraduate students have the opportunity to be elected to the AU Zeta Chapter of Phi Beta Kappa, the nation's oldest honorary scholastic society for exceptional academic achievement in the liberal arts. Election to the American University chapter of Golden Key International Honour Society (recognizing outstanding scholarship, service, and leadership for students in all

academic fields) is also available for qualified students, as well as the National Society of Collegiate Scholars (honoring students for outstanding scholarship and community service).

Many academic disciplines have chapters of national honor societies as well. For more information, consult the appropriate department or academic unit.

Consortium of Universities of the Washington Metropolitan Area

American University is a member of the Consortium of Universities of the Washington Metropolitan Area, a program through which students may take selected courses not offered by their home institutions at any of the other consortium member schools.

University Community

University Library

The Jack I. and Dorothy G. Bender Library and Learning Resources Center is the gateway to a wide array of print resources and electronic information. It also offers many services to support student and faculty research. The AU library collections contain more than one million volumes, including over 700,000 print volumes, more than 300,000 e-books, access to over 120,000 online periodicals, approximately 52,000 media and sound recordings, and 14,000 musical scores. The librarians are available to assist with research strategies and locating appropriate materials. During much of each semester, the library is open 24/7 Monday–Thursday.

Primary access to the collections is through ALADIN, the online catalog for the Washington Research Library Consortium (WRLC). The consortium is made up of all the universities in the District of Columbia and Marymount University and George Mason University in Virginia. American University students and faculty may borrow materials from all members of WRLC. Additional library resources may be accessed via the University Library website: www.american.edu/library.

The library makes available 180 AU workstation computers, 50 circulating laptops, and offers building-wide wireless connectivity, with charging stations for those who bring their own laptops, tablets, and phones. The library's circulating laptops may be borrowed from the Technology Services desk for use in the building or for overnight check-out. The New Media Center is available for all media content creation. The university's walk-in Technology Support Desk is located on the first floor of the library for in-person technology assistance of all types.

The library houses rare materials, such as books, manuscripts, and personal papers, in its Special Collections. Among the more important holdings are the Artemas Martin collection of mathematical texts, the Charles Nelson Spinks collection of artistic and historical works of Japan, the Irwin M. Heine collection of literary works, and Christopher Johnson collection of William Faulkner books. Playbills constitute a significant segment of the collection, with the James Carroll and Iris Lipkowitz collections most notable among them. Other significant collections include the John R. Hickman collection, the records of the

National Peace Corps Association, the Friends of Colombia Archives, and in 2013 the Library announced its intention to develop a full archive of the records and memorabilia of returned Peace Corps Volunteers. The library also has the records of the National Commission on the Public Service and the records of Women Strike for Peace. The University Archives reside in the library.

Harold and Sylvia Greenberg Theatre

The Harold and Sylvia Greenberg Theatre is a showcase to the university's commitment to the performing arts. It is a state-of-the-art 300-seat theatre allowing students the opportunity to perform in a top-quality setting, thereby enriching the program, the university, and the Washington, DC community.

Katzen Arts Center

American University's Katzen Arts Center, named for Washington area benefactors Dr. and Mrs. Cyrus Katzen, brings all the visual and performing arts programs at AU into one 130,000-square-foot space. Designed to foster interdisciplinary collaboration in the arts, the Katzen includes the three-story American University Museum, the Abramson Family Recital Hall, the Studio Theatre and Dance Studio, art and graphic design studios, an electronics studio, practice rooms, rehearsal space, and classrooms.

WAMU 88.5

WAMU 88.5 is the leading public radio station for NPR news and information in the greater Washington, DC area, with more than 776,500 listeners on air and online. It is member supported, professionally staffed, and licensed to American University. Home to a team of award-winning local reporters and acclaimed talk radio hosts, WAMU 88.5 offers comprehensive coverage of local, national, and international events. WAMU also broadcasts from 88.3 FM Ocean City on the Delmarva Peninsula; and WAMU's Bluegrass Country, a bluegrass and American roots station, can be heard at 105.5 FM in Bethesda, Maryland; 93.5 FM in Frederick and Hagerstown, Maryland; and 88.5-2 in HD radio in Washington, DC. WAMU also broadcasts in Washington on two additional HD channels—the flagship frequency at 88.5-1 and Intersection at 88.5-3, a news and information station broadcasting international coverage from the BBC and offering public radio programs unavailable elsewhere in the Washington area.

Technology and Computing Resources

All students receive a user name with access to the campus network, myau.american.edu web portal, an AU-sponsored Gmail account, Blackboard, and a personal web page, if desired. Computing resources are delivered via a fiber optic network providing over 8,000 connection points, including all residence hall rooms. Wireless network access is also available throughout the entire campus. High-capacity dedicated Internet service is available to everyone. Modest data storage for academic assignments is provided on state-of-the-art servers, available 24 hours a day throughout the year, except for occasional maintenance periods.

Over 20 computer laboratories on campus offer a variety of personal computer and Mac systems, as well as fee-based high-speed laser printing. There are general-purpose facilities available to all students, some open 24 hours a day during most of the academic year. There are also many specialized labs supporting specific academic disciplines. Use of these labs may be restricted to students taking relevant courses or enrolled in specific degree programs. A virtual computing lab is available to AU students, which provides remote access to specialized lab software from anywhere on the Internet.

The AU network provides students with access to site-licensed software and the resources of ALADIN, the university's online library catalog. Online academic collaboration is provided to the campus using software tools such as Blackboard and other electronic resources.

Nonresident students are encouraged to arrange for Internet service through a private Internet service provider. Laptop computers and other devices equipped for wireless communication can be used anywhere on campus, once they have been configured to access *eaglesecure*. The system guides students through the configuration process, after connecting to *Wireless.SetupAU*.

The Office of Information Technology's Help Desk answers software questions and provides general computer troubleshooting assistance around the clock via telephone (202-885-2550) and e-mail (helpdesk@american.edu). The Help Desk also provides assistance via online chat during reduced hours on weekdays (www.american.edu/oit/HelpDesk-Chat.cfm). Throughout the year, a variety of training classes are offered to help members of the academic community use computing resources. For more information, go to www.american.edu/oit/.

All students must agree to the terms of the university's *Computer Use and Copyright Policy*, which is in the University Codes, Policies, and Guidelines section of the *Student Handbook*.

Athletics and Recreation

American University Athletics

AU Athletics includes sixteen varsity sports that compete in the Patriot League along with Army, Boston University, Bucknell, Colgate, Holy Cross, Lafayette, Lehigh, Loyola MD, and Navy. Recent successes include the 2008 and 2009 Patriot League Men's Basketball champions, the eight time defending Patriot League field hockey champions, ten Patriot League volleyball championships since 2001, and a wrestling team that finished fifth in the nation in 2010-11.

For up-to-the-minute information, video highlights, scores, and stats on American University athletics, go to www.AUeagles.com; [facebook.com/AUeagles](https://www.facebook.com/AUeagles); twitter.com/au_eagles; or download the AUeagles Mobile App.

Athletic Events—Blue Crew Membership

American University students are admitted free-of-charge to all regular season home athletic events with valid AU ID. The AU Blue Crew is the official student fan group of American University Athletics and is a key driving force behind the success of all of AU's athletic teams. The Blue Crew provides for the best and most exciting student game day atmosphere in all of

the Patriot League. Membership is free for all AU undergraduate, graduate, and law school students, and after sign-up each member receives exclusive membership t-shirt and ID card valid for great discounts at local area restaurants and stores. Blue Crew members also receive exclusive access to game day promotions and giveaways and the best seats to games. Be sure to visit AUeagles.com/BlueCrew to sign up, and mark your calendars to attend all of the Phil Bender World Tour events each semester.

Athletics and Recreation Facilities

American University's Sports Center houses Bender Arena, Reeves Aquatic Center, the William I Jacobs Fitness Center, and Athletics and Recreation Department offices. The center includes four full-size basketball/volleyball courts, a 25-yard swimming pool, and a warm-up pool. Outdoor facilities include the Reeves soccer/lacrosse field, Greenberg running track, Reeves tennis courts, Jacobs Field, and two basketball courts behind the Sports Center. The William I Jacobs recreational complex, which opened in Fall 2005, includes an astroturf field hockey surface, a softball field, state-of-the-art scoreboard, and two outdoor sand volleyball courts. New to the Athletic and Recreation facilities is the Cassell Fitness Center, conveniently located on the first floor of Cassell Hall, the newest residence hall on the northwest corner of American University's main campus.

Recreational Sports and Fitness

The Jacobs Fitness Center is located off the lobby of the Sports Center and offers a variety of cardio machines, strength equipment and free weights, in addition to a group exercise studio, wrestling room, and team training room. Recreational Sports and Fitness members also have access to the Reeves Aquatic Center and Bender Arena during recreational swim and open court hours.

The Cassell Fitness Center, located on the first floor of Cassell Residence Hall, is an 8,000 sq. ft. fitness facility with a state-of-the-art fitness area with a wide range of cardio equipment, strength machines, and weights. This fitness center is also home to two group exercise studios which allow Recreational Sports and Fitness to host a variety of special events and larger group exercise classes.

Recreational Sports and Fitness also provides a variety of services for additional fees including group exercise classes, yoga, personal training, fitness assessments, and locker rentals. The centers are staffed with health and fitness professionals who are dedicated to health and wellness, trained in the use of the equipment, and ready to assist with an exercise program to achieve personal health goals.

Students with a valid AU ID who are currently registered for classes are eligible to use the Fitness Centers. Recreational Sports and Fitness memberships are also available at discounted fees for faculty, staff, and alumni.

Hours of operation vary according to the academic calendar and scheduled university events. Specific information on the hours of operation is available on the web at www.american.edu/recfit/ or by calling the Info Line at 202-885-6267.

Intramural and Club Sports

The Intramural Sports Program is an exciting and fun complement to a student's academic, cultural, and social education. The program offers a wide range of sports including basketball, flag football, indoor and outdoor soccer, softball, table tennis, tennis, and volleyball. Different leagues are conducted in these sports for men, women, co-recreational groups, and varying skill levels. Involvement in intramurals is a wonderful opportunity for students to make new acquaintances, develop friendships and enjoy the benefits of exercise and physical activity. Please visit the Recreational Sports and Fitness web page for more information regarding the intramural sports program or stop by the intramural office in the Sports Center lower level, Room G-3 or call at 202-885-3050.

Club Sports are student run and organized teams. They compete against colleges and universities around the country in the following areas: baseball, basketball, crew, cricket, cycling, equestrian, field hockey, golf, gymnastics, men's and women's ice hockey, men's and women's lacrosse, men's and women's rugby, sailing, men's and women's soccer, women's softball, taekwondo, tennis, men's and women's ultimate frisbee, men's and women's volleyball, and water polo. Club Sports is supervised by the Assistant Director of Recreational Sports and Fitness. The office is located in the Sports Center lower level, Room G-3.

Dining Services and Stores

The Terrace Dining Room (TDR) is on the lower level of the Mary Graydon Center. Retail food venues, including Einstein Bros Bagels, are on the first floor. The first floor retail venues are undergoing renovations in the summer of 2013 with new brands to be introduced at the beginning of fall semester. The convenience store, located in the Butler Pavilion shops, includes Red Mango and Subway. Other stores and services in the Butler Pavilion include a bank, mailbox service/copy center, hair salon, café, and Asian fast-food restaurant.

The campus store, located on the second and third floors of the Butler Pavilion, carries all required textbooks, a large selection of other books, all necessary supplies, stationery, American University sportswear, and other items.

Child Development Center

American University's Child Development Center, located on campus, is a licensed preschool for children 2½ to 6 years old. Highly-qualified teachers, supported by trained student interns, provide a developmentally appropriate program of active learning in the areas of physical, social, emotional, and intellectual development. Children of students, faculty, and staff may be en-

rolled in this stimulating and nurturing full-day program. In addition, the center offers students from many disciplines a place to intern and observe, create, and test theories involving children. For more information on the Child Development Center, call 202-885-3330 or go to: www.american.edu/hr/CDC.cfm.

Parking and Traffic

Parking at American University is by permit or Pay-As-You-Go machines only, Monday through Friday, 8:00 AM to 5:00 PM. Designated restricted lots are enforced 24 hours a day, seven days a week. Visitors may purchase hourly or daily parking permits from the Pay-As-You-Go machines at the Nebraska Parking Lot, School of International Service Parking Garage, or Katzen Arts Center Parking Garage.

All faculty, staff, and students must register their vehicles with Parking and Traffic Services by the end of the first day of classes of each semester. Vehicles brought to the university during the semester must be registered immediately. Students may not receive a parking permit for a vehicle that is not registered in their family name. Freshmen and Washington Semester students are not permitted to have vehicles on campus or to park in Advisory Neighborhood Commissions 3D and 3E. Further, parking along the neighborhood streets and walking to campus is strictly prohibited.

Special access parking spaces are available throughout campus. Vehicles parked in these spaces must display valid handicap or disability license plates or permits. Temporary AU disability permits may be obtained from the Parking and Traffic Services office. For an American University handicap permit longer than 3 days, students must consult the Academic Support and Access Center and have medical documentation.

For more information, call 202-885-3111 or go to: www.american.edu/parking/.

Shuttle Services

American University encourages the use of the Washington, DC transit system (Metrorail, Metrobus). A free AU shuttle service for students, faculty, staff, and visitors is available to and from the Tenleytown/AU Metrorail station, Tenley Campus, and the Washington College of Law. Access for persons with disabilities is available. A valid AU ID card or Shuttle Guest Pass is required for all riders. Hours of operation are Monday through Thursday, 7:00 am to 12:30 am; Friday, 7:00 am to 3:30 am; Saturday, 8:00 am to 3:30 am; and Sunday, 8:00 am to 1:00 am.

For a shuttle schedule or more information, call 202-885-3311, e-mail Shuttle@american.edu or visit www.american.edu/finance/facilities/shuttle.cfm.

AU Abroad/ Abroad at AU

AU Abroad

AU Abroad offers the opportunity for undergraduate students to study abroad and gain full American University course credit. Students may spend a summer, a semester or a year on over 140 programs in over 40 countries, spanning six continents. Students have the option of directly enrolling in prestigious universities abroad, participating in unique programs created specifically for American University students, or experiencing hybrid programs with the opportunity to take courses at a university abroad as well as specifically designed courses. On many of these programs, students also have the opportunity to participate in credit bearing internships. For more information and a full listing of AU Abroad programs, call 202-885-1320 or

866-313-0757; e-mail auabroad@american.edu; or go to: www.auabroad.american.edu/.

Abroad at AU

American University's Abroad at AU program welcomes students from around the world to study for a year or a semester in the capital of the United States. Participants in Abroad at AU are required to take a minimum of 12 credit hours per semester to qualify as a full-time student. In addition, there is a noncredit option for students from partnership institutions.

Campus Life

The Office of Campus Life integrates students into a diverse university community; promotes their intellectual, social, and spiritual development; and, in collaboration with the faculty, prepares them for lifelong learning and global citizenship.

Campus Life offices include: Academic Support and Access Center; Center for Community Engagement & Service; Center for Diversity & Inclusion; Counseling Center; Housing and Dining Programs; International Student & Scholar Services (ISSS); Kay Spiritual Life Center; New Student Programs; Student Conduct & Conflict Resolution Services; Student Health Center; University Center and Student Activities; and Wellness Center.

Office of the Vice President of Campus Life

The Office of the Vice President of Campus Life is located in Butler Pavilion 400. For more information, contact 202-885-3310, campuslife@american.edu or go to: www.american.edu/ocl/.

Recognizing students' unique needs and the diversity of American University's student body, the Office of Campus Life promotes students' integration into an inclusive university community and supports and complements students' preparation for lifelong learning and global citizenship.

The Office of Campus Life is guided in this mission by assessment of students' characteristics, dedication to service and

advocacy for students, and accountability for our actions. The Vice President of Campus Life is the chief student affairs officer of the university and reports to the president.

Office of the Dean of Students

The Office of the Dean of Students is committed to cultivating an environment that enriches and supports student development. The dean of students staff provides advocacy, information, referrals, and other assistance to students, and works closely with academic and administrative units to promote student success.

Student Conduct Code

Each student is expected to adhere to established standards of behavior for members within the university community. Students must abide by all federal and local laws as well as all policies and regulations of American University. The Student Conduct Code describes the rights and responsibilities for student conduct. By registering for classes or enrolling at American University, all students acknowledge their awareness of and agreement to adhere to the Student Conduct Code. The code is available at:

www.american.edu/ocl/studentguide/Student-Policies.cfm.

Office of Campus Life Departments

Academic Support and Access Center

The Academic Support and Access Center supports the academic development and educational goals of all American University students. Additionally, the Center is committed to providing equal access for individuals with disabilities within the university's diverse community. Academic support services include individual instruction in time management reading, note taking, and exam preparation; study skills and writing workshops; referrals for peer tutors; Writing Lab appointments; and Supplemental Instruction, or group tutoring, in selected courses. Specific services are available for international students, student-athletes, and graduate students.

Services for students with disabilities are provided to ensure equal access within the intellectual and social life of the university. Services include assistance with accommodations, alternative test location, assistive technology, academic counseling, and the Learning Services Program for Freshmen with Learning Disabilities. This office provides consultation and in-service training for faculty, staff, and students, to promote an inclusive and accessible campus environment. Services are provided free of charge, except for the one-time fee for the Learning Services Program and modest fees for peer tutors. The Academic Support and Access Center is located in Mary Graydon Center 243. For more information, call 202-885-3360, email asac@american.edu, or go to: www.american.edu/asac.

Center for Community Engagement & Service

The Center for Community Engagement & Service provides opportunities for American University students, staff and faculty to engage responsibly with communities by cultivating mutually beneficial community partnerships to promote learning, leadership and social change. The Center envisions a more just and equitable world in which people engage with their local, national, and global communities. Students and faculty utilize the resources in Washington, DC and beyond to forge academic learning connections between classroom and community through service-learning and student leadership.

Projects and programs available include Alternative Breaks, Community Service-Learning Projects, DC Reads, Eagle Endowment for Public and Community Service, Freshman Service Experience, and One-Day Service Events.

For more information, call 202-885-SERV (7378) or go to: www.american.edu/ocl/volunteer/.

Center for Diversity & Inclusion

The Center for Diversity & Inclusion (CDI) advances American University's commitment to respecting and valuing diversity by serving as a resource and liaison for students, staff, and faculty on issues of equity through education, outreach, and advocacy. The center's programs acknowledge and address multi-layered topics of identity, including ability, gender identity/expression, sexual orientation, race/ethnicity, religious be-

liefs and practices, and socioeconomic status. The center works in close collaboration with other departments within the Office of Campus Life, and with faculty, alumni, and community resources. CDI is dedicated to:

- Enhancing LGBTQ, multicultural, first generation, and women's experiences on campus;
- Promoting student retention, graduation, and academic achievement;
- Collaborating with campus partners, in particular those that work with international students, students with disabilities, and students with active religious affiliations, to create a safe, supportive, and empowering community for all, regardless of identity.

CDI is located in Mary Graydon Center, Rooms 201 and 202. For more information or to join the CDI listserv, visit www.american.edu/ocl/cdi or e-mail cdi@american.edu.

Counseling Center

The Counseling Center provides **confidential** intake assessments, emergency appointments, referrals for off-campus mental health care, short-term individual therapy, and group counseling. The Center also offers consultations, workshops, and other outreach programs, including self-help resources such as the anonymous online mental health screenings (e.g., for anxiety, depression, etc.) on its website. The Center's staff includes psychologists, social workers, and graduate-level clinical trainees. Services are confidential in accordance with professional and legal standards, and are free of charge. The Counseling Center is located in Mary Graydon Center 214. For more information, call 202-885-3500 or go to: www.american.edu/ocl/counseling/.

Housing and Dining Programs

Housing and Dining Programs (HDP) is responsible for daily operations in American University's residence halls as well as management of the professional and student staff. Complementing the goals of the Office of Campus Life, HDP seeks to create and maintain an environment that fosters intellectual, social, and emotional growth. The staff works to provide a safe and comfortable living environment that encourages respect for individual rights and social responsibility.

Housing and Dining Programs is responsible for applications for student housing, student room assignments, summer housing, and conference operations. Facilities Management is responsible for the maintenance of equipment as well as housekeeping in the residence halls. Housing and Dining Programs staff oversees minor furnishing repairs.

American University's ten residence halls have distinct characteristics and offer a variety of living arrangements. Several special interest housing options, or Living Learning Communities, are available in the halls, including the Honors Program, University College, the Social Justice Community, the Health & Wellness Community, and Residential Community Clusters.

Visitors to AU's residence halls must check in at the front desk and be escorted while in the hall. Residents may not lend their access cards and keys to guests. There are no curfews; 24-hour visitation is the policy in each hall. Overnight guests are

permitted only with the agreement of the roommate. In all cases, overnight guests are limited to a 3-day stay. Residents are responsible for their guests' behavior and may be charged in lieu of their guests for violations of the Student Conduct Code and damage to university property.

The Off-Campus Housing Resource Center at American University serves AU students and the community by providing support to those looking for housing, as well as to those who wish to list rental property. In addition to a comprehensive, up-to-date web site of rental listings, information on landlord/tenant relationships and helpful hints and advice about the housing search process are also available.

Housing is available to undergraduate students on a first-come, first-served basis. For further information call 202-885-3370 or go to: www.american.edu/oel/housing/.

Residence Hall Association

The Residence Hall Association (RHA) is the student government and program planning organization of the residence halls. RHA works with Housing and Dining Programs to ensure that university policies and services are responsive to students' needs. The Executive Board, the highest branch of the RHA, is the link between the administration and students. The Executive Board, in conjunction with the hall and floor officers, organizes both hall and campus-wide programs. The Executive Board and Hall Council presidents are elected in the spring and serve one-year terms. Hall Council members are elected at the beginning of the fall semester and serve one-year terms.

RHA provides both social and educational programming within each hall and across campus. For more information, call 202-885-1RHA (x1742), e-mail info@aurha.org or go to: www.american.edu/oel/rha/.

International Student & Scholar Services

International Student & Scholar Services (ISSS) provides cross-cultural advising and programming to all members of the university community, as well as specialized immigration support services to international students and exchange visitors.

ISSS administers the Student and Exchange Visitor Information System (SEVIS) and the J1 Exchange Visitor Program on behalf of American University. Through these programs ISSS assists students, student interns, scholars, professors, researchers, and others who come to the university for temporary periods for the purpose of international education.

To assist international students and exchange visitors, ISSS offers pre- and post-arrival orientations, reentry and employment workshops, cultural programming, and advising on social and immigration issues. ISSS is located in Butler Pavilion 410, 202-885-3350. For more information, go to: www.american.edu/oel/issss.

Kay Spiritual Life Center

The Kay Spiritual Life Center is an interfaith house of worship and home to a rich array of faith communities, cultural and educational programs, student organizations, feasts, festivals, circles of prayer, and activism. In keeping with the university's commitment to inquiry and diversity, the Kay Spiritual Life Center seeks to be not only a center for religious life, but a place where people of conscience, intellect, and spiritual curiosity come with their questions, their dreams, and their struggles. The center fosters a climate of interfaith understanding and openness, in which matters of faith and value are recognized as an integral part of human growth and university life.

Regular services of worship and religious observances are held throughout the year by Baha'i, Buddhist, Catholic, Church of Jesus Christ of Latter Day Saints, Hindu/Vedic, Jewish, Muslim, Orthodox, United Methodist/Protestant, Quaker, Sikh, and Unitarian Universalist communities. Meditation from a variety of traditions is also offered. In addition, the center sponsors special interfaith celebrations, as well as a variety of workshops, panel discussions, retreats, outings, and social action opportunities.

Chaplains from the diverse faith traditions assist in organizing events and are available to students, faculty, and staff for pastoral counseling and spiritual direction, residence hall programming, advisement on issues of faith and ethics, life events, baptisms, bat/bar mitzvahs, weddings, and memorial services.

The Kay Interfaith Council serves to foster dialogue and discussion among the member communities of the Kay Center, provides for collective interfaith action, and promotes awareness of and respect for interfaith issues. The Center for Community Action and Social Justice Coalition (CASJC), also located in the Kay Center, is a student-led consortium of clubs committed to expressing spirituality through active engagement in pursuit of a more just and peaceful world. This office serves as a resource for AU students seeking to work for responsible social change.

The Kay Spiritual Life Center is located at the north end of the Friedheim Quadrangle. Hours of operation during the fall and spring semesters are 9 am to 9 pm, Monday through Friday. For more information, call 202-885-3320, e-mail kslc@american.edu or go to: www.american.edu/oel/kay/.

New Student Programs

New Student Programs designs and coordinates orientation programs for first year and transfer students. Through summer, fall, and spring orientation programs, the staff assists new students in their transition to American University. The office also coordinates the All-American Weekend in October for parents and family of current AU students and other programs to enhance the quality of life for all American University students. For more information, call 202-885-3303, e-mail orientation@american.edu or go to: www.american.edu/oel/orientation.

Student Conduct and Conflict Resolution Services

Student Conduct and Conflict Resolution Services provides an organized discipline system founded on principles of equity, fairness, and due process for the resolution of grievances in the American University community. In addition, this office promotes the learning and use of alternative dispute resolution methods.

Student Conduct addresses alleged violations of the Student Conduct Code, Regulations for Student Conduct in the Residence Halls, and other university policies. The Conduct Council is a community review board composed of students, faculty, and staff members that provides an excellent experiential learning opportunity. All students, regardless of their majors, are encouraged to take active roles in the discipline system on campus.

American University Conflict Resolution Services (AUCRS) provides resources for the resolution of interpersonal and inter-group conflicts to all members of the AU community. AUCRS helps parties learn about sources of and responses to conflict and their roles in this dynamic process. Services include conflict consultation, assessment and evaluation, mediation, facilitation, and post-conflict reconciliation. Services are confidential and free of charge to all students, faculty, and staff. AUCRS also provides alternative dispute resolution (ADR) and conflict management skill-building workshops. Students, faculty, and staff are welcome to participate in basic mediation skills training offered each semester.

Student Conduct and Conflict Resolution Services is located in Butler Pavilion 408. For more information, call 202-885-3328, e-mail conduct@american.edu or go to: www.american.edu/ocl/scrcs.

Student Health Center

The Student Health Center (SHC) provides primary medical care, minor first aid, gynecological care, immunizations, allergy injections, and health education services to students. Psychiatric services (primarily medication management) are also available. There are fees for care at the Student Health Center.

The clinical staff consists of an internal medicine physician, nurse practitioners, physician assistants, and registered nurses. These primary care practitioners initiate treatment and coordinate all aspects of care, including referrals to specialists when indicated. Patients are seen by appointment, which can be scheduled online, by telephone, or in person. The office is located in McCabe Hall, 1st floor. To schedule an appointment, call 202-885-3380 or go to:

www.american.edu/ocl/healthcenter.

Student Health Insurance

Health insurance is mandatory for all full-time degree, resident, and international students, unless the student is covered under another comparable health insurance plan. The fee is assessed automatically unless waived prior to the deadline. Waiver forms must be completed online (before published deadlines) at myau.american.edu. Medical insurance coverage is available to part-time students carrying at least 6 credit hours, spouses, do-

mestic partners, and children of students enrolled in the student health insurance plan.

For information call the Student Health Center at 202-885-3380 or go to: www.american.edu/ocl/healthcenter/.

University Center and Student Activities

The **University Center (UC)** is a multi-building complex comprising Mary Graydon Center, Butler Pavilion, the Tunnel, and the Sports Center. The mission of the University Center is to provide a welcoming environment for AU students, faculty, staff, alumni, and visitors, and to support programs, activities, and services that promote community, individual growth, responsible citizenship, and a global perspective. The UC houses select food service options, including the contract dining hall (TDR), social and recreational facilities, community lounges, meeting facilities, the Cyber Cafe, and an array of offices providing student services. These include the Academic Support and Access Center, the Career Center, the Center for Community Engagement & Service, the Center for Diversity & Inclusion, the Counseling Center, International Student & Scholar Services, the Office of the Vice President of Campus Life, the Office of the Dean of Students, Student Conduct & Conflict Resolution Services, and the University Center and Student Activities.

Key student governance and media organizations are also housed in the footprint, including the Student Government (SG), the Media Board, the American University Club Council (AUCC) and the Fraternity/Sorority Governing Councils.

The UC staff of professionals and students facilitates event accommodation in the Center's facilities through University Event Scheduling (UES) and UC Operations. UES also manages the scheduling for all events on campus. The UC provides promotional opportunities for campus events and services through the Information Desk on the 1st floor of Mary Graydon Center. The University Center administrative office is located in Mary Graydon Center 271. For more information, call 202-885-3900 or go to:

www.american.edu/ocl/uc.

The **Student Activities** staff serves as advisors, mentors, and facilitators to the student leaders and members of more than 180 recognized clubs, coalitions, student government departments, and student media groups. The Student Activities team helps to prepare students for life-long learning and global citizenship by promoting and supporting campus activities that appeal to a diverse community. The main goals are to provide students with information on how to get involved in student activities at American University and to provide leaders with the tools they need to be successful. Student Activities is located in Mary Graydon Center 271.

Student Activities Organizations

The broad categories of organizations that Student Activities advises are: American University Club Council associations and clubs, fraternity and sorority life, student coalitions, student government, and student media.

American University Club Council: Associations and Clubs

Many students enhance their collegiate experiences by getting involved in student-sponsored associations and clubs. Student Activities annually recognizes approximately 100 student associations and clubs. These organizations span a wide range of interests, including social life, academics, business, fellowship, music, journalism, service, recreation, and religion, and allow students to develop their talents and enhance organizational skills. Membership in student associations and clubs is open to all registered American University students and can provide opportunities for meeting other students, networking with faculty and staff, learning outside the classroom, and developing leadership skills. For more information or to obtain a complete list of clubs and organizations contact Student Activities at 202-885-3390 or go to: www.american.edu/ocl/activities.

The American University Club Council (AUCC) is the funding board for all clubs recognized by Student Activities. In addition to allocating student activity fees to the clubs the AUCC is responsible for mediating club disputes, encouraging collaboration among clubs, and helping clubs do business more efficiently. For more information, call 202-885-6453 or e-mail aucc@american.edu.

Fraternity and Sorority Life

American University recognizes 38 active fraternities and sororities and three governing councils. The breakdown of chapters includes:

- National PanHellenic Council (NPHC-fraternities and sororities): 5 recognized organizations
- Interfraternity Council (IFC-fraternities): 13 recognized organizations
- Panhellenic Council (Panhel-sororities): 7 recognized organizations with a new organization colonizing in Spring 2014
- National Association of Latino Fraternal Organizations (NALFO): 1 recognized organization (sorority)
- Multicultural Organizations: 2 recognized Multicultural organizations
- Professional/Service Organizations: 10 recognized including Pre-Law/Pre-Med/Honors/Service/Music

Student Coalitions

Coalitions are student-initiated and student-run advocacy and programming groups that are designed to centralize the efforts of many student clubs, and organizations that have a common agenda. Coalitions can also include faculty, staff, and alumni members. Student Activities currently recognizes two coalitions: The Asian Student Alliance and the Community Action and Social Justice Coalition (CASJC). For more information or to obtain contact information for the Student Coalitions, contact Student Activities at 202-885-3390 or go to: www.american.edu/ocl/activities.

Student Government and Graduate Leadership Council

There are two student government organizations advised through Student Activities: the undergraduate Student Government (SG) and the Graduate Leadership Council (GLC).

The Student Government (SG) represents student interests, advocates for student concerns, and provides service to the student body. The SG executive office is the administrative branch of the SG and is located in Mary Graydon Center 270. It can be reached at 202-885-6400 or www.ausg.org.

The Senate is the legislative branch of the SG and is located in Mary Graydon Center 262. The Senate is responsible for allocating student activity fees to SG departments, enacting legislation to further the interests of undergraduate students, approving rules and regulations governing the SG, and acting as a forum for student concerns.

The Student Union Board (SUB) is the social programming division of the Student Government and books bands, comedians, and other talent. The Kennedy Political Union (KPU) is a nonpartisan student lecture bureau. Founded in 1968, KPU has grown into a nationally respected lecture series.

The Graduate Leadership Council (GLC) is the graduate student government at American University. The GLC is composed of the five school/college Graduate Student Council (GSC) presidents, a chair, and a vice chair. The GLC objective is to maximize students' return on their mandatory student activity fees by allocating a greater portion of activity fee revenue to each GSC. The GLC also provides students with opportunities and events more focused on their field-specific interests as well as advocates for graduate student concerns. For more information contact 202-885-2472 or stop by the GLC Office in the Graduate Resource Center, University Library.

Student Media

The student community supports and manages the following campus media through an aggregated website at www.americanstudentmedia.com:

- ATV is a student-operated television station that airs fourteen news, sports, and entertainment programs. Located in Mary Graydon Center 256, ATV broadcasts on two campus-wide channels and broadcasts periodically in the student center. ATV crews have covered the White House, local and campus new events. For more information, go to: www.aumatv.com.
- *American Literary* (AmLit) is AU's award winning literary magazine that publishes twice annually. The magazine solicits artistic and literary contributions from across campus. It is located in Mary Graydon Center 248. For more information, e-mail amlitmag@gmail.com or go to: www.amlitmag.com.
- *American Way of Life Magazine* (AWOL) is a student-run progressive magazine that exists to ignite campus discussion of social, cultural, and political issues, and serve as an outpost for students to explore solutions to local and global problems. For more information, e-mail awolau@gmail.com or go to: www.awolau.org.

- *American Word* a news, entertainment and sports magazine written by students about students and student-related issues. It is published four times per year. For more information www.amwordmag.com.
- *The Eagle* is American University's oldest student publication. It is moving to a web-first orientation and continues to break news for the AU community. The newsroom and business offices are located in Mary Graydon Center 252. To contact *The Eagle*, call 202-885-1400 or go to: www.theeagleonline.com.
- *The Talon*, the American University yearbook, captures the issues, events, and people that mark each academic year. *The Talon* supports a photo collective, a group of forty plus student photographers. The office is located in Mary Graydon Center 250. To contact *The Talon*, call 202-885-1422, e-mail talon@american.edu, or go to: <http://talonyearbook.org/>.
- WVAU is a student-operated, internet radio station that airs a wide range of music, open mic nights and occasional live music events. To contact WVAU, call 202-885-1212 or go to: www.wvau.org.

Wellness Center

The Wellness Center provides health education resources and programs for AU students. Wellness encompasses many dimensions, including physical wellness, emotional, spiritual and social wellness. The primary goal of the Wellness Center is to help students develop positive, healthy lifestyles which will endure throughout a lifetime. Peer Education and professional staff outreach initiatives include residence hall programs, a campus-wide Wellness Fair, alcohol and other drug education programs, nutrition, eating disorder, and body-image awareness, and education/prevention programming targeting relationship and sexual violence.

Career Services, Internships, and Merit Awards

Career Center

Consistently ranked among the top 20 best career services by The Princeton Review, the AU Career Center provides undergraduate and graduate students with career, internship, graduate school, and merit awards advising; self-assessment tools; networking, resume, cover letter, and interview coaching; workshops and programs; online internship and job listings; recruitment events and on-campus interviews; a career resource library; online interactive tools; and instructional blogs and videos.

The Career Center serves all undergraduate and graduate students in the College of Arts and Sciences, School of Communication, School of International Service, and School of Public Affairs. Kogod School of Business and Washington College of Law students are served by their respective centers. The Career Center is located on the fifth floor of Butler Pavilion. For more information, contact the Career Center at 202-885-1804 or visit www.american.edu/careercenter.

Career education is a lifelong process and the Career Center is the place to begin. The Career Center offers a sequence of services designed to accompany and enhance students' academic studies. These integrated, comprehensive career services are available for American University students and alumni.

Students are encouraged to use the Career Center's services to develop career awareness as early as possible. The center's advisors help students to obtain internship experience related to their academic and career goals. Advisors also provide students and alumni with career decision-making assistance, job-search coaching, graduate school advising, and the latest information on employment trends and instructional technologies. The Out-

reach and Marketing team helps to connect students with alumni and employers through networking events, job and internship fairs and listings, on-campus interviews, and employer presentations. Additionally, the Office of Merit Awards helps undergraduate and graduate students to identify, prepare, and apply for a variety of nationally competitive, merit-based scholarships and fellowships (primarily for use after graduation).

All Career Center services may be pursued concurrently with classroom learning throughout students' academic programs. The following is a summary of career decision-making steps for each year of academic study:

Freshman: Explore academic majors and career options through a process of self-assessment. Use tools such as the Myers-Briggs Type Indicator (MBTI) and Strong Interest Inventory to identify interests, skills, personality traits, and work values in relation to possible career paths.

Sophomore: Declare academic majors/minors, continue to explore long-term career options, develop resumes and cover letters, gain hands-on experience through internships, and explore options for nationally competitive, merit-based scholarships.

Junior/Graduate Student: Focus on particular career fields of interest and gain relevant experience through internships. Network and conduct informational interviews with alumni and strengthen skills through mock interviews. Explore options for further study through graduate school or nationally competitive scholarships.

Senior/Graduating Master's Student: Determine and pursue post-graduate goals for employment, post-graduate study, or other intentional plans.

Advising Services

Self-Assessment and Career Exploration

Students may utilize self-assessment tools to identify their career interests, skills, personality traits, and work values, and then meet with a career advisor to interpret and apply the results. Popular assessments include the Myers-Briggs Type Indicator, Strong Interest Inventory™, Self-Directed Search, Career Values Test, and My Next Move. Students may also explore the connection between their academic and career interests with career guides, developed specifically for AU students.

Jobs and Internships

Students may meet with a career advisor, student peer advisor, or alumni guest advisor to discuss a wide range of topics pertaining to their job or internship search. Advisors provide expert guidance on search strategies, resume and cover letter writing, online branding, networking, interviewing, negotiating offers, and other related topics. Scheduled appointments are available in person or via phone or Skype. Advisors are also available on a drop-in basis at various locations around campus.

Graduate/Professional School

Students may work with a career advisor every step of the way, from exploring and researching graduate/professional schools to applying and preparing for interviews. Advisors coach students through individual appointments, specialized workshops, and mock interviews.

Career Resources

Career Resource Library

An extensive collection of books, periodicals, handouts, and career directories is available to aid students in their career exploration, internship and job search, and graduate school preparation. Career Center peer advisors are on hand to help students navigate the library resources. One computer is equipped with software providing access for visually impaired students.

Online Tools

Students may access numerous online resources anytime, anywhere. Interactive tools such as resume and cover letter builders and video mock interviews enable students to prepare for more in-depth advising appointments and strengthen necessary job-search skills. Instructional blogs and videos offer insight from fellow students, and resources such as Going Global provide extensive information about international careers and opportunities.

Employment Services

Job and Internship Listings

Students may learn about and apply for thousands of jobs and internships posted by employers in AU CareerWeb.

Job and Internship Fairs

Each fall and spring, students are invited to meet with representatives from more than 125 public, private, and nonprofit organizations at the fair in Bender Arena.

AU Resume Book

Students may choose to be featured in the AU Resume Book, which employers search to quickly identify candidates with certain skills and experiences.

On-Campus Recruiting

Students who maintain active profiles in AU CareerWeb may apply for a variety of internships and jobs, and ultimately interview with recruiters who visit campus each semester.

Employer Information Sessions

Students may attend on-campus presentations and learn about numerous organizations, career fields, interview processes, and hiring trends within a variety of industries.

Alumni Networking

Students may connect with AU alumni for career advice and job or internship leads through AU's online community, LinkedIn, and numerous on-campus networking events throughout the year.

Public Service Work Study Program

Students granted Federal Work Study as part of their financial aid packages may earn their awards and gain relevant professional experience through part-time employment with select nonprofit organizations and government agencies.

Internships

In order to integrate the academic curriculum with professional experience, American University's academic internships enable students to earn credit for field experience related to their education and career goals. Students may choose to intern for credit but are not required to do so. Most internships for credit are part-time. Some positions are paid. Opportunities exist with private businesses; local, state, and federal governments; and nonprofit, social service, and international organizations.

Faculty from all university departments guide and evaluate students' experiential learning through academic internships. These experiences enable students to explore academic and career options, make career decisions, and prepare for entry into either an advanced degree program or the professional job market. Personal development, acquisition of independent learning skills, and a balanced education are other significant benefits to students participating in internships.

Eligibility and Degree Credit for Academic Internships

Opportunities are open to qualified degree-seeking undergraduate and graduate students. Applicants must be in good academic standing and must obtain approval from appropriate academic advisors. Undergraduate students must have completed at least the freshman year (30 credit hours) or a full semester as transfer students (12 credit hours). Schools or departments may stipulate additional eligibility criteria.

There is no guarantee of selection, nor is a student obligated to accept offers of employment. However, once hired under the auspices of the university's internship program, a student is expected to complete all employment and academic obligations agreed to at the time of registration.

Working with a career advisor, qualified candidates apply directly to the employers. Students register for credit (with their academic advisor or faculty supervisor) once an employer selects them for a position.

Internship positions must be reviewed and approved for credit by department faculty. Hundreds of academic and non-academic internships are listed in AU CareerWeb each term, and students may propose internships of their own design. On average, internships involve 7-10 hours per week for up to 2 credit hours, 14 hours per week for 3 credit hours, and 18-26 hours per week for 4 to 6 credit hours. Students are required to demonstrate what they have learned through written journals, papers, reports, portfolios, conferences, seminars, or other assignments. Specific requirements are set by internship faculty in their syllabi. All credit-bearing internships are for a minimum of 14 consecutive weeks per term and should include no more than 15 percent of clerical work.

International Internships

Credit-based internship opportunities are available abroad. Students should have a demonstrated knowledge of the language of the country in which they expect to work as well as previous work experience. Several months' lead time is essential to work toward securing an international internship. For more information, visit www.american.edu/careercenter/intern or schedule an appointment with a career advisor.

Office of Merit Awards

The Office of Merit Awards helps enrolled students prepare applications for highly competitive, merit-based scholarships and fellowships such as the Boren Undergraduate Scholarship and Graduate Fellowship, Harry S. Truman Scholarship, Fulbright Grant, and Pickering Foreign Affairs Fellowships. In 2011-2012, AU students and alumni earned more than 90 national merit awards and enjoyed opportunities to pursue challenging internships, research or work abroad, and advanced degrees.

Students work with merit awards advisors to identify appropriate awards and prepare competitive proposals. Students should begin thinking about awards as early as their sophomore year and may be invited to participate in the Early Identification Program (EIP) if they have achieved a high degree of academic success during their freshman year.

The Office of Merit Awards is located in Letts Lower Level, Suite Six. For more information, visit www.american.edu/careercenter/meritawards.

Admissions

Undergraduate Admission Requirements

To request application forms or for more information:
phone: 202-885-6000 e-mail: admissions@american.edu

Applicants may use the paper or online version of the Common Application.

Applicants are responsible for requesting that letters of recommendation and official transcripts and test scores be sent directly to the Admissions Office. American University's SAT and TOEFL code is 5007, and the ACT code is 0648.

International applicants should refer to www.american.edu/international/index.cfm for additional instructions.

American University requires all applicants whose first language is not English, regardless of citizenship, to demonstrate English-language proficiency. For more information, see **English Language Requirements**.

Freshman Admission Requirements

To be considered for admission, applicants should:

- Have graduated from a secondary school with at least 16 academic units, including at least four units in English, three units in college preparatory mathematics (including the equivalent of two units in algebra and one unit of geometry), two units in foreign language(s), two units in lab science, and two units in social sciences.

Applicants who hold General Education Diplomas (GEDs) may be admitted on the basis of satisfactory performance on SAT, ACT, and other such tests and transcripts.

- Have a minimum academic average of above C.
- Submit the results of either the SAT Reasoning test or the ACT with writing or choose the option to apply without standardized testing at the time of application. Prospective students interested in applying without standardized testing should refer to www.american.edu/admissions/testoptional.cfm for more information.

Also recommended are the SAT Subject Mathematics Level II test (a score of 650 in Math II will fulfill the University Mathematics Requirement) and Foreign Language SAT

Subject test for applicants who plan to continue the study of a foreign language begun in secondary school.

Transfer Admission Requirements

Students who wish to be considered for transfer admission must be in good academic and social standing at the school previously attended. All applicants with a cumulative grade point average of at least 2.00 on a 4.00 scale from all schools attended (at AG-rated regionally accredited institutions) will be considered. However, to be considered competitive for admission, applicants need a minimum grade point average of 2.50.

Applicants to individual schools should have maintained a cumulative minimum grade point average (on a 4.00 scale) from all schools attended as follows:

Kogod School of Business	2.50
School of Communication	2.50
School of International Service	3.00
School of Education, Teaching, and Health (College of Arts and Sciences)	2.70
School of Public Affairs	2.50

Transfer applicants must request each collegiate institution previously attended to send an official transcript of all work completed directly to the Admissions Office. Attendance at all institutions must be reported *whether or not credit was earned* and whether or not transfer credit is desired. Failure to report all previous academic work will be considered sufficient cause for rejection of an application or for dismissal from the university.

Transfer applicants with fewer than 24 credit hours completed at the time of application should also submit the secondary school record and standardized test scores.

General Admission Information

Deadlines for Admissions Applications

US Freshman Admissions Application Deadlines

- Fall Semester Early Decision: November 15 for ED I
- Fall Semester Early Decision: January 15 for ED II
- Fall Semester Regular Decision: January 15
- Spring Semester: October 1
- Summer Semester: April 1

US Transfer Student Admission Application Deadlines

- Fall Semester: March 1 for priority consideration/
financial aid
- Fall Semester: July 1
- Spring Semester: November 1
- Summer Semester: April 1

International Freshman Admission Application Deadlines

- Fall Semester Early Decision: November 15 for ED I
- Fall Semester Early Decision: January 15 for ED II
- Fall Semester Regular Decision: January 15
- Spring Semester: September 1

International Transfer Admission Application Deadlines

- Fall Semester: May 1
- Spring Semester: September 1

Due to visa regulations, international students may have restrictions on applying for admission for the summer term. For more information, contact International Student & Scholar Services (ISSS) at 202-885-3350.

University Honors Program Admission

Incoming freshmen are admitted by invitation to the University Honors Program; there is no separate application to apply. The top applicants for admission to the university will be considered for the program and will be notified of this decision along with their admission letter. Admission to the Honors Program is highly competitive, and the academic qualifications of each student are carefully considered. While strong high school grades and standardized test scores certainly weigh heavily, more important is evidence of a strong motivation to learn several things well and a demonstrated passion for a particular subject. Strong candidates for the Honors Program are self-motivated and find ways to connect their interests, school work, and the real world. Freshman and sophomores who were not invited as freshman but who demonstrate academic excellence, such as a cumulative grade point average of 3.60 or higher, rigorous coursework, innovative research, etc., may nominate themselves for admission to the program after completing two full time academic semesters at American University. To begin the nomination process, students should contact the University Honors Center at honors@american.edu.

Effective fall 2014, admissions and requirements for the University Honors Program will be restructured. For more information, go to www.american.edu/provost/honors/.

Notice of Admission

Regular Decision freshman applicants whose applications and supporting documents have been received by the Admissions Office by January 15 are notified of the decision on their applications by April 1.

Early Decision round I (ED I) applicants are notified of the decision by December 31; at that time ED I applicants may be admitted, denied admission, or deferred until the general admission date of April 1. Early Decision round II (ED II) applicants are notified of the decision by February 15; at that time ED II applicants may be admitted, denied admission, or deferred until the general admission date of April 1.

Transfer applicants are notified of decisions as they are made.

Full-time undergraduates are required to pay a nonrefundable tuition deposit to reserve a place in the class.

Complete detailed instructions for replying to the admission offer are provided with the notice of acceptance.

Early Admission

American University offers the opportunity for admission a year earlier than normal to freshman applicants whose ability, academic achievement, and general maturity indicate that they are ready to begin collegiate work.

Applicants are considered on their own merit. However, the major factors important to evaluation are:

- the secondary school record, with special reference to grades achieved and the pattern of courses taken;
- performance on the Scholastic Assessment Test I (SAT I) or the American College Test (ACT);
- the recommendation of the secondary school principal or counselor and two teacher recommendations;
- a letter from the applicant stating the reasons for seeking early admission; and
- possibly, an interview with a screening committee.

Early Decision

Freshman applicants whose first choice is American University are encouraged to apply as Early Decision candidates. Students admitted under the Early Decision plan learn of their admission early and receive first consideration for scholarships, financial aid, housing, and registration. The university, in turn, is assured that these students will enroll if admitted.

The university offers two Early Decision (ED) options. The deadline for applying for ED I is November 15 with notification by December 31. The deadline for ED II is January 15 with notification by February 15. All documents, including the \$70 application fee, must be on file with the Admissions Office by the respective deadlines. Early Decision applicants may initiate applications to other schools before notification, but if they are admitted to American University as Early Decision candidates, they must submit a tuition prepayment by January 15 for ED I or March 1 for ED II and withdraw all applications to other colleges and universities.

Early Decision applicants are evaluated by the same criteria as all other freshman applicants. They may be admitted to the

university in December (or February for ED II), denied admission, or have their application deferred until the Regular Decision reply date of April 1. Students deferred until April are released from the commitment to attend if admitted.

Learning Services Program

American University offers a structured program for entering freshmen with learning disabilities who are seeking additional support. Students interested in the Learning Services Program must identify themselves in the regular admissions process and submit a supplementary application to the program at the time they apply to the university. Further information is available from the Academic Support and Access Center at 202-885-3360 or asac@american.edu.

Admission from Nondegree Status

Students wishing to transfer from nondegree status at American University to undergraduate degree status must submit a formal application for admission to the Admissions Office. If a student is accepted into an undergraduate degree program, a maximum of 30 credit hours may be transferred from nondegree status to the degree program.

Admission for Part-time Study

An undergraduate student enrolled in fewer than 12 credit hours is considered a part-time student. Part-time degree applicants are required to meet the same standards for admission as full-time freshman or transfer applicants.

Applicants considering part-time study in a degree program are cautioned that they may be unable to complete the necessary course work for some degree programs by attending evening classes only. Before applying they should consult with the department of their proposed major to ascertain whether the required courses will be available to them.

Readmission

An undergraduate student whose studies at the university are interrupted for any reason for a period of one semester (excluding the summer sessions) must submit a formal application for readmission and a reapplication fee to the Admissions Office at least two months before the beginning of the semester or summer session for which the student wishes to be readmitted, unless written permission to study at another collegiate institution was secured in advance or the student has been granted an official temporary leave.

Students who were in good standing when they left the university and who have maintained a satisfactory grade point average at another school are virtually assured readmission. It is to a student's advantage to apply for readmission as early as possible so that he or she may register during the advance registration period.

A student who is readmitted is subject to the academic requirements and regulations in effect at the time of readmission.

Graduate Admission Requirements

Admission to Degree Programs

Application for graduate study is made directly to the academic unit offering the degree program. Applicants are admitted to a particular program for a specific degree objective. Applicants are admitted to either full or provisional status.

Applicants are responsible for requesting that official transcripts and test scores be sent directly from the issuing institutions to the appropriate graduate admissions office. *Attendance at all institutions must be reported whether or not credit was earned.* Failure to report all previous academic work (undergraduate and graduate) will be considered sufficient cause for rejection of an application or for dismissal from the university.

International applicants should refer to **International Student Admission** for additional instructions. American University requires all applicants whose first language is not English, regardless of citizenship, to demonstrate English-language proficiency. For more information, see **English Language Requirements**.

Minimum Requirements for Full Admission

The minimum university admission requirements for graduate study are outlined below. Please refer to the appropriate college, school, and department program requirements for additional requirements.

Applicants must hold an earned baccalaureate degree from an institution accredited by one of the six United States regional accreditation agencies or a degree equivalent to a four-year US baccalaureate degree from an international institution with a similar level of accreditation or recognition by its home country. Assessment of a foreign degree will be based upon the characteristics of the national system of education, the type of institution attended, its accreditation, and the level of studies completed. Applicants must provide proof of an undergraduate degree with an original certified transcript. Responsibility for the verification and approval of documents supporting graduate applications and the minimal requirements for full admission rests with the admissions office in each academic unit.

Applicants may be admitted without reference to their baccalaureate record if they earned at least a 3.30 cumulative GPA in a master's degree program completed at a regionally accredited institution or if they earned at least a 3.50 cumulative GPA for the last 12 credit hours of a master's or doctoral degree program still in progress.

Provisional Admission

Students, including international students, who do not meet the above GPA requirements may be admitted with provisional status. Students who are admitted provisionally must have a cumulative GPA of at least 3.00 after the completion of the first 9 credit hours of graduate study at AU, or they will be academically dismissed. Specific degree programs may establish additional requirements.

Admission to Joint Degree Program

Admission procedures for joint degrees vary by individual program but each academic unit administering the joint degree must review applications and make admission decisions. While all units review the application, the student's home school is the one to which he/she applies.

Admission to Combined Bachelor's/Master's Program

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Admission to Dual Degree Program

For admission to an approved dual degree program, the student must meet the admission criteria for each of the degrees and must be admitted separately to each degree program. The student must be admitted to the second program before completing the first. Admission to one degree program does not guarantee automatic admission to a second. Each admission decision is separate, and conducted according to established procedures for the specific degree. The student must take all admission examinations required by each of the graduate programs.

Admission with Nondegree Status or to Certificate Programs

Nondegree Admission

Admission to attend classes with nondegree status is open to applicants who have a bachelor's degree or the equivalent. Enrollment as a nondegree student does not guarantee acceptance into a degree program. Students must have approval of the instructor to enroll in a class with nondegree status.

Admission to Post-Baccalaureate for-Credit Certificate Programs

Admission to attend classes in post-baccalaureate for-credit certificate programs is open to applicants who have a bachelor's degree or the equivalent. Enrollment as a post-baccalaureate student does not guarantee acceptance into a degree program.

Admission from Nondegree Status or Post-Baccalaureate Certificate Program to Graduate Degree Program

Students who have nondegree status or who are enrolled in a post-baccalaureate graduate certificate program at AU may be admitted to a graduate degree program following completion of the regular applications process. Graduate programs may approve specific credit hour limits and relevant coursework earned in nondegree status or in a post-baccalaureate certificate program for transfer to a degree program, but no more than 12 credit

hours can be transferred for credit towards a degree. Academic unit policies regarding the approval of semester credit hours of coursework earned in nondegree status or in a post-baccalaure-

ate certificate program must be posted and publically available on the departmental website.

International Student Admission

The following regulations apply to all students who are not citizens or “permanent residents” of the United States of America.

All international students applying for admission must submit the appropriate documents well in advance to undergraduate admissions or to the graduate office of the school or college to which they are applying. Photocopied or faxed documents are not accepted for evaluation purposes. Transcripts for international applicants must be submitted for all secondary and/or postsecondary schools attended. Documents must be in the language of instruction of the issuing school and must be accompanied by an official English translation.

In addition to academic requirements for admission, international students, for purposes of obtaining a visa to study in the United States, must also provide proof of financial ability. To determine the required amount, they should consult the Cost Guides on the ISSS website:

www.american.edu/ocl/iss/Student-Cost-Guide.cfm.

Visa Requirements

Students in nonimmigrant F-1 or J-1 status are required by Department of Homeland Security (DHS) regulations to enroll for and maintain a full-time course load during the fall and spring semesters. If the student’s first term is a summer session, the full-time course load requirement will apply for that summer. It is the individual student’s responsibility to comply with immigration regulations.

To meet the full-time course load requirements at American University each semester, undergraduate students are required to register for a minimum of 12 credit hours, graduate students for a minimum of 9 credit hours, and law students in the master’s program for a minimum of 8 credit hours. Any change in registration which results in a course load below these minimum requirements must be authorized by International Student & Scholar Services (ISSS) in consultation with the student’s academic advisor.

Students in F-1 or J-1 status who fail to meet these requirements are considered by the Department of Homeland Security to be “out-of-status” and lose their eligibility for all immigration benefits including on-campus employment and practical training and may be subject to deportation.

Students in F-1 or J-1 status are reminded that a change from one US educational institution to another or a change of program within the same educational institution must be made according to immigration regulations. At American University such changes are processed through International Student & Scholar Services (ISSS), Butler Pavilion 410.

Students in Exchange Visitor (J-1) status requesting a transfer to American University should consult with ISSS before registering for classes. Transfer from one exchange visitor program to another requires a release from the previous program sponsor and/or the approval of the Department of State and DHS. It is advisable that all students entering the university in J-1 status at the time of admission consult with ISSS before registering for classes.

Questions concerning immigration regulations should be directed to International Student & Scholar Services (ISSS), Butler Pavilion 410; telephone 202-885-3350; fax 202-885-3354. Regular office hours are Monday through Friday, 9:00 am to 5:00 pm.

English Language Requirements

Applicants whose native or first language is not English must demonstrate proof of language proficiency by submitting satisfactory results from one of the following:

- English proficiency tests (specific scores that confer a passing grade on these exams can be obtained from AU’s International Student and Scholar Services (ISSS) at: www.american.edu/ocl/iss/English-Requirements.cfm)
 - Test of English as a Foreign Language (TOEFL);
 - International English Language Testing System (IELTS);
 - Pearson Test of English-Academic (PTE-Academic); or
 - Successful evaluation of the Kansas Test administered by the ISSS office at AU.
- Successful completion of the highest level of course work in an approved intensive English-language program recognized by AU.
- An earned bachelor’s degree from an accredited or approved institution where the medium of instruction is in English.

Registration, Tuition and Expenses, and Financial Aid

Registration

Student Responsibility

Students are responsible for their behavior, academic and otherwise, at American University. American University expects that students, as mature members of the academic community, will adhere to the highest standards of personal and academic integrity and good taste.

To protect their academic status, students should seek the appropriate approval of their academic program advisors. It is highly recommended that students keep their own records of all transactions with the university (grade reports, registration schedules and changes, incomplete forms, etc.).

It is also advisable to keep copies of all tests and papers submitted in fulfillment of course work.

Academic Advising

Academic advising is an essential element of the educational process. American University requires advisor/student conferences at least once a semester, but students have the responsibility for selecting their courses, meeting course prerequisites, and adhering to university policies and procedures. The advisor assists the student in obtaining a well-balanced education and interprets university policies and procedures.

Students should be aware of the university's many advising resources and utilize these resources as needs arise. Students may consult faculty and peer advisors, department chairs, deans, and student support services throughout the university. The university has the responsibility to ensure that advising resources maintain high standards for serving students effectively and efficiently.

The university uses a degree audit system to track undergraduate students' academic progress. The degree audit report displays academic program requirements completed and to be fulfilled. Prior to an official declaration of major, the reports are based on requirements for the student's intended major. Students are encouraged to obtain a degree audit online from their myau.american.edu account each semester. Students may also request a copy of their degree audit report from their advisor or the Office of the University Registrar.

Continuing Degree and Nondegree Student Registration

Note: International students in F-1 or J-1 student status are not eligible to enroll as nondegree students. International students in F-1 or J-1 student status should refer to specific instructions for international students.

Currently-enrolled students receive registration information through their American University e-mail account each fall (for spring registration) and spring (for fall and summer registration).

Students should follow these directions:

1. Check their AU e-mail account for information concerning registration.

2. Schedule an appointment with their academic advisor.

Nondegree students receive academic advising and registration assistance through the academic department in which they intend to study.

3. Before meeting with an academic advisor, students should produce a degree audit report from their myau.american.edu account and prepare a draft course schedule. It is their responsibility to select a schedule of courses that is free of day/time conflicts. For updated schedule information check:

www.american.edu/provost/registrar/schedule/index.cfm.

4. With the advisor, students confirm or revise their semester course schedule. The advisor will enter an electronic signature into the student registration system to document authorization of the registration. This approval must be in the system before a student will be allowed to register for classes.

5. Students must meet all the prerequisites and obtain all required approvals and authorizations for the courses for which they intend to register and will only be permitted to register for courses for which they have met the prerequisite or received a waiver.

In addition to meeting course prerequisites, all students wishing to take courses in Applied Music (Department of Performing Arts), the Kogod School of Business, and the School of Communication must obtain approval from the department or school. Students must obtain all permissions or prerequisite waivers from the appropriate departments prior to registration.

30 Registration, Tuition and Expenses, and Financial Aid

6. Students must clear any outstanding financial or other stops before attempting to register.

7. Students will confirm the dates when they are eligible to register. Undergraduate students may register starting on the date corresponding to their completed credits.

8. Students will log onto myau.american.edu, go to "Academics" and then "Course Registration," and follow the instructions for registration. Before processing a registration, students should verify that their chosen course sections are still open. To view the Schedule of Classes from myau.american.edu, click on Schedule of Classes: General from the Learn @ AU menu. Admission to courses is subject to space availability and confirmation of eligibility.

The following are not available for web registration: internship, independent research or reading, community service-learning projects, consortium, Washington Semester or AU Abroad programs, alumni audit, continuing enrollment, maintaining matriculation (graduate students), and any courses with a variable credit value.

Once registered, students can view their semester schedules at "My Schedule" (under "Academics"). To make registration changes (add/drop) within permitted time periods, go to "Course Registration" and follow the instructions to add or drop courses.

See **Changes in Registration** for more information on adding and dropping courses.

Special Departmental Requirements for Nondegree Students

Departmental approval must be obtained for nondegree registration in courses at the 600 or 700 level.

School of International Service (SIS): Approval must be obtained for all courses at the 500, 600, or 700 level.

Kogod School of Business (KSB): Approval must be obtained for nondegree registration in all KSB courses. In addition, nondegree students must demonstrate that prerequisites have been met. If prerequisites have been completed at a college or university other than American University, students must provide copies of appropriate transcripts. Graduate students must have satisfactory GMAT scores, and a satisfactory grade point average in the last 60 hours of undergraduate work. Students must provide copies of all undergraduate and graduate transcripts and GMAT results.

School of Communication (SOC): Approval must be obtained for nondegree registration in all SOC courses.

First-Time Degree and Nondegree Student Registration

Note: All F-1 and J-1 international students who are enrolling at American University for the first time or for a new program are required to bring to International Student & Scholar Services (ISSS) their passport, I-94, and I-20, or DS-2019. Non-native speakers of English, regardless of citizenship, must take an English language proficiency test before they register. International students in F-1 or J-1 student status should refer to specific instructions for international students. International students in

F-1 or J-1 student status are not eligible to enroll as nondegree students.

Students should follow these directions:

1. Schedule an appointment with your academic advisor. New nondegree students must meet with an advisor in the school or department in which they intend to study.

2. With the advisor, students will select a semester course schedule. The advisor will enter an electronic signature into the student registration system to document authorization of the registration. This approval must be in the system before a student can be registered for classes.

For updated schedule information check:

www.american.edu/provost/registrar/schedule/index.cfm

Students must meet all the prerequisites and obtain all required approvals and authorizations for the courses for which they intend to register. Students will only be permitted to register for courses for which they have met the prerequisite or received a waiver.

In addition to meeting course prerequisites, all students wishing to take courses in Applied Music (Department of Performing Arts), Kogod School of Business, and School of Communication must obtain approval from the department or school. Students must obtain all permissions or prerequisite waivers from the appropriate departments prior to registration.

3. New students begin registering after the beginning of General Registration for the semester once they have approval from their advisor. Initial registrations for all new students must be processed in consultation with an academic advisor. Admission to courses is subject to space availability and confirmation of eligibility.

New undergraduates should contact their advisor to make any changes to their course registration prior to the first day of classes for the semester. New graduate students may add and drop courses online at any time after their initial registration until the deadline by logging onto myau.american.edu.

See **Changes in Registration** for more information on adding and dropping courses.

Special Departmental Requirements for Nondegree Students

Departmental approval must be obtained for nondegree registration in courses at the 600 or 700 level.

School of International Service (SIS): Approval must be obtained for all courses at the 500, 600, or 700 level.

Kogod School of Business (KSB): Approval must be obtained for nondegree registration in all KSB courses. In addition, nondegree students must demonstrate that prerequisites have been met. If prerequisites have been completed at a college or university other than American University, students must provide copies of appropriate transcripts. Graduate students must have satisfactory GMAT scores, and a satisfactory grade point average in the last 60 hours of undergraduate work. Students must provide copies of all undergraduate and graduate transcripts and GMAT results.

School of Communication (SOC): Approval must be obtained for nondegree registration in all SOC courses.

International Student Registration

In addition to the registration procedures for continuing or new degree students, the following steps must be taken by international students (students who are not US citizens or permanent residents):

- All F-1 and J-1 international students who are enrolling at American University for the first time or for a new program are required to bring to International Student & Scholar Services (ISSS) their passport, I-94, and I-20, or DS-2019.
- International students are not required to obtain an international student advisor's signature to register unless they are registering for an internship.
- International students in F-1 and J-1 status are required to register full-time (at least 12 credit hours for undergraduates and 9 credit hours for graduate students) for each semester. International students with F-1 or J-1 visas who intend to initially register for less than full-time credit hours should first consult with an international student advisor. International students who register for less than a full course load are required to obtain written permission from ISSS each term. Failure to do so may result in loss of immigration status.
- Students in B-1/B-2 status are not eligible to register for academic coursework. For more information regarding this DHS regulation, please contact the International Student & Scholar Services office.
- Audit courses are not counted toward a full course of study for the purpose of maintaining an F-1 or J-1 status. Therefore, F-1 and J-1 students may audit courses only if they are registered full-time for courses taken for credit.

SEVIS: Student and Exchange Visitor Information System

Universities enrolling F-1 and J-1 students are required to report to the DHS any student who fails to maintain status, fails to enroll, or who completes his or her program. In addition, each term and no later than 30 days after the beginning of the semester, universities are required to report the following registration information:

- 1) full-time registration or authorization for reduced coursework; and
- 2) current address of each enrolled student.

Finally, ISSS reports to DHS immediately if students withdraw, take Temporary Leave, or drop below full-time registration without ISSS authorization.

Questions concerning DHS regulations should be directed to International Student & Scholar Services (ISSS), Butler Pavilion 410; telephone 202-885-3350; fax 202-885-3354. Regular office hours are Monday through Friday, 9:00 am to 5:00 pm.

Special Registrations

Audit Registration

Note: International students in F-1 or J-1 visa status should not audit courses. Audit courses are not counted toward a full course of study for the purpose of maintaining an F-1 or J-1 status. Therefore, F-1 and J-1 students may audit courses only if they are registered full-time for courses taken for credit.

Students who attend a class but do not wish to receive a final grade or credit for the course must register as an auditor. Tuition and fees for auditors are the same as those for students registering for credit. Changes to or from audit may be made through the eighth week of the semester. Audit registration is subject to the same regulations as credit registration. Faculty may establish standards of class participation and attendance for auditing that must be met if a student is to remain in audit status. To register as an auditor, choose "Audit" as the grade type when processing a registration.

Internship Registration

An internship is a combination of academic study and substantive paid or unpaid work experience, approved by a supervising faculty member in advance. Registration for internships is open to qualified degree students in good academic standing. Academic departments may have additional requirements, but generally the prerequisite for registration at the undergraduate level is completion of 30 credit hours of course work (12 credit hours for transfer students) with a minimum grade point average of 2.0.

The maximum number of internship credit hours that may count toward an undergraduate major is six credit hours. Students may take up to a maximum of 12 internship credit hours that count toward the 120 credit hours of undergraduate degree program. Customarily, students will not have more than 6 internship credit hours in any graduate program and some programs may set lower limits. To receive academic credit, the work for the internship must be more substantive than administrative, with non-administrative work comprising in general at least 85% of the work performed.

All students are encouraged to work with an advisor in the Career Center. For additional information about internships, call or visit the Career Center, Butler Pavilion 5th floor, 202-885-1804. Information is also available at: www.american.edu/careercenter.

Registration for internships is during the registration period for the fall or spring semester or summer session. Students may add these courses until the end of the second week of classes in the fall and spring semesters.

Students must have met all prerequisites, secured the work position, and confirmed their work schedule with their site supervisor prior to registration. The student and supervising faculty member must agree upon and document the credit value of the experience, depending on the nature of the academic component and the number of hours required for the work component. The recommended standards for academic credit may vary but typically are: 7-10 hours per week for 1-2 credits; 14-18 hours

per week for 3-4 credits; and 22-26 hours per week for 5-6 credits. Students work throughout the term (14 weeks or more).

Students must submit a completed and approved Internship Registration Form, along with the Internship Consent and Release Form to the Office of the University Registrar. Forms are available at: www.american.edu/provost/registrar/pdf/list.cfm.

Independent Study Registration

Students in good academic standing generally may register for two types of independent study. In an Independent Reading course, a student will read a body of material with a minimum of formal instruction. In an Independent Research project, the student will research a topic agreed upon by the student and the instructor. Individual academic units may have restrictions on this policy.

Before processing registration for these courses, the student and the supervising faculty member must agree upon and document the title, objective, scope, and credit value (1-6) of the project to be pursued. The department chair or program director must approve the project and faculty member's involvement. In particular, he or she must attest that the project does not duplicate a course already offered in the semester's schedule which would be available to the student.

Independent study may not be used as credit toward the College Writing or University Mathematics requirements, or toward General Education. Independent study that substitutes for a major requirement must be approved by the teaching unit chair or equivalent. For selected courses, a temporary grade of IP (course in progress) may be assigned, at the discretion of the instructor, at the conclusion of the semester of registration.

Students must submit a completed and approved Independent Study Registration Form to AU Central. Forms are available at: www.american.edu/provost/registrar/pdf/list.cfm.

Community Service-Learning Projects

Undergraduate students may have the opportunity to earn credit for community service performed in conjunction with courses in which they are enrolled. In addition to at least 40 hours of approved field work, community service-learning projects require an academic component related to the course with which the service project is associated. Students earn one credit for each community service-learning project they successfully complete, with a maximum of three credits applied to graduation. Credit earned for a community service-learning project cannot be used to fulfill requirements for General Education, College Writing, or University Mathematics requirements. Only the pass/fail grading option is available. Permission of the instructor of the course is required. The Office of Campus Life certifies community service organizations and provides orientation sessions for students. For more information on registration for Community Service-Learning Projects, go to www.american.edu/ocl/volunteer.

Consortium Registration

The Consortium of Universities of the Washington Metropolitan Area combines the resources of area universities and colleges. In cooperation with the Catholic University of America,

Corcoran College of Art + Design, Gallaudet University, George Mason University, The George Washington University, Georgetown University, Howard University, Marymount University, Trinity Washington University, the University of the District of Columbia, and the University of Maryland-College Park, American University offers qualified degree students the opportunity to enroll for selected courses at any of these institutions.

With the appropriate approvals, undergraduate and graduate degree students may take courses for AU residence credit at member institutions of the Consortium of Universities of the Washington Metropolitan Area, provided the course is not offered at American University. Off-campus courses, courses in law and medicine, independent study and reading courses, special institutes, and noncredit courses (except ROTC at Georgetown and Howard) are excluded from the consortium.

To be eligible for this program, students must be fully admitted degree students who are actively enrolled and in good academic standing. Course registration must be approved by the American University dean or department chair of the field of study for which registration is requested and by the Office of the University Registrar. Students are responsible for securing approval at the cooperating institution when requested.

American University students pay the American University tuition rate. Students registering for consortium courses at all universities will be billed for any special fees (such as lab fees) for the course. Consortium registration can be confirmed only after classes begin at the visited school. Students will be guided by the policies and deadlines of the home institution.

For course selection eligibility and registration, contact the Consortium Coordinator for Student Services in the Office of the University Registrar at 202-885-2208. Information on the Consortium is also available at www.consortium.org.

Maintaining Matriculation

Students whose degree requirements are not completed and who have not been granted a temporary leave must register each fall and spring semester during regular registration periods for courses, thesis or dissertation seminars, continuing enrollment, doctoral dissertation, or maintaining matriculation. Those who do not will be considered as having separated from the university. Such students may then reapply and, if readmitted, are governed by requirements and regulations in effect at the time of readmission.

During a semester when a graduate student is not enrolled in credit course work but is utilizing the services of the university (e.g., to prepare for comprehensive examinations or complete research for the thesis or dissertation), the student maintains enrolled status by registering for continuing enrollment, doctoral dissertation, or maintaining matriculation. These courses may have specific requirements as to when and for how many semesters students enroll in them.

Students who change degree objective, college, or school, whose candidacy for an advanced degree expires, or who choose to conform to new regulations or requirements must be prepared to complete all requirements and abide by all regulations in effect at the time such a change is made.

Alumni Audit Registration

Individuals who have earned a degree from American University who are in good financial standing with the university may enroll in one course each fall, spring, and summer semester as alumni auditors. No credit is given for courses taken through this program, and courses will not appear on student transcripts. Alumni who wish to receive credit for courses must register as nondegree students and pay tuition at the prevailing rate. Alumni who are also currently enrolled in a second degree program at AU may participate in the alumni audit option, except in courses for their degree program. Alumni auditors are expected to follow all university conduct policies.

Alumni audit registration is available during the first two weeks of classes for the fall and spring semesters and only for courses which have not reached their enrollment limits.

In-person registration is available at the Alumni Programs office, 4401 Connecticut Avenue, NW. Registrations may also be mailed to Alumni Programs, American University, 4400 Massachusetts Ave. NW, Washington, DC 20016, or faxed to 202-885-5964. When faxing registration forms, please call 202-885-5960 to verify receipt of the fax.

The Alumni Audit fee is \$100 per course, which supports the Alumni Scholarship Fund and administrative costs. Some courses may also have additional fees. Payment will be accepted by check, money order, VISA, MasterCard, Discover, and American Express only (no cash).

Courses not available for Alumni Audit include independent study, research, or reading, private music instruction, laboratory courses, and maintaining matriculation.

The following schools and departments require faculty or departmental approval. If approval is required, the instructor or department must sign the authorization section of the registration form before the student may register as an alumni auditor.

- School of International Service (SIS), School of Communication (SOC), and School of Public Affairs (SPA): all courses
- College of Arts and Sciences (CAS): Anthropology (graduate-level courses), Art, Audio Technology, Health and Fitness, History (graduate-level courses), Literature (400-level and graduate-level courses), Psychology, Sociology, and World Languages and Cultures.

For additional information, call 202-885-5960 or go to www.american.edu/alumni.

For availability of courses, check the Schedule of Classes at www.american.edu/provost/registrar/schedule/index.cfm.

Changes in Registration

Students are responsible for identifying implications for their progress and status at the university, including impact on financial aid, which results from any change in registration. Students are also responsible for verifying that all changes in registration are reflected in their official student record.

To make changes in registration online, students should log on to myau.american.edu and go to Add/Drop Course.

Adding Courses

Students may add a course through the tenth business day of classes for the fall or spring, or the equivalent for a summer session.

In addition to any course prerequisites and required authorizations, approvals are required for the following:

- Students adding business courses must obtain approval from the Kogod School Undergraduate or Graduate Program Office.
- Students adding communication courses must have approval from the School of Communication.

Dropping Courses

Students may drop a course through the eighth week of the semester for the fall or spring, or the equivalent for a summer session. When a student drops a course during the first ten business days of a semester (or the equivalent for summer), the course will not appear on the transcript; withdrawal thereafter is noted with a "W" in place of a grade.

Note: Discontinuing attendance in class or notifying an instructor of a status change does not constitute an official action.

Approvals are required for the following:

- Withdrawal from courses used to satisfy the University Mathematics Requirement requires the approval of an academic advisor based on the placement recommendations made by the Department of Mathematics and Statistics.
- International students with F-1 or J-1 visas should consult first with an international student advisor in International Student & Scholar Services regarding how to maintain their immigration status.
- Athletes must not drop below 12 credit hours without authorization of the director of athletics.
- Kogod students dropping business courses must obtain approval from the Kogod School Undergraduate or Graduate Program Office.

Reduction of Course Load Due to Medical Reasons

In the event a student encounters medical difficulties after the eighth week of the semester, it may be possible for the student to obtain permission from the academic unit to withdraw from all courses or to have a reduced course load. Such requests must be made before the end of the semester and students must verify their difficulties to the academic unit by following the guidelines for securing a Medical Temporary Leave. Students should provide medical documentation only to the Office of the Dean of Students. Students must petition the Office of the Dean of Students to return from a Medical Temporary Leave or to return from a semester during which they withdrew from all courses or received a reduced load that was approved for medical reasons. The Office of the Dean of Students will provide verification to the academic unit when the student is ready to resume studies at the university.

Grade Type Option

Students may change grade type options (A-F or Pass/Fail) on the web through the eighth week of classes for the fall or spring, or the equivalent for a summer session.

Note: Changing grade type is not permitted for courses that require a specific grade type, such as Pass/Fail only.

Separation from the University

Degree students who withdraw completely from all courses during a semester and/or are separating from the university the following semester must notify their advisor. Students who fail to enroll and who do not have on file an approved temporary leave form will be separated from the university.

Course and Schedule Information

Course Numbers

Each course is designated by a subject code and a course number. The subject code identifies a particular academic discipline or teaching unit in the curriculum; e.g. ANTH = Anthropology; ECON = Economics; ARTH = Art History. The numbers identify the level of the course as follows: 0-99, Non-Credit Courses; 100-299, Undergraduate Introductory or Undergraduate Foundation Courses; 300-499, Undergraduate Upper-Level or Undergraduate Advanced Courses; 500-599, Graduate Courses that allow qualified, advanced undergraduates; 600-899 Graduate Courses. No undergraduate students may take 600-799 graduate courses except under specific circumstances where the courses are cross-listed with undergraduate courses as part of a combined BA/MA program or by special permission of the associate dean of the academic unit.

Credit Hour Value

All undergraduate and graduate courses are valued in credit hours. American University uses the Carnegie Classification definition of a semester credit hour. A semester credit hour is defined as at least 12.5 hours of direct faculty instruction per semester (in class, online, or remote sites) with at least 25 hours of student work outside of that direct instruction, typically conducted over a 15-week semester, or an equivalent amount of faculty instruction and work over a different time period. Generally, each credit hour is equal to 50 minutes of class instruction a week for 15 weeks or 750 minutes of class instruction per semester.

Course Descriptions and Syllabuses

Descriptions of permanent courses currently in the university curriculum are listed by course number in **Course Descriptions** at the end of this catalog. Catalog course descriptions, as well as selected and rotating topics course descriptions, are available each semester from the Schedule of Classes at www.american.edu/provost/registrar/schedule/index.cfm.

A syllabus describing the general nature and scope of each course is available from the department offering the course for three years.

Course Prerequisites

Many courses call for a minimum background of knowledge, as indicated by prerequisite courses cited in individual descriptions. Titles and numbers are those of American University courses; equivalent courses satisfactorily completed at other accredited institutions also meet prerequisite requirements by transfer credit.

Students are responsible for entering the class with the required competence. Thus, prerequisites warn students of the knowledge they are to bring with them in order to meet the expected standards of performance.

Class Periods

Day classes, except those on Wednesday and Saturday, ordinarily meet two days a week for 75 minutes a meeting. Wednesday classes ordinarily meet once a week for two hours and 30 minutes. Some classes meet three times a week for 50 minutes a meeting. Evening classes ordinarily meet once a week for two hours and 30 minutes or twice a week for 75 minutes a meeting.

Courses involving laboratory, studio, discussion groups, or workshops may vary from these schedules. Independent reading courses, independent research or study projects, internships, and similar kinds of study opportunities meet according to the special arrangement with the school, department, or faculty members concerned.

Cancellation of Courses

Occasionally it is necessary to cancel a scheduled course because of low enrollment, the last-minute unavailability of an instructor, or other unavoidable reasons. Every effort is made to announce the cancellation before the first class meeting, but this is not always possible. If a course is canceled, a student who does not choose to transfer to another course may receive a full refund of the tuition and fees paid for the canceled course by completing a refund request form in the Office of Student Accounts.

Class Attendance

Individual classes may have different attendance requirements; it is the student's responsibility to check each course syllabus to determine policy and to speak to instructors regarding excused absences such as major religious holidays (posted annually by the Office of Provost and Kay Spiritual Life Center), medical or mental health events, and athletic team events. Unexcused absences may affect a student's grades. Students may not be penalized for excused absences but are required to make-up all work missed as a result of the excused absence.

Veterans and others receiving government benefits are reminded that the paying agency may have specific attendance policies.

Emergency Cancellation of Classes

Classes at American University are expected to meet according to the announced schedule and no instructor is authorized to change the day, hour, or place of any meeting. Unless cancellation of classes is announced publicly, classes will meet. When cancellation of classes is necessary, instructors are expected to arrange for additional reading, study assignments, or class meetings to compensate for attendance time lost.

Final Exam Policy

Students are expected to take final exams at the times scheduled by the Office of the University Registrar. Accommodations are made for students with excused absences, students with documented disabilities, students with two exams scheduled for the same time, and students with three or more final exams on a given day. Students should notify their advisors who will work with the instructors to resolve the conflict. Unexcused absences at final exams may result in a penalty. Students must follow any additional policies or procedures set by individual academic units.

Waitlist Rules

Students often "waitlist" if they are considering adding a course or a new section of a course in lieu of the section in which they are currently enrolled. Students may not waitlist for more than one section of any course at any given time. Students may not waitlist for more than three unique courses at any point in time.

Tuition, Fees, and Other Charges

Undergraduate students who register for 12 to 17 credit hours are assessed tuition at the full-time rate. Undergraduate students who register for fewer than 12 credit hours are assessed tuition based on the number of credit hours taken. Undergraduate students who register for more than 17 credit hours are charged the full-time tuition rate with an additional charge for each credit hour over 17.

Graduate and nondegree students are assessed tuition per credit hour.

Washington College of Law (WCL) students are assessed tuition on the same basis as undergraduate students. However, the WCL tuition rate differs from that of the rest of the university.

The off-campus tuition rate differs from the rate for on-campus courses. Full-time undergraduate students, however, who register for courses both on and off campus are assessed tuition at the on-campus full-time rate.

Charges for institutes and other courses with special tuition rates are listed in the Schedule of Classes or in publications or websites supplied by the offering university department.

Given the probable continuation of current economic conditions, as well as the need to continue to accelerate the academic development of the university, it is reasonable to expect that tuition and fee increases will be required each year in the near future.

Tuition

Undergraduate Students

Full-time (12–17 credit hours)	\$20,066
(Above 17 hours, \$1,337 per additional credit hour)	
Part-time (per credit hour)	\$1,337

Graduate Students (including new Kogod School of Business MBA/MS students)

Full-time and part-time: (per credit hour)	\$1,440
PhD Dissertation (courses -898 or -899)	\$1,440

Continuing Kogod School of Business MBA/MS students

Full-time (12–17 credit hours)	\$17,332
(Above 17 hours, \$1,324 per additional credit hour)	
Part-time (per credit hour)	\$1,324

Note: After Spring 2014, all Kogod School of Business MBA/MS students will be charged the standard per credit hour graduate rates.

Law Students

Full-time (12–17 credit hours)	\$23,634
(Above 17 hours, \$1,750 per additional credit hour)	
Part-time (per credit hour)	\$1,750

Nondegree Students

Course level 100–400 (per credit hour)	\$1,337
Course level 500 and above (per credit hour)	\$1,440

Off-Campus Programs

(per credit hour)	\$1,213
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Note: Auditors pay the same charges as students enrolled for credit and are subject to all applicable special fees.

Non-AU Study Abroad Fee

For all American University undergraduate students participating in non-AU study abroad programs via a Permit to Study Abroad.

Fall or spring (per semester)	\$2,000
Summer	\$1,000

Housing

Housing charges are per semester. All housing rates are inclusive of the \$18 per person per semester Resident Hall Programming Fee.

Anderson, Clark, Hughes, Leonard, Letts, McDowell, and Roper Halls

Single	\$5,991
Double	\$4,733
Triple	\$3,498

Cassell and Nebraska Halls

Single	\$6,228
Double	\$5,157

Centennial Hall

Single	\$6,228
Double	\$4,969

Meal Plans

Meal plan charges are by contract per semester.

Super Plan	
(plus \$200 in Eagle Bucks, \$200 in Dining Dollars)	\$2,958
200 Block Plan	
(plus \$200 in Eagle Bucks, \$200 in Dining Dollars)	\$2,575
175 Block Plan	
(plus \$200 in Eagle Bucks, \$200 in Dining Dollars)	\$2,490
150 Block Plan	
(plus \$200 in Eagle Bucks, \$200 in Dining Dollars)	\$2,357
100 Block Plan	
(plus \$200 in Eagle Bucks, \$200 in Dining Dollars)	\$1,751
75 Block Plan	
(plus \$200 in Eagle Bucks, \$200 in Dining Dollars)	\$1,474

All first and second-year resident students are required to be enrolled in a meal plan. Freshmen and first-year transfer students are required to be enrolled in at least the 150 Block Plan, but can also enroll in the 175 Block, 200 Block or Super meal plans. Second-year students are free to choose from any offered meal plan.

Students can select a meal plan on their myau.american.edu portal through July 6. After July 6, students can enroll or change their meal plan at the Housing and Dining Programs office located on the first floor of Anderson Hall. New incoming students who do not select a meal plan will be automatically enrolled in the 150 block meal plan.

For more information please contact Housing and Dining Programs at 202-885-3370 or go to: www.american.edu/ocl/housing/housingrates.cfm.

Fees

Note: The following fees are not included in tuition rates and are nonrefundable.

Additional course and laboratory fees are also nonrefundable and are listed in the Schedule of Classes at: www.american.edu/provost/registrar/schedule/index.cfm

Registration

Late Registration (effective the first day of the term)
(per semester) \$100

Sports Center Fee (mandatory for all students)
Full-time (per semester) \$65
Part-time (per semester) \$30

Technology Fee (mandatory for all students)
Full-time (per semester) \$120
Part-time (per semester) \$40

Faculty/Staff Registration
For employees of the university or their spouses or domestic partners registering under the tuition remission benefit. (per semester) \$50

Alumni Audit Program Registration
(per semester) \$100
Alumni audit late registration \$10

Student Accounts

American Installment Plan (AIP)
Program Fee (per year) \$60
Late fee for Installment Plan payments (per month) \$40

All other late student account payments are based on account balance. Please see **Late Payment and Financial Restrictions**.

Registration Reinstatement Fee. \$100
Returned Check Fee. \$25
(for all paper check and online eCheck payments not honored by the bank)

Health Insurance

(per year) \$1,675
Spring/Summer \$1,030
Summer only \$410

Note: For updated rates, please refer to the Student Health Center website: www.american.edu/ocl/healthcenter/About-Student-Health-Insurance-Plan.cfm.

Parking (per year)

Student Commuter \$1,013
Part-time Student Commuter \$387
(undergraduate and law students, fewer than 12 credit hours; graduate students, fewer than 9 credit hours; proof of part-time enrollment must be provided)
Resident Student \$1,013
Student Motorcycle \$387
Faculty/Staff \$1,512
Part-time Staff \$769
Staff Motorcycle \$504
Daily (or \$2.00/hour) \$16

Graduate Students

Graduate Student Association (mandatory for all full-time and part-time graduate students each semester)

Full-time and part-time students (per semester) . . . \$30

Maintaining Matriculation (per semester) \$1,440

SIS Program Fee (SIS master's students)

Full-time (9 or more credit hours)
(per semester) \$750

Part-time (6–8 credits hours)
(per semester) \$500

Dual degree (SIS/CAS) (per semester)

Full-time (9 or more credit hours) \$375

Part-time (6–8 credits hours) \$250

Master's and Doctoral Comprehensive Examination

Application Fee (if in absentia) \$100

Microfilming of Master's Thesis or Case Study . . . \$45

Microfilming of Doctoral Dissertation \$55

Student ID Card Replacement \$20

Diploma Replacement

Domestic order. \$50

Domestic order (rush) \$75

International order \$100

International order (rush) \$150

Transcripts no charge

Application fees vary by school; refer to individual school (CAS, KSB, SOC, SIS, SPA, WCL) website for fee amount and application information.

Undergraduate Students

Student Confederation (mandatory for all undergraduate degree students each semester)

Full-time students (per semester) \$73.50

Part-time students (per semester) \$15

Student ID Card Replacement \$20

Diploma Replacement

Domestic order. \$50

Domestic order (rush) \$75

International order \$100

International order (rush) \$150

Transcripts no charge

AEL (Assessment of Experiential Learning) Program

Portfolio Assessment \$250

Posting Portfolio Credit on Academic Record

(per credit hour/ maximum of 30 credits) \$20

Undergraduate Application/Readmission \$70

Law Students

General Fee (per semester)

Full-time \$255

Part-time \$186

Summer \$41

JD Application \$70

LLM Application \$55

Readmission \$70

Admission Testing Fee \$5

Payment of Charges

Online Payment

Payments can be made online by eChecks (using a checking or savings account) and by credit cards (using Visa, MasterCard or Discover). Credit Card Convenience Fee Disclosure Statement: A non-refundable convenience fee (2.55% of the charge amount) will be charged to your credit card account when making credit card payments applied to your student account bill. Convenience Fees are not charged for enrollment deposits (tuition deposits and housing deposits).

Online Payments are made through your student portal (myAU.american.edu). Under "Personalized Links" select "Finances," then select "Eagle Finance." Proceed to the "Make A Payment Page" to make your payment.

Payment by Mail

Payments by check may be sent to the address below. Please write your student AU ID number and name on your check.

American University
Student Accounts
PO Box 17539
Baltimore, MD 21297-1539

Payment in Person

Payments by check or money order may also be made in person at AU Central, Asbury 201, Monday through Friday, 10:00 am to 5:00 pm.

Other correspondence/inquiries (not payments) should be sent to:

aucentral@american.edu

or

American University
AU Central
Asbury 201
4400 Massachusetts Ave NW
Washington, DC 20016-8077

Priority Registration/Direct Registration

Students registering during priority registration with billing for the semester must pay the balance due on or before the particular semester due date (fall—by August 1; spring—by December 14; and summer—by May 1).

Students registering after the advance registration period (direct registration) must pay the balance due, less expected financial aid, on the day they register.

American Installment Plan (AIP)

The American Installment Plan (AIP) is available to all full-time students. For more information, please go to www.american.edu/finance/studentaccounts/AIP.cfm.

The American Guaranteed Tuition Single Payment Plan [Ameriplan Contractual Agreement]

Available to incoming freshmen who do not receive any financial aid, this plan allows students to stabilize tuition expenses by prepaying four years' tuition at the entering academic year

rate. For more information contact the Associate Director of Student Accounts at 202-885-3559.

Late Payment and Financial Restrictions

A finance charge will be assessed against a student's account for failure to meet the initial payment due date. The university will use a rate of 1 percent per month to compute the finance charge.

Late payments will result in a financial restriction being placed on the student's account. The financial restriction places a "hold" being placed on the student's academic records, including transcripts and diplomas, and results in denial of priority registration and use of the payment plan or other credit privileges. Students who incur financial obligations in the parking and traffic office, library, health center, or athletic department may be subject to late payment fees and financial restriction procedures. Students who fail to pay tuition or fees will be responsible for all costs of collection, including attorney's fees in the amount of 15 percent of the balance due.

Employer or Agency Tuition Assistance

A student requesting employer or agency billing arrangements must furnish Student Accounts with a valid contract or purchase order before the first day of classes.

A contract or purchase order must contain the following information: (1) student name and ID number, (2) term of attendance, (3) specific costs (and dollar amounts) to be paid by the sponsor (tuition, books, supplies, fees), (4) sponsor's billing address, and (5) contract or purchase order number or accounting appropriation, if applicable. Documentation submitted in lieu of a valid purchase order will not relieve a student of financial responsibility.

In case of partial assistance, the student is required to pay the balance of his or her tuition costs at the time of registration in order to be considered registered. A student portion which qualifies for one of the university payment plans is to be paid according to that plan. Failure to comply will result in the assessment of a 1 percent per month finance charge. (See **Late Payment and Financial Restrictions**, above.)

A student entitled to Campus Store credit may obtain a book voucher form from Student Accounts. Purchases are permitted through the end of the Add/Drop period.

Failure to submit vouchers in a timely manner may result in the assessment of late fees. A student is responsible for payment of any billed amounts which have been disallowed by his or her sponsor.

Employee Remitted Tuition Benefits

Only full-time permanent faculty or staff employees of American University are eligible for tuition benefits. There is a nonrefundable \$50 registration fee each semester, in addition to any special course fees, and mandatory sport, technology, and activity fees. Late registration fees are not applicable to faculty and staff using employee tuition benefits.

The Tuition Remission Application is available online at the student portal (myau.american.edu). For more information, contact Human Resources at 202-885-2591.

Refunds and Cancellation of Charges

Course Drops

Students who reduce their course load (except for full-time undergraduates maintaining 12 credit hours or more) by dropping courses during the refund period of the semester will have the course tuition cancellation calculated as of the date of the course drop. The student's account must show a credit balance before a refund will be processed.

MBA modules and all other courses on nonstandard schedules have refund policies, percentages, and dates based on the university formula. Students should check with the appropriate office for specific guidelines.

Discontinuing attendance from class or notifying an instructor does not constitute an official course drop. Without an official course drop, students still will be responsible for all tuition and related fees.

Tuition Cancellation Schedule

When students withdraw from courses with a standard face to face schedule during a regular semester (fall/spring), refunds are based on the published dates in the Academic Calendar. The cancellation percentage is based on the date of the course drop or withdrawal:

- 100 percent tuition refund for course drop/withdrawal through the second calendar week of classes
- 50 percent tuition refund for course drop/withdrawal through the third calendar week of classes
- 25 percent tuition refund for course drop/withdrawal through the fourth calendar week of classes
- No refund for course drop/withdrawal after the fourth calendar week of classes

Refunds for face to face courses for summer sessions and courses with non-standard meeting times are calculated proportionately, based on the percentage of the course meeting times completed.

Online course refunds are calculated proportionately using percentage of days elapsed from the first day of class until the last day of class.

- If an online course falls within the regular term, the published dates and refund percentages in the Academic Calendar (100 percent through the second week, 50 percent through the third week, and 25 percent through the fourth week) for the regular term are used.
- If an online course has non-standard beginning and end dates, the 100 percent, 50 percent, and 25 percent refunds are based on the percentage of days elapsed from the first day of the course until the last day of the course.

Note: The calendar week for cancellation of tuition ends on Friday (adjustments are made for legal holidays that fall within the first four weeks of the semester). Students should check the Academic Calendar for specific dates for each semester.

Housing

Requests for cancellation of room charges must be initiated by the student in writing to Housing and Dining Programs by the withdrawal deadlines. The student must then request any applicable refund through Student Accounts. The cancellation percentage is based on the date of withdrawal:

- 75 percent for withdrawal in the first calendar week of the semester
- 50 percent for withdrawal in the second calendar week of the semester
- 25 percent for withdrawal in the third calendar week of the semester
- No refund for withdrawal after the 3rd calendar week of the semester

More information regarding policies and procedures for campus housing may be obtained from the Housing and Dining website (www.american.edu/ocl/housing/).

Note: Academic dismissal will result in a prorated charge for the weeks the student resided in university housing.

Meal Plan

Students will only be permitted to decrease or drop their meal plan during the first 15 days of the semester. Meal plan adjustments are made on a daily prorated basis, not by the number of meals used. Requests for meal plan cancellations must be initiated by the student through Housing and Dining Programs. Students then may request any applicable refund through Student Accounts. Meal plan increases or sign-ups may be done at any time during the semester through Housing and Dining Programs.

More information regarding policies and procedures for campus dining may be obtained from the Housing and Dining website (www.american.edu/ocl/housing/).

Federal (Title IV) Financial Aid Recipients Return of Title IV Funds Policy

For information regarding the Title IV Funds Policy, see **Undergraduate Financial Aid** or **Graduate Financial Aid** below, or visit the Financial Aid Policies website at: www.american.edu/financialaid/withdrawals.cfm.

Medical Withdrawal Policy

No special waiver or refund of tuition and fees is made when a student discontinues attending classes due to medical reasons. However, when a student is hospitalized on an emergency basis and is therefore unable to formally withdraw from classes, the Associate Dean may contact the Registrar and request a retroactive withdrawal based on the last date that the student attended class. The student must file with the Dean of Students evidence of his or her hospitalization and the date of last attendance in class as documented by the instructor. Provided that the retroactive withdrawal date falls within the tuition cancellation period, and the evidence is received within the same semester, the student's account will be adjusted accordingly.

Tuition Refund Insurance

The Tuition Refund Plan can minimize financial loss incurred in a medical withdrawal from the university. This elective insurance plan provides coverage for tuition and housing charges. The plan extends and enhances the university's pub-

lished refund policy. To participate, applications and fees must be returned before the first day of fall semester classes. The plan is coordinated through the Student Health Center. For more information, go to:

www.american.edu/ocl/healthcenter/Tuition-Refund-Plan.cfm.

Undergraduate Financial Aid

American University awards financial aid to students based on a combination of demonstrated financial need, academic achievement, and the availability of funds. Once a student is admitted to American University, the Financial Aid office will determine need and develop a financial aid award that includes funds from the programs for which the student qualifies. In addition to awarding funds from American University, the university administers federal grant, loan, and work-study programs that may be included in the award. The financial aid award may include a combination of American University scholarships, grants, federal grants, federally subsidized or unsubsidized loans and/or student employment.

To receive consideration for need-based financial aid, a student must be a United States citizen or eligible non-citizen in a degree program. New students should not wait to be admitted before filing the Free Application for Federal Student Aid (FAFSA) and the CSS Profile. A financial aid application has no bearing on a student's admission application.

For more information contact Financial Aid at 202-885-6500 or e-mail facounselor@american.edu.

Financial Aid Options

- Grants
- Loans
- Parent PLUS Loans
- Scholarships
- Scholarships for International Students
- Private Scholarships
- ROTC
- Work-Study and Part-Time Employment

Undergraduate Deadlines

The FAFSA must be filed with the federal processor and the CSS/Financial Aid Profile must be submitted to the College Board by:

Early Decision Freshmen	
Profile	November 15
FAFSA	February 15
Regular Decision Freshmen	February 15
Transfer Students	March 1
Current AU Students	May 1

Satisfactory Academic Progress

Recipients of federal (Title IV) or institutional funds must maintain satisfactory academic progress toward their degree objective to remain eligible for financial assistance.

Minimum Standards

- Full-time undergraduate financial aid recipients must maintain at least a 2.00 cumulative grade point average, complete 24 credit hours per academic year (fall/spring), and complete four-fifths (80 percent) of all attempted credit hours.
- Part-time undergraduate financial aid recipients must maintain at least a 2.00 cumulative grade point average and complete four-fifths (80 percent) of all attempted credit hours.
- All students must complete their academic program within 150 percent of the normal time limit of that academic program as defined in the *Academic Regulations*.
- Merit-based scholarship recipients may have different standards than those listed above. Please refer to the original award notification regarding merit award eligibility criteria.

Special Considerations

The following alternative grading options do not count toward the grade point average but do have an impact on students' satisfactory academic progress:

- Withdrawals (W), Administrative Withdrawals from Audits (ZL), Audits (L), and Fails on Pass/Fail option (FZ) count as credits attempted but not earned, and have no impact on the grade point average.
- Incompletes (I) and Unreported Grades (N) count as credits attempted but not completed.
- Administrative Failures (ZX or FX) count as credits attempted but not earned, and are factored as a grade of F.
- Pass (P) counts as credits attempted and earned, but has no impact on the grade point average.
- In Progress (IP) courses are excluded from the calculation in the initial academic progress evaluation. An IP grade may not stand as a permanent grade and must be resolved before a degree can be awarded.

Frequency of Monitoring

The Financial Aid Office monitors the Satisfactory Academic Progress (SAP) of each aid recipient annually. This audit occurs in late May upon the submission of spring grades. Financial Aid will notify in writing students who are not making satisfactory progress.

Academic Appeals

All questions regarding the factual substance of academic records and all requests for changes to those records must be made to the academic departments. Financial Aid has no authority to alter the academic record of a student.

Re-Establishing Financial Aid Eligibility

For a student who has failed to maintain satisfactory academic progress, eligibility for financial aid funds may be re-established by the following means: the changing of a grade, the completion of incomplete or in progress course(s), or the reporting of a missing grade. Please note that funds are not set aside for students in these circumstances. Even if the appeal is granted, funds may not be available at that time.

Financial Aid Appeals

Students failing to meet SAP standards due to extenuating circumstances that precluded them from successfully completing their coursework may submit an appeal in writing to the Financial Aid Office. Priority consideration will be granted to students who submit an appeal by the deadline stated on the SAP notification. The request should include a comprehensive description of the circumstances, supporting documentation, and a plan of study with the student's anticipated enrollment for the upcoming academic year. The Appeals Committee will review the appeal, make a recommendation, and send a letter of response to the student.

Refund and Repayment Policy

For American University's refund policies regarding tuition, housing, and meal plan charges, see **Refunds and Cancellation of Charges**.

The American University refund policy does not apply to first-time American University students. A "first-time student" is defined in Federal regulations as any student who has not attended at least one class at American University, or who received a full refund for previous attendance at American University.

Federal (Title IV) Financial Aid Recipients Return of Title IV Funds Policy

The Financial Aid Office is required by federal statute to recalculate federal financial aid eligibility for students who withdraw, drop out, are dismissed, or take a temporary leave prior to completing 60 percent of a payment period or term. The federal Title IV financial aid programs must be recalculated in these situations.

If a student leaves the institution prior to completing 60 percent of a payment period or term, the Financial Aid Office recalculates eligibility for Title IV funds. Recalculation is based on the percentage of earned aid using the following Federal Return of Title IV funds formula:

Percentage of payment period or term completed = $\frac{\text{the number of days completed up to the withdrawal date}}{\text{the total days in the payment period or term}}$. (Any break of five days or more is not counted as part of the days in the term.) This percentage is also the percentage of earned aid.

Funds are returned to the appropriate federal program based on the percentage of unearned aid using the following formula:

Aid to be returned = $(100 \text{ percent of the aid that could be disbursed} - \text{the percentage of earned aid})$ multiplied by the total amount of aid that could have been disbursed during the payment period or term.

If a student earned less aid than was disbursed, the institution would be required to return a portion of the funds and the student would be required to return a portion of the funds. When Title IV funds are returned, the student borrower may owe a debit balance to the institution.

If a student earned more aid than was disbursed to him or her, the institution would owe the student a post-withdrawal disbursement which must be paid within 120 days of the student's withdrawal. The institution must return the amount of Title IV funds for which it is responsible no later than 30 days after the date of the determination of the date of the student's withdrawal.

Refunds are allocated in the following order:

- Unsubsidized Direct Stafford Loans (other than PLUS Loans)
- Subsidized Direct Stafford Loans
- Federal Perkins Loans
- Direct PLUS Loans
- Federal Pell Grants for which a return of funds is required
- Federal Supplemental Opportunity Grants for which a return of funds is required
- Federal TEACH Grants
- Other assistance under Title IV for which a return of funds is required (e.g., LEAP)

Scholarships

Undergraduate University Scholarships

The Admissions Committee makes all merit-based scholarship decisions and notifies students at the time of admission to AU. Merit awards range from \$3,000 to full tuition per year. Scholarships awarded to selected applicants include but are not limited to:

- Presidential Scholarship
- Dean's Scholarship
- Leadership Scholarship
- National Achievement, National Merit, and National Hispanic Scholarships
Awarded to freshman applicants who were named National Achievement and National Merit finalists and National Hispanic semi-finalists; who have designated American University as their first-choice college with the National Merit Scholarship Corporation by February 1 of their senior year.
- Athletic Scholarship
Interested students should contact the coach of the sport in which they excel.
- United Methodist Scholarship
For the children of active, ordained Methodist ministers.

Private/Restricted Scholarships

The university has a limited number of scholarships that are funded annually through endowment by donors. Candidates are reviewed by Financial Aid for eligibility for these scholarships and no separate application is required.

Grants

Grants are need-based awards that do not have to be repaid and may originate from American University, the federal government, or state governments.

American University Programs

AU grants are offered to eligible admitted students who demonstrate financial need, and may be offered in addition to an AU scholarship.

Federal Programs

Federal Pell Grant Program

This grant is offered to students demonstrating exceptional financial need. Awards range from approximately \$400 to \$5,500 per year.

Federal Supplemental Educational Opportunity Grants (FSEOG)

This grant is offered to students demonstrating exceptional financial need. Awards depend on need and the availability of funds.

State Programs

Many states administer grant programs which residents may apply for and receive while attending American University. Students should check with guidance counselors and state grant agencies regarding up-to-date application procedures and eligibility factors.

Loans

Federal Loan Programs

Federal Direct Stafford Loan

This loan is guaranteed by the federal government. There are two types of Stafford Loans: Subsidized Federal Loans are for eligible students who have demonstrated financial need; students who do not have demonstrated need are eligible for an Unsubsidized Federal Loan. Repayment for both begins six months after graduation or when the student drops below half-time enrollment status in any semester. No interest is charged on Subsidized Federal Loans while the student is enrolled at least half-time status in college, interest does accrue on Unsubsidized Federal Loans. Dependent undergraduate students may borrow up to \$5,500 for the first year of study; \$6,500 for the second year; and \$7,500 per academic year upon completion of 60 credits.

Federal Perkins Loan

This loan is funded through American University and the federal government. Federal regulations require that this loan be given to students with exceptional need. Awards vary depending on need and availability and repayment begins nine months after graduation.

Parent Loan for Undergraduate Students (PLUS)

This federal loan program is available to the parents of dependent undergraduate students to assist them in meeting educational expenses. Repayment begins within 60 days of disbursement, however, deferment is available.

Federal Work-Study Program

This program for students with financial need provides the opportunity to work part-time and use earnings toward educational expenses. Students participating in the program will receive bi-weekly pay for hours worked.

Tuition Exchange

American University participates in the Tuition Exchange Program, a competitive merit-based program available to faculty and staff members. Students whose parents are employed by one of the participating institutions may be eligible for a Tuition Exchange Scholarship.

Tuition Remission

Full-time faculty and staff members and their spouses or domestic partners are eligible for tuition benefits. There is a \$50 registration fee (nonrefundable) per semester.

Graduate Financial Aid

The university offers graduate students a variety of ways to finance their education while in attendance at American University, including:

- Federal Direct Stafford Loan
- Federal Direct Graduate PLUS Loans
- Federal Work Study
- Federal TEACH Grant
- American Installment Plans

For more information contact Financial Aid at 202-885-6500 or e-mail facounselor@american.edu.

Graduate Deadlines

Students should contact the graduate admission office in the school or college to which they are applying to find out the application deadline to be considered for merit awards such as fellowships, assistantships, and study grants.

Satisfactory Academic Progress

Recipients of federal (Title IV) or institutional funds must maintain satisfactory academic progress toward their degree objective to remain eligible for financial assistance.

Minimum Standards

- Graduate financial aid recipients must maintain at least a 3.0 cumulative grade point average and complete two-thirds (66.67 percent) of all attempted credit hours.
- All students must complete their academic program within the maximum timeframe of that academic program as defined in the *Academic Regulations*.
- Merit-based scholarship recipients may have different standards than those listed above. Please refer to the original award notification regarding merit award eligibility criteria.

Special Considerations

The following alternative grading options do not count toward the grade point average but do have an impact on students' satisfactory academic progress:

- Withdrawals (W), Administrative Withdrawals (ZL), Audits (L), and Fails on Pass/Fail option (FZ) count as credits attempted but not earned, and have no impact on the grade point average.
- Incompletes (I) and Unreported Grades (N) count as attempted credits but not completed.
- Administrative Failures (ZX or FX) count as credits attempted but not earned, and are factored as a grade of F.
- Pass (P) counts as credits attempted and earned, but has no impact on the grade point average.
- In Progress (IP) courses are excluded from the calculation in the initial academic progress evaluation. An IP grade may not stand as a permanent grade and must be resolved before a degree can be awarded.

Frequency of Monitoring

Each student's academic progress is measured once yearly in June, after spring grades are posted. Financial Aid will notify in writing students who are not making satisfactory progress.

Academic Appeals

All questions regarding the factual substance of academic records and all requests for changes to those records must be made to the academic departments. Financial Aid has no authority to alter the academic record of a student.

Re-Establishing Financial Aid Eligibility

For a student who has failed to maintain satisfactory academic progress, eligibility for financial aid funds may be re-established by the following means: the changing of a grade; the completion of incomplete or in progress course(s), or the reporting of a missing grade. For students failing SAP due to the maximum timeframe provision, a copy of the approved extension of candidacy from the academic division may be used to re-establish eligibility. Please note that funds are not set aside for students in these circumstances, even if the appeal is granted, funds may not be available at that time.

Financial Aid Appeals

Students failing to meet SAP standards due to extenuating circumstances that precluded them from successfully completing their coursework may submit an appeal in writing to the Financial Aid Office. Priority consideration will be granted to students who submit an appeal by the deadline stated on the SAP notification. The request should include a comprehensive description of the circumstances, supporting documentation, and a plan of study with the student's anticipated enrollment for the upcoming academic year. The Appeals Committee will review the appeal, make a recommendation, and send a letter of response to the student.

Refund and Repayment Policy

For American University's refund policies regarding tuition, housing, and meal plan charges, see **Refunds and Cancellation of Charges**.

The American University refund policy does not apply to first-time American University students. A "first-time student" is defined in Federal regulations as any student who has not attended at least one class at American University, or who received a full refund for previous attendance at American University.

Federal (Title IV) Financial Aid Recipients Return of Title IV Funds Policy

The Financial Aid Office is required by federal statute to recalculate federal financial aid eligibility for students who withdraw, drop out, are dismissed, or take a temporary leave prior to completing 60 percent of a payment period or term. The federal Title IV financial aid programs must be recalculated in these situations.

If a student leaves the institution prior to completing 60 percent of a payment period or term, the Financial Aid Office recalculates eligibility for Title IV funds. Recalculation is based on the percentage of earned aid using the following Federal Return of Title IV funds formula:

Percentage of payment period or term completed = the number of days completed up to the withdrawal date divided by the total days in the payment period or term. (Any break of five days or more is not counted as part of the days in the term.) This percentage is also the percentage of earned aid.

Funds are returned to the appropriate federal program based on the percentage of unearned aid using the following formula:

Aid to be returned = (100 percent of the aid that could be disbursed minus the percentage of earned aid) multiplied by the total amount of aid that could have been disbursed during the payment period or term.

If a student earned less aid than was disbursed, the institution would be required to return a portion of the funds and the student would be required to return a portion of the funds. When Title IV funds are returned, the student borrower may owe a debit balance to the institution.

If a student earned more aid than was disbursed to him or her, the institution would owe the student a post-withdrawal disbursement which must be paid within 120 days of the student's withdrawal. The institution must return the amount of Title IV funds for which it is responsible no later than 30 days after the date of the determination of the date of the student's withdrawal.

Refunds are allocated in the following order:

- Unsubsidized Direct Stafford Loans (other than PLUS Loans)
- Subsidized Direct Stafford Loans
- Federal Perkins Loans
- Direct PLUS Loans
- Federal Pell Grants for which a return of funds is required
- Federal Supplemental Opportunity Grants for which a return of funds is required
- Federal TEACH Grants
- Other assistance under Title IV for which a return of funds is required (e.g., LEAP)

Federal Loans

Graduate students who qualify for federal Stafford loans may borrow up to \$20,500 every two semesters. All federal loan programs require the FAFSA be filed before eligibility can be determined. To be eligible for federal need and non-need based loans, graduate students must be:

- a US citizen or permanent resident
- enrolled in an eligible degree-granting academic program
- enrolled at least half-time each semester (5 credits fall/spring; 2 credits summer)

Federal loans must be re-paid. Repayment will begin six months after graduation or after dropping below half-time status. Federal interest rates are established annually but will not exceed 8.25% on federal student loans. Please contact Financial Aid for current interest rates.

Those students who need more than \$20,500 over two semesters may elect to cover any remaining educational expenses through the Federal Graduate PLUS loan program.

American University Programs

Graduate Merit-Based Awards

American University is committed to quality graduate education that is responsive to the needs of students, disciplines, the university, and the larger community. Our goals are to provide a high quality educational experience for our students and to offer graduate support that assists students in completing their programs of study. To this end the university has set priorities for the allocation and awarding of graduate assistantships and fellowships as shown below.

Recipients of all awards (except Dissertation Fellowships) must be full-time degree students. Specifically, this requires that a recipient be registered for a minimum of 9 credit hours during each semester of the academic year. Award recipients must maintain full-time status in order to continue to receive their award during the academic year. Awards are intended to assist graduate students to pursue full-time education.

The university has established the following awards to assist graduate students:

Graduate Fellowships are merit-based awards that the university offers in order to attract the most outstanding students in the discipline. These awards are given to new graduate degree students and normally provide the recipient up to 24 hours of tuition remission in degree-related courses in a given academic year and may also provide a stipend. The tuition remission should be used during the academic year but may with the permission of the teaching unit head be used during the summer session.

Special Opportunity Awards for minority students—American Indians, African Americans, Asian/Pacific Islander Americans, Alaskan Native Americans, or Hispanic Americans—provide tuition remission from 6 to 24 hours of degree-related courses in a given academic year. The tuition remission should be used during the academic year but may with the permission of the teaching unit head be used during the summer session.

Hall of Nations Awards are made by the deans of CAS, KSB, SOC, SIS, or SPA, as appropriate, with the approval of the Dean of Academic Affairs. These awards, which are for tuition remission only, are given to international students who do not have permanent residence status or US citizenship.

Dissertation Fellowships are awards that provide recipients with a stipend and up to 18 hours of tuition remission in one academic year for dissertation seminar credits only. These awards are limited to students who have completed all doctoral course

work and comprehensive examinations and who have an approved dissertation proposal at the time of application. Dissertation fellows are selected by the deans of CAS, SIS, or SPA, as appropriate, with the approval of the Dean of Academic Affairs.

Designated Awards

A description of other designated awards, such as United Methodist Awards and Massey Awards and their eligibility requirements is distributed annually by the Dean of Academic Affairs.

Veterans' Benefits

American University's degree programs are approved for enrollment of veterans (and eligible dependents of deceased or disabled veterans) for educational benefits under the various federal laws relating to veterans. While every effort has been made to provide accurate and complete information, changes in federal regulations and university policy may occur at any time without notice. The following should be considered informational and not binding on the university.

New Students

Veterans entering American University must file a Veterans Application for VA Educational Benefits (22-1990) with a certified copy of DD-214 through AU Central. Service men and women wishing to receive Veterans Administration (VA) benefits for the first time must present the Serviceman's Application for VA Educational Benefits (22-1990), signed by the Education Office and the Commanding Officer. Enrollment Certification (22-1999) is sent to the VA by AU Central to initiate benefits for the enrollment period.

Transfer students who have received VA educational benefits at another institution and wish to receive VA benefits for the first time at American University should file a Request for Change of Program or Place of Training (22-1995) through AU Central. This form will be sent to the VA with the Enrollment Certification (22-1999) completed by the university.

Continuing Students

Continuing students must file the American University VA claim form for educational benefits each semester with AU Central. All changes in registration (adds, drops, and withdrawals) must be reported to AU Central.

Payment and Financial Responsibility

With the exception of disabled veterans who are training under Vocational Rehabilitation, all beneficiaries of VA educational benefits are personally responsible for the payment of their bills to the university. VA checks for educational benefits are sent directly to the address designated on the American University VA claim form. Eligible students (chapter 30 persons only) who wish to receive advance payment must file an advance payment request form. Students who are granted advance payment pick up only the first check from AU Central. Thereafter, checks are sent directly to the address on file with the VA.

VA benefits are awarded on the basis of the expected completion of a certain number of credits each semester as stated on the Certification form. The VA interprets "completion of credits" differently from the university. Completion of credits is defined by the VA as grades of A, B, C, D, F, P, or FZ. However, veterans who drop below the anticipated number of credits by receiving a W (withdrawals), L (audit), or N (no grade reported) will be in overpayment status according to the VA. Benefits will be reduced for future periods of enrollment or, should no further enrollment occur, students will have to refund money directly to the VA.

The VA directs the university to notify them of a change in status for students during or immediately after the end of the month in which the change occurs. Under mitigating circumstances, exceptions to the above policies may be made through the Veterans Administration Regional Office.

Forms and information are available from AU Central, Asbury 201, 202-885-8000.

University Regulations and Policies

Academic Integrity Code

Academic integrity stands at the heart of intellectual life. The academic community is bound by a fundamental trust that professors and students alike undertake and present their work honestly. As a community of the mind, we respect the work of others, paying our intellectual debts as we craft our own work.

The Academic Integrity Code ("Code") for American University defines honorable conduct, outlines attendant rights and responsibilities, and describes procedures for handling allegations of academic misconduct. Violating standards of academic conduct is a serious matter subject to discipline. Most charges of Code violations are brought by the university faculty to the Academic Integrity Code Administrator of the major teaching unit (School or College) in which the course is taught.

Violations adjudicated under the Code include the following: plagiarism; inappropriate collaboration; dishonesty in examinations (in-class or take-home); dishonesty in papers; work done for one course and submitted to another; fabrication of data; interference with other students' or scholars' work; bribes, favors, and threats; and other academic misconduct. Violations of the Code will be treated seriously, with special attention to re-

peat offenders. Sanctions for Code violations may include failure for the course, a notation on the student's permanent record, suspension and dismissal, as well as other lesser sanctions. Freshman Forgiveness does not apply to Code violations.

By enrolling at American University and then each semester when registering for classes, students acknowledge their commitment to the Code. As members of the academic community, students must become familiar with their rights and their responsibilities. In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, examinations of whatever kind, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Students are responsible for learning the conventions of documentation and acknowledgment of sources. American University expects students to complete all examinations, tests, papers, creative projects, and assignments of any kind according to the highest ethical standards, as set forth either explicitly or implicitly in this Code or by the direction of instructors.

The Academic Integrity Code may be found at: www.american.edu/academics/integrity/

Student Academic Grievance Policy

In the course of academic life, a student may come into disagreement with a faculty member or with the policies and actions of an academic unit as they affect the student's progress toward completion of a course or degree. In cases of complaint or disagreement over academic matters not resolved by consultation among the parties, the university provides the student the right to initiate a grievance procedure.

Students should have protection through orderly procedures against prejudiced or capricious academic evaluation. At the same time, they are responsible for maintaining standards of academic performance established for each course in which they are enrolled. Evaluation of students and the awarding of credit must be based on academic performance professionally judged and not on matters irrelevant to that performance, such as personality, physical disability, age, race, gender, sexual orienta-

tion, religion, national origin, degree of political activism, or personal beliefs.

Judgement regarding standards of evaluation for a student's academic performance is a faculty responsibility and is not grievable. Normally, only questions relating to whether a faculty member complied with the stated requirements of the course and applied standards of evaluation fairly and equitably are potentially grievable. Cases involving complaints about grades will be considered only when there is clear evidence that casts significant doubt on the objectivity of the grading process or indicates that the faculty member failed to comply with the stated requirements of the course.

The Student Academic Grievance Policy may be found through the "Policies & Procedures" portion of the Office of the Provost website at: www.american.edu/provost/.

Student Records

A student's academic record begins in the Admissions Office, which assembles and maintains the application and supporting documents and the record of admission actions. Once a student enrolls in courses, the academic history is maintained by the Office of the University Registrar. Normally the only record maintained for nondegree students who are citizens of the United States are the record of their registration(s) and their academic performance. A full record is kept for each international nondegree student.

The purpose of the official student record is to document the student's academic career and to provide a repository of information which can be useful to advisors. All relevant materials are maintained until the student has received the degree or has left the university. Periodically, the basic materials in files are microfilmed and only the microfilmed copy and the electronic permanent record, on which the summary of the total record is entered, are retained.

Information needed for the continuing evaluation of the progress of a student, grades earned, and the like are made available to the dean by the University Registrar. The various colleges, schools, and departments also develop files to aid in the counseling and appraisal of their own students. Such files are not, however, to be considered official. Important decisions relating to a student's academic career should always be based on the information maintained by the Office of the University Registrar.

The alteration or misuse of official student records, or attempt to alter or misuse them, under any circumstances or for any purpose, will result in the preemptory permanent dismissal of any student or employee of the university involved and the institution of such legal proceedings as may be appropriate.

Confidentiality and FERPA

The following explains the university's policy for complying with the Family Educational Rights and Privacy Act of 1974 ("FERPA" or "Act"). Students at American University have the following rights regarding their education records: 1) to have access to their education records, 2) to consent to release a record to a third party, 3) to request nondisclosure of directory information, 4) to seek amendment of information in an education record which the student demonstrates is inaccurate, 5) to be notified of their privacy rights, and 6) to file complaints with the Family Policy Compliance Office of the US Department of Education concerning alleged failures by American University to comply with the Act.

For purposes of this policy, the term "student" means any individual who is attending or has attended American University and for whom the university maintains education records. The term "education records" or "student education records" means, with certain exceptions, any records 1) that are directly related to a student and 2) maintained by the university or its agents. Student education records are confidential and may only be re-

leased with consent of the student or as otherwise permitted by law.

The university does not maintain education records in one central office. Education records are maintained in the various departments, schools, or colleges. A student should contact the Office of the University Registrar, or, for law students, the Washington College of Law (WCL) Registrar, for guidance in determining which unit(s) a student should contact about an education record.

Examples of academic and non-academic student education records include without limitation:

- Academic Records: Permanent record of academic performance (e.g., transcript, including supporting documents) maintained by the Office of the University Registrar, the WCL Registrar, academic advisor, dean's office, and Provost's Office; files of academic progress maintained by the individual school/college academic office and Provost's Office; admission files of students; Career Center files.
- Non-Academic Records: Files related to Financial Aid, Housing and Dining Programs, International Student and Scholar Services, Student Accounts, and the Library; student discipline files; employment files of students who are employed because of their student status (e.g. work-study, graduate assistantship/fellowship).

Only information directly relevant to the educational processes of the university or which is voluntarily offered by the student and accepted from the student shall be included in student education records.

Specifically excluded from such student education records are:

- Medical and mental health information which is created, maintained, or used by a physician, psychiatrist, psychologist, or other recognized professional in connection with treatment of the student and disclosed only to individuals providing the treatment. Such records are strictly confidential and not accessible except as provided by applicable laws;
- Sole possession records or private notes maintained by individual faculty and instructional, supervisory, or administrative personnel for their own use and which are not accessible or released to anyone except a substitute;
- Records created and maintained by Public Safety solely for law enforcement purposes;
- Employment records of students which are made and maintained in the normal course of business, relate exclusively to their employment, and are not available for use for any other purpose;
- Alumni records which contain only information about former students after they are no longer students at the university.

Student Access to Student Education Records

Each student may inspect his or her education record, subject to reasonable time, place, and manner restrictions. A student must submit a written request to review an education record. The request will be granted as soon as possible, but no later than forty-five (45) days from the date of the receipt of the request. At the time of inspection, the student must present identification and must inspect the records in the presence of a designated university official. In lieu of inspection and at the request of the student, the university may provide a copy of the requested education record. The student may be charged for the actual costs of copying the records. The university reserves the right to deny requests for copies of records if there is an administrative restriction on the individual's student account (e.g. financial obligation, disciplinary stop).

Student may not access the following education records:

- Financial information submitted by parents;
- Confidential letters of recommendation for which a student has waived the right of access provided that the recommendations are used only for their intended purpose (i.e. admission, employment, or consideration for any honor). However, the student may know the names of all people making recommendations; and
- Confidential letters of recommendation placed in a record before January 1, 1975, if the letters were used only for the intended purpose.

Disclosures of Student Education Records

At its discretion, the university may release directory information unless the student has filed a request for nondisclosure of directory information with the Office of the University Registrar or, for law students, the WCL Registrar. Prior to releasing directory information, the university official processing the request must ensure that the student has not requested nondisclosure of directory information. Directory information includes a student's name, telephone numbers, addresses, e-mail addresses, month and day of birth, dates of attendance at the university, major field of study and class, date of graduation, degrees and honors received at the university, participation in officially recognized university activities, height and weight of members of athletic teams, photographs and similar information.

At its discretion, the university may release directory information for persons requesting such information. The university, in connection with specific events such as commencements, dean's list announcements, scholarship presentations, athletic contests, or other university-related news stories, may release directory information to the news media or the public. The university may release directory information for law enforcement purposes, and will release directory information as required by law.

Students who object to the disclosure of directory information must notify in writing the Office of the University Registrar or, for law students, the WCL Registrar. Forms for this purpose are available from the Office of the University Registrar or the WCL Registrar and should be filed within thirty (30) days fol-

lowing the first day of classes each fall and spring semester. The request for nondisclosure may be rescinded by written notification to the Office of the University Registrar or the WCL Registrar. In addition, the Registrar will notify students at the beginning of each fall and spring semester about the option to request nondisclosure of their directory information.

University officials are determined to have legitimate educational interest if the information requested is necessary for that official to perform a task that is related to their normally assigned job functions or related to their performance of a contract with the university. A "university official" includes faculty, staff, a member of the board of trustees, third-parties acting on behalf of the university, and individuals, including students, serving on university committees. The determination as to whether a legitimate educational interest exists will be made by the custodian of the records on a case-by-case basis.

Third-Party Access to Education Records

The university may disclose student education records with the prior written consent of the student. A student may authorize access to third parties to review the student's education record by completing a written and dated authorization form which specifies the information to be released, the reasons for the release, and to whom the information is to be released.

The university may disclose information in the following circumstances without the prior written consent of the student:

- To comply with a judicial order or lawfully issued subpoena. Unless otherwise directed by the order or subpoena, the university will make a reasonable effort to notify the student in writing of the order or subpoena in advance of compliance;
- To the parents of a dependent student, as defined in the Internal Revenue Code. The parent must sign, and provide to the university, a written statement confirming that the student is a dependent; the statement must be accompanied by a copy of the parent's most current tax return which reports the student as a dependent;
- To persons or organizations providing the student financial aid, or who determine financial decisions concerning eligibility, amount, conditions, and enforcement or terms of the financial aid;
- To organizations conducting studies for educational agencies to 1) develop, validate, or administer predictive tests, 2) administer student aid programs; or 3) improve instruction. Disclosure under this paragraph shall only be made if the study is conducted in a manner that does not permit personal identification of students by individuals other than representatives of the organization and that personally identifiable data will be destroyed when no longer needed for the purpose for which it was collected;
- To authorized representatives of the Comptroller General of the United States; Secretary of Education; or state and local educational authorities to audit or evaluate a federal or state supported education programs, or for the enforcement of or compliance with legal requirements of those programs. Disclosure under this paragraph shall only be made if

information is protected in a manner that does not permit personal identification of students by individuals other than the specified officials and that personally identifiable data will be destroyed when no longer needed for the purpose for which it is collected.

- To accrediting organizations for purposes related to accreditation of the university;
- To appropriate parties in a health or safety emergency;
- To victims of crimes of violence or non-forcible sex offenses concerning the results of disciplinary proceedings about those incidents;
- To appropriate parties as permitted by the university's Parental Notification of Disciplinary Violations Involving the Use or Possession of Alcohol or a Controlled Substance; and
- To appropriate parties in other circumstances as required by law.

Education records will only be disclosed to third parties if they are advised not to redisclose the information to others without the prior written consent of the student or as permitted by law.

Each university office must maintain a list of all individuals or organizations who have obtained access to a student's record. The list must indicate the legitimate interest that each person or organization has in obtaining the information. This "record of access" is part of the student's education record. A record of access is not necessary for disclosures: 1) to the student, 2) pursuant to a written authorization from a student, 3) to university officials, 4) of directory information, and 5) in response to a subpoena or court order specifying that the existence and/or contents of such documents may not be revealed.

Student's Right to Challenge Information in the Student Education Record

If a student demonstrates that the student's education record is inaccurate, misleading or otherwise in violation of the student's privacy rights, the student may request in writing that the record be changed. The request should be made directly to the custodian of the record. Any disagreement should be resolved informally, if possible and within a reasonable time period. If the

request is denied, the student may file a written appeal within 30 days to the University Registrar or, for law students, the WCL Registrar. The Registrar will appoint a hearing committee to review the complaint. The committee will provide the student a full and fair opportunity to present evidence. The student may be assisted or represented by one or more individuals of the student's choice, including an attorney. After the committee completes the proceeding and makes findings, it will render a written decision and forward it to the relevant parties for implementation.

Students, dissatisfied with the results of a hearing, may place an explanatory statement in the relevant education record commenting upon the information in dispute, and/or setting forth any reason for disagreement with the institutional decision not to correct or amend the record. Such a statement will become part of the student education record.

Records Retention

After five years since the student has graduated or was last registered at the university, the university generally destroys student education records. Exceptions include but are not limited to the following: permanent records of academic performance, including supporting documents; such financial records as are necessary so long as there exists a financial obligation to the university; and disciplinary records that involve a permanent notation to the student's record.

Transcripts

Students may obtain transcripts of their academic records from the Office of the University Registrar. Transcripts will be released only on the signed request or release of the student concerned.

The university will not issue a transcript that reflects only a part of the student's record, nor will it make copies of transcripts on file from other colleges and universities. Students with indebtedness to the university may not obtain transcripts.

Other University Regulations and Policies

Enrollment Certification

Currently enrolled students may obtain certification of enrollment by accessing the National Student Clearinghouse (NSC) via a link on the student portal. These certifications may be used to provide proof of enrollment for loan deferments, scholarship applications, employment applications, and other purposes. They are not to be confused with official transcripts of the student's permanent academic record. Please contact AU Central if additional information is required or if you have questions.

Grading System

Calculated in the Grade Point Average

Grade	Quality Points
A (Excellent)	4.00
A-	3.67
B+	3.33
B (Good)	3.00
B-	2.67
C+	2.33
C (Satisfactory)	2.00
C-	1.67
D (Poor)	1.00
F (Academic Fail)	0.00
FX (Administrative Fail in course for grade)	0.00

Academic Fail indicates the student's continued enrollment in the course and he or she did not satisfy the Instructor's summative requirements for passing the course.

Administrative Fail is assigned by the instructor in lieu of a grade of F when a student never attended or ceased attending the class, rendering an assessment of academic performance impossible. Instructors will be asked to provide the last date of attendance.

Additional Posting Symbols for Grades in Courses

R = Follows grade entry indicating course has been repeated.

N = No grade or invalid grade submitted (assigned by the academic unit or appropriate administrative officer when an expected final grade has not been received before the grade posting deadline. The academic unit and the Registrar are expected to secure an appropriate final grade within one semester).

IP = Course in progress

Not Calculated in the Grade Point Average

I	Incomplete
L	Audit (no credit)
P	Pass
W	Withdrawal
ZL	Administrative Withdrawal from Audit
FZ	Academic Fail in Pass/Fail course
ZX	Administrative Fail in Pass/Fail course
SP	Satisfactory Progress (graduate only)
UP	Unsatisfactory Progress (graduate only)

Grade Point Average

The cumulative grade point average includes only in-residence courses taken for conventional grades (A through F or FX). Courses below the 100-level or taken pass/fail are not included in the grade point average, nor are grades of Incomplete (I) or In Progress (IP).

Credit accepted for transfer from another institution is included in the total amount of credit applicable to degree requirements, but grades earned in such courses are not recorded on the permanent record at American University and are not used in computing the cumulative grade point average needed for graduation.

A student's GPA will not be rounded for purposes of evaluating satisfactory academic progress of academic standing (e.g., a cumulative or semester GPA of 1.99 will not be rounded to 2.00).

Academic units or teaching units will not accept C- or D grades in major and major-related courses, in minor courses, or toward courses that were taken to satisfy the College Writing or University Mathematics requirements. A course with a grade of C- or D may be used as an elective toward graduation requirements and the C- or D grade is calculated in the cumulative grade point average.

Pass/Fail

For undergraduate students, the grade of P indicates a quality of performance no less than C (2.00) on a conventional grading scale. For graduate students, the grade of P indicates performance equivalent to a B (3.00) or better on a conventional grading scale. Performance below these levels is reported as FZ. Degree credit is received with the grade of P.

Graduate students may not choose the pass/fail option. However, courses that can only be taken with pass/fail grading may be included on a student's Program of Study.

Undergraduate students may select the pass/fail option for no more than four courses after admission to the university. In any given semester, students may select the pass/fail option in only one course. Only elective courses may be taken pass/fail, and thus students must take for a letter grade courses in a major, in a minor, in General Education, and in courses that are taken to satisfy the College Writing or University Mathematics require-

ment. Those courses that can only be taken pass/fail are exceptions to the preceding rule and such courses are not included in the aforementioned four course maximum.

Incomplete Grades

At the discretion of the faculty member and before the end of the semester, the grade of I (Incomplete) may be given to a student who, because of extenuating circumstances, is unable to complete the course during a semester. The grade of Incomplete may be given only if the student is receiving a passing grade for the course work completed. Students on academic probation may not receive an Incomplete. The instructor must provide in writing to the student the conditions, which are described below, for satisfying the incomplete and must enter those same conditions when posting the grades for the course. Students are responsible for verifying that the conditions were entered correctly.

Instructors must identify in writing the conditions for satisfying the Incomplete. Those conditions must include what work needs to be completed, when the work must be completed, and what the course grade will be if students fail to complete that work, which, at the latest, must be before the end of the following semester absent an agreement to the contrary. Instructors will submit the grade of I and the aforementioned conditions to the Office of the University Registrar when submitting all other final grades for the course. If students do not meet the conditions, the Office of the University Registrar will assign the default grade automatically.

The Associate Dean of the Academic Unit, with the concurrence of the instructor, may grant an extension beyond the agreed deadline, but only in extraordinary circumstances. Incomplete courses may not be retroactively dropped. An Incomplete may not stand as a permanent grade and must be resolved before a degree can be awarded.

In Progress Grades

An In Progress (IP) is only available for designated courses and is a temporary posting that indicates the course is in progress. A faculty member may post an IP in lieu of a final grade for a course, research project, thesis, or capstone which has not been completed by the conclusion of the semester of registration and for which a final grade is not yet due. An IP grade may not stand as a permanent grade and must be resolved before a degree can be awarded.

Changes in Grades

Once reported, a grade may not be changed except to remove a grade of I (Incomplete) as stated above, or to correct a grade recorded in error. To remove a grade recorded incorrectly, the faculty member must certify in writing, with the approval of the Associate Dean, to the Office of the University Registrar that an error was made.

Judgment regarding standards of evaluation for a student's academic performance is a faculty responsibility. Therefore, students may not request a second evaluation of any work lead-

ing to the final grade for a course. Students should consult the **Student Academic Grievance Policy**.

Students are responsible for reporting to their instructors any errors in calculating grades on assignments, tests, or other activities before the day of the final examination as posted on the Registrar's Final Exam Schedule. Students also must report to their instructors any errors in calculating or posting a course grade no later than one year from the day the course grades were posted by the Office of the University Registrar.

Repetition of Courses

Undergraduate students have a maximum of three attempts to pass a course. Withdrawals count as an attempt. Once a student passes a course taken at American University, he/she may repeat it one more time unless the repetition exceeds the maximum number of three attempts. The repetition policy applies to a maximum of five courses including those courses repeated under the Freshman Forgiveness policy (given below) during their tenure at the university. Students are responsible for determining any academic or financial implications for repeating courses. In the context of this policy, passing a course includes meeting any stipulations needed to satisfy a university or major or minor requirement. Grades for each attempt are computed in the overall cumulative GPA, but only the highest grade and the credit associated with that grade counts toward the major GPA requirements.

Graduate students may repeat only once a course they have previously completed and failed or from which they have withdrawn. They may repeat only two courses in this fashion during a graduate program of study. Grades for each attempt are shown on the transcript and are used to compute the overall GPA, but credits for only one passed course are included in the credits required for the graduate degree.

Freshman Forgiveness

Degree students, during the first two semesters of full-time undergraduate study, may request Freshman Forgiveness for any two courses that have resulted in a grade of C- or lower. Part-time degree students may request Freshman Forgiveness during the first 30 credit hours of study. Students must request Freshman Forgiveness within the next calendar year and they must repeat such courses within the next calendar year or at the first possible opportunity. Only the second grade is computed in the cumulative GPA, but both courses remain on the transcript. Students may not request Freshman Forgiveness for a course if they received a sanction for that course due to a violation of the Academic Integrity Code.

Full-time, part-time, and Washington Mentorship students are eligible to apply for Freshman Forgiveness. Transfer and nondegree students may not claim Freshman Forgiveness. Certain classes may not be repeated for Freshman Forgiveness. Students should check with their academic advisor to determine which courses are not eligible for Freshman Forgiveness.

Graduation

Candidates for degrees submit an Application for Graduation form, available at myau.american.edu.

Once application for graduation has been made, the Office of the University Registrar with the advisor begin processing the necessary information for final certification of graduation. Students who fail to complete all degree requirements by the end of the term for which they applied to graduate must reapply in order to graduate later.

Conferral of Degrees and Commencement

The university confers degrees and issues diplomas at the end of the fall, spring, and summer terms. Formal commencement ceremonies are held in May.

Only students who successfully complete degree requirements by the end of the term for which they have applied (or re-applied) to graduate are certified for conferral of a degree. In witness of the degree conferred, the permanent records of the graduates are appropriately noted with a statement of graduation and their diplomas are released.

Candidates for degrees whose academic records indicate that they can satisfy degree requirements by the end of the term for which they have applied are permitted to participate in commencement ceremonies. Participation in a commencement ceremony does not itself constitute conferral of a degree, nor does it imply an obligation on the part of the university to award a degree before all requirements have been met and certified.

Interruption of Studies

A student who takes a temporary leave or separates from the university is no longer taking courses at AU. Student financial aid, merit awards, university housing, and immigration status may be affected by any temporary leave or separation from the university. Students should consult with their academic unit or the appropriate university office (Financial Aid, Office of the Dean of Students, International Student and Scholar Services, etc.) for help in determining the effects of the temporary leave or separation in their case. The two interruptions from the university are described below.

Temporary Leave

A temporary leave is an approved temporary separation from the university for a specified period of time after which the student is expected to return to active status. A temporary leave is initiated by the student in consultation with the student's academic unit and may be general, medical, or military in nature.

Separation

A separation from the university results in the loss of active student status. Students who have separated from the university must reapply to regain active student status. A separation can be initiated by the student or a representative of the university. If students are considering separating from the university, they should consult with their academic unit as soon as possible to determine whether there are other more viable alternatives.

The University may suspend a student from the University for an interim period pending disciplinary or criminal proceedings or medical evaluation regarding behavior relevant to such proceedings. Students whose work toward a degree is disrupted as a direct result of pandemic, hostilities, war or some similar emergency shall be given every possible consideration. In the event of a personal tragedy or trauma, students may need to coordinate alternative arrangements to complete coursework. Students or their authorized representative may contact the academic unit.

Further information about temporary leaves or separation from the University is available in the Academic Rules and Regulations for Undergraduates or for Graduates, which may be found through the Office of the Provost website at: www.american.edu/provost/.

Resuming Study

Students who cease to attend the university for an entire semester, whether voluntarily or not, and who are not on Temporary Leave, are separated from the university and may not resume study until they have been readmitted. Readmitted students are subject to all regulations and must meet all requirements in force when studies are resumed unless other arrangements have been agreed to in writing by the student's dean before the beginning of such an absence.

Students who change degree objective, college, or school, or who choose to conform to new regulations or requirements, must be prepared to complete all requirements and abide by all regulations in effect at the time such a change is made.

Undergraduate Rules and Regulations

Undergraduate Academic Standards

Academic Load and Enrollment Status

An undergraduate student admitted to and enrolled in a degree program usually registers for 15 credit hours each semester so that the required minimum of 120 credit hours for the bachelor's degree is completed in four years.

Students are considered full-time if registered for at least 12 credits hours, half-time if registered for 6 to 11.99 credit hours, and less-than-half-time if registered for less than 6 credit hours. This designation applies to fall, spring, and summer, with summer status determined by total credits across all sessions.

For fall and spring, a typical load for a full-time student is 15 credit hours; however, the flat undergraduate tuition rate applies to a total of 17 credit hours. To register for more than 18 credit hours, students must receive permission from their academic unit.

Evaluation of Academic Performance

Students are responsible for:

- identifying implications for their progress and status at the university, including impact on financial aid, which results from any change in registration,
- verifying that all changes in registration are reflected in their official student record,
- reporting to their instructors any errors in calculating grades on assignments, tests, or other activities before the day of the final examination as posted the Registrar's Final Exam Schedule, and for
- reporting to their instructors any errors in calculating or posting a course grade no later than one year from the day the course grades were posted by the Office of the University Registrar.

Judgment regarding standards of evaluation for a student's academic performance is a faculty responsibility; therefore students may not request a second evaluation of any work leading to the final grade for the course. Students should consult the policy on Student Academic Grievances.

Good Academic Standing

Undergraduate students (degree and nondegree) are in Good Academic Standing when they are maintaining a 2.0 cumulative GPA and are either enrolled in semester classes or are eligible to enroll in subsequent semester classes. There may be higher requirements for students receiving financial aid or other awards.

Satisfactory Academic Progress

Undergraduate students (degree and nondegree) are making Satisfactory Academic Progress when they are in Good Academic Standing, are completing 80% of all cumulative attempted credits at AU, and are meeting on time the minimum requirements for majors and additional requirements defined by the program. There may be higher requirements for students receiving financial aid or other awards.

Academic Warning

When the academic unit determines that a student has lost good academic standing or failed to make satisfactory academic progress, the academic unit may issue to the student in writing an academic warning. Students will be given an academic warning when either the student's semester GPA falls below 2.00 or the student is not making satisfactory academic progress. An academic warning is not recorded on the transcript.

Academic Probation and Dismissal

The Registrar will place students on academic probation when their cumulative GPA falls below 2.00 or when the Registrar is notified by the academic unit that a student has failed to meet other conditions for academic progress that may apply in some majors. The Registrar will notify students in writing of their academic probation status and of any conditions associated with the academic probation. Conditions that students must adhere to during the academic probationary period may include, but are not limited to, inability to petition instructors for incompletes, successful completion of specific courses, minimum grades in courses, or the overall GPA to be achieved in the academic probation period.

Once placed on academic probation, a student must maintain a minimum semester GPA of 2.33 and show satisfactory academic progress towards raising their cumulative GPA to the required level and meeting any other requirements unrelated to

GPA, as stated in their notification letter from the Registrar. Students are to check with the Office of Financial Aid to determine if any additional criteria are required in order to retain their financial aid. Students can be placed on academic probation only twice, and for no more than three semesters in total, whether for one or two academic probationary events. If a student attempts courses during the summer after being placed on probation, that term will count as one semester on probation. Students will be allowed to stay on probation for no longer than the time it takes to accumulate a total of three semesters on probation. After that threshold is reached, students will be dismissed from the University if they have not achieved good academic standing.

A student on academic probation may be subject to restrictions as to the load for which he or she may register. Such a student is ineligible to hold office in student organizations or to participate in intercollegiate competitions. The student may, however, be permitted to participate in intercollegiate athletics programs as of the end of a session in which the cumulative GPA is raised to 2.00 (C), even though technically still on academic probation (as when academic probation is stated for a two-semester term). Also, a student may with permission of the student's academic unit complete the season of any collegiate sport in which he or she is participating at the time he or she falls below a 2.00 cumulative average GPA.

The university will dismiss immediately students whose cumulative GPA, after attempting or completing 24 credits (excluding courses in which the recorded grade is W, I, or IP), falls below 1.0 (D).

When dismissing students from the university, the university may give students the option of reapplying for admission after one calendar year has passed from the final day of the session during which the dismissal was implemented, or the university may choose to permanently dismiss students from the university, which means that it will not consider future applications from the student. The type of dismissal will be included in the letter from the academic unit, and recorded by the Office of the

Registrar on the transcript. Readmission applications are evaluated based on the total record of the student and consistent with the admission practices in effect at the time of application. A readmitted student is governed by the academic requirements in effect at the time of readmission.

Academic probation and dismissal are permanently recorded on the transcript of undergraduate students.

Changes in Field of Study

To change from one academic unit to another or to change majors within an academic unit within AU, students must be in good academic standing and receive the permission of the academic unit or teaching unit designee in charge of the program to which they wish to transfer. The various academic units and teaching units may establish additional requirements which must be met by each of their candidates for a degree.

Class Standing

Class standing is determined by the total number of credits, with adherence to the policies for repetition of courses, that students have earned including graded courses at AU, IB/AP/CLEP/A-level credits, or transferred courses. Credits that are not included in calculating class standing are credits not completed (N, I, IP), or credits not accepted through transfer, examination, or experiential learning.

Credit Hours Completed	Standing
0–29	Freshman
30–59	Sophomore
60–89	Junior
90 or above	Senior

Undergraduate Degree Regulations

No student shall be subject to regulations and academic requirements introduced during the student's continuous enrollment in good standing in a single degree program if the new regulations involve undue hardships or the loss of academic credits earned to satisfy the requirements previously in effect. Undergraduate students are governed by minimum requirements for the undergraduate degree (each teaching unit may have further major and major-related requirements).

Bachelor's Degrees

The university offers the following bachelor's degrees: Bachelor of Arts (BA), Bachelor of Fine Arts (BFA), Bachelor of Science (BS), and Bachelor of Science in Business Administration (BSBA).

Credit Hour and GPA Requirements

All bachelor's degrees require completion of at least 120 credit hours of course work with a cumulative GPA of 2.00 or better.

The minimum graduation requirement of 120 credit hours must satisfy a major requirement and also satisfy the requirements for the General Education program, the College Writing Requirement, and the University Mathematics requirement.

Internships

Undergraduates may count a maximum of 12 credit hours of internship toward the 120 minimum credit hours required for graduation with a maximum of 6 credits counting in their major.

Residence Requirement

At least 45 credit hours out of the last 60 must be completed in residence at American University. A minimum of 15 credit hours must be completed in residence at American University in upper-level courses in the student's major. A student may transfer a cumulative total of 75 credit hours from the following: 1) any approved AG-rated and regionally accredited two-year and four-year institutions; 2) a maximum of 30 credit hours from one or a combination of Advanced Placement (AP), International Baccalaureate, CLEP subject examinations, or other AU approved test credit; 3) a maximum of 30 credit hours for a combination of relevant work completed satisfactorily in college-level Armed Services School courses, or US Armed Forces Institute correspondence or extension courses, completed with a grade of 70 or better, as recommended at the baccalaureate level as appropriate for academic credit by the American Council on Education. Military Occupation Services (MOS) credit may be earned through the APEL program and will be included in the 75 credit hour total (contact the School of Education, Teaching and Health for information).

Credit earned in any American University course, in any instructional modality, is residence credit. Some AU courses and programs are offered at physical sites other than the AU campus and are considered in residence courses by the Office of the University Registrar. With some exceptions, students receive in residence credit for such courses. Credit earned by an American University student through the Consortium of Universities of the Washington Metropolitan Area is also residence credit.

Courses considered not in residence by the Office of the University Registrar include those transferred into AU, those taken through a Permit to Study at Another Institution, or credits accepted through exams including CLEP, IB, AP, FB, A-levels, or other approved exams for transfer credit.

A student will not be able to register for a second semester at AU until all final official transcripts have been received by the AU Office of Admissions from previously attended institutions.

Three-Year Bachelor's Programs

The university offers a limited number of pre-defined three-year bachelor's programs. These special programs offer an intensive cohort experience that continues through each summer session until the completion of the degree. Prospective students may apply directly through the Office of Admissions.

Dual Degrees

Students who decide to declare a second degree in a major field of study are expected to declare their second major one year prior to the intended date of graduation, usually 90 credits earned at AU or the end of the junior year. Students must have a 3.00 cumulative GPA at the time of declaration of the second de-

gree. Students who fulfill all the requirements for two bachelor's programs (including major, major-related, and residence requirements) and who have earned a total of 150 credit hours may be awarded two bachelor's degrees. At least 24 credits must be unique to each degree. Dual degree students can apply a maximum of thirty credits for approved exams. Such students should note that financial aid is only available for a maximum of 180 credit hours.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Students can choose from a wide variety of established bachelor's/master's programs, or they can create bachelor's/master's programs with the approval of the academic department supervising the graduate-level work. Students may complete graduate degrees in disciplines different than their undergraduate degrees, provided they are admitted to the master's program by the supervising department and they have completed the prerequisites required for the graduate program.

A combined bachelor's/master's program involves tentative admission to graduate standing so that both a bachelor's and master's degree may be earned as the result of a planned program of study. Highly qualified students in good academic standing may apply to a graduate program for a combined degree as soon as they have completed 75 earned credits. With rare exceptions, students will apply no later than the semester in which they have 90 completed credits toward their degree. Admission during the junior year or equivalent allows sufficient time and preparation for curricular sequences and other research experiences that distinguish this option from separate bachelor's and master's degrees. No more than one graduate degree can be earned as a combined degree.

Students apply to the combined program at two levels: 1) for admission to the undergraduate degree level as described above, and 2) for admission to the graduate program upon satisfactory completion of the undergraduate degree. Each graduate program has set its own admission standards and requirements for the combined program. Specific information is available by the program.

Once accepted into the combined program during the junior year, students must follow a prescribed program of work approved by a faculty advisor that identifies which courses will be applied toward both the undergraduate degree and the master's degree. Once students have graduate in good standing from their undergraduate degree program, students will be officially admitted to and enrolled in their graduate program if they have met all University and academic unit or teaching unit requirements for admission to the master's program. Once admitted in the master's program, students are then subject to the academic regulations governing graduate students.

Once admitted to the combined program and while an undergraduate, the student may expect to share up to 3 credits required

by the graduate degree program for every 9 credits required by the graduate degree program if he or she is admitted to the graduate program. For example, a student can share 9 credits for a 30-hour master's degree, 12 credits for a 36-hour master's degree, or 15 credits for a 39-hour or more master's degree for graduate-level courses taken as an undergraduate. Individual programs may set lower limits. This applies only if these credits were approved as part of the application to the combined program and the student was admitted to the graduate program.

Students are required to complete the graduation application and clearance process once for the bachelor's degree and once for the master's degree.

Evaluation of Progress

An evaluation of each undergraduate student's progress is made by the office of the student's dean after each semester. In addition to the cumulative grade point average, this evaluation considers completion of all university requirements and the ratio of courses satisfactorily completed to all courses attempted by the student. Students who are not making satisfactory progress are informed in writing of the result of their evaluation and offered academic advising.

The university has no strict regulations governing the total amount of time an undergraduate student may take to fulfill the requirements for a degree, provided the student maintains the appropriate grade point average and gives evidence of being seriously interested in the eventual achievement of his or her academic objective.

Major Requirements

A major requires a minimum of 36 credit hours, at least 18 of which must be earned in residence at American University. At least 18 credits must be earned in upper-level courses in the major, and at least 15 of those credits must be earned in residence. Students who wish to take an upper level course at another institution in the first 18 hours of major course work must receive permission from their teaching unit chair or equivalent. A grade of C or better is required for each course used to satisfy the major. Students should note that a C- does not qualify and any course with a C- or lower will have to be repeated or an equivalent course taken to satisfy the major requirement involved. Courses in the major may not be taken on a pass/fail basis.

Declaration of Major

Students are expected to declare a major before completing 60 earned credits. The declaration must be approved by the academic unit or teaching unit designee in charge of the proposed major. The academic units or teaching units may require higher than minimal performance in major and related courses as a condition for acceptance as a major.

Students can declare more than one major if they have a minimum 2.50 cumulative GPA and if at least 18 credits are unique to each major. Individual academic units or teaching units may require a higher GPA and have other requirements that exceed the regulations.

Double Majors

If the majors are offered by more than one academic unit within the University, then students will designate at the time of declaration of the majors the single academic unit in which they will be registered and from which they will be graduated. Students will need to satisfy the general academic unit requirements of that single academic unit only. When majors lead to different degrees (e.g., BA and BS), students will specify which degree they wish to be awarded. Electives may be used to satisfy double major requirements.

Individualized Majors

Students may design their own majors and minors by applying to a review committee overseen by the Vice Provost for Undergraduate Studies. Students must have a 3.00 cumulative GPA and must apply no later than before the completion of 60 earned credits in residence.

Individualized programs must meet the minima described above in **Major Requirements**.

Minors

Specific course requirements for minors are listed under departmental programs. All minor programs consist of a minimum of 18 credit hours, including at least 9 credit hours at the 300 level or above. For all minors, at least 9 credit hours of the stated requirements must be taken in residence at American University. At least 12 credit hours of the minor must be outside of the course requirements for each major or other minor the student is pursuing. A grade of C (2.00) or better is required for each course used to satisfy the requirements of a minor.

Students who decide to declare a minor field of study are expected to declare their minor no later than one year prior to the intended date of graduation, usually 90 credits earned at American University or the end of the junior year.

Students should consult with their advisors as to the procedure for declaring a minor. Minors are noted as a comment on the student's permanent record at the time of graduation, but will not appear on the student's diploma.

Individualized Minors

Students may design their own minors by applying to a review committee overseen by the Vice Provost for Undergraduate Studies. Students must have a 3.00 cumulative GPA and must apply no later than before the completion of 60 earned credits in residence.

Individualized programs must meet the minima described above in **Minors**.

Certificate Programs

All credit certificate programs must include a minimum of 12 credit hours. Admission to credit certificate programs is open only to those students who meet University minimum nondegree enrollment requirements. Admission requirements in excess of University minimums must be stated explicitly in the credit certificate program proposals.

Equivalent credit earned at an accredited college or University may be applied toward a certificate at the following rate: 3 credit hours for certificates from 12 to 18 credit hours in length, and 6 credit hours for certificates over 18 credit hours in length.

Students enrolled in undergraduate certificate programs must maintain a 2.0 grade point average to remain in good academic standing. Nondegree certificate students may be placed on academic probation, dismissed, or readmitted to certificate study according to regulations governing nondegree students.

Certificate students who are also enrolled in undergraduate programs may be placed on academic probation, dismissed, or readmitted to certificate study according to regulations governing undergraduate students.

Grades of C- or D in certificate program courses will not be accepted toward the fulfillment of certificate requirements although these grades will be included in the calculation of the cumulative grade point average. Students in other than graduate certificate programs must have at least a 2.0 grade point average in certificate courses in order to be awarded a certificate.

Students in certificate programs must take a minimum of 6 credit hours during each 12-month period after they are admitted. All programs must be completed within four years.

Study at Another Institution

An enrolled student who plans to take courses at another college or university for transfer credit to American University must be in good academic standing and must receive prior approval from the student's department chair and dean using the Permit to Study Abroad form or the Permit to Study at Another US Institution form. Students will not be granted a Permit to Study at an institution in the Consortium of Universities of the Washington Metropolitan Area; the Consortium process should be followed. For study abroad, approval is also required from the AU Abroad director. If the course to be taken is outside the area of the student's major, the chair of the department which would offer credit for such a course must also approve the permit. Approval is granted for specific courses. Permits to Study may not be authorized for courses at community colleges or non-accredited four year institutions.

The visited institution, if in the United States, must be regionally accredited. With departmental approval, transfer credit is applicable toward the requirements of a major. Transfer credit may be used to fulfill General Education Requirements through the evaluation of equivalent courses taken at another institution and with the approval of the student's dean. Because of the special nature of the program, after the student has been admitted to American University no credit toward General Education Requirements may be earned through transfer credit.

Transfer credit from a Permit to Study is accepted for courses with earned grades of C or better. Grades for courses taken during a Permit to Study at another institution are not recorded on the AU transcript and are not computed in the GPA. Such courses will not count in the total number of credits needed for graduation if the grade received is below a 2.0 on a 4-point scale.

However, students must meet GPA requirements for individual courses taken at other institutions as required for electives or major or minor courses. Students must satisfy any additional requirements provided on the Permit to Study form.

Permit to Study at Another US Institution

Students in good academic standing who wish to take courses that would not be considered in residence courses must receive prior approval by their academic unit. Students who want to apply a course to their major or minor must receive teaching unit or equivalent approval. Students must secure approval from the academic unit prior to registering for the course and such approval is granted only for specific courses. Students may transfer up to a total of 10 credits during this course of approved study at another US institution, but they may not earn general education credit on a Permit to Study.

Permit to Study Abroad

Undergraduate students in good academic standing who wish to study abroad on any non-AU Abroad study abroad program or at any foreign university not partnered with AU must receive prior approval of their academic unit and of AU Abroad. Permission for such study is granted only when the student can demonstrate that the academic opportunity offered by the program or foreign university cannot be met through study at any one of AU's existing partner universities or study abroad programs. Grades for courses taken during a Permit to Study Abroad are not recorded on the AU transcript and are not computed in the GPA, though they will count in the total number of credits needed for graduation. Students will be allowed to transfer a maximum of 36 credits from studying abroad in a non-AU program via the permit process. Complete permit applications must be submitted before the end of the semester prior to the anticipated study abroad program. The University will not approve retroactive permits.

Students who complete the Permit to Study Abroad form and enroll in a non-AU study abroad program are required to pay the Permit to Study Abroad fee for each semester, including summer, they are registered.

Medical Permit to Study

While on a temporary leave for medical reasons, students may request from their academic unit a medical permit to study in order to minimize disruptions to their academic progress. In order to receive a Medical Permit to Study, students must have an approved Medical Temporary Leave. Students should provide medical documentation only to the Office of the Dean of Students. With a medical permit to study, students may take two courses at another institution for up to eight credits per semester for a maximum of four courses for up to 16 credits. Individual academic units may have additional restrictions. Courses must be preapproved by the student's academic unit prior to enrollment. Course credits that are approved may count toward the 120 credits needed for graduation as defined in the academic in residence requirement.

Study Abroad

American University offers numerous study abroad programs through the AU Abroad Program. Students may also participate in study abroad programs offered by other institutions that are part of a regionally accredited US college or university, and are recorded on the transcripts of those institutions. For determination of regional accreditation, the publication *Credit Given* is the accepted reference.

After consultation with and approval of the student's dean and the AU Abroad director, application is made directly to the institution for admission to its foreign study program. Transfer credit will be granted on the basis of the transcript from the sponsoring US college or university.

Students may also attend institutions abroad not affiliated with an American college or university. For details, see above **Permit to Study Abroad**.

Transfer and Exam Credit

This section describes the policy for all external work for which American University awards credit. Transfer students should also refer to the section below, entitled **Undergraduate Degree Requirements**, for the full policy, including the applicability of transfer credit, to College Writing and University Mathematics Requirements.

The Admissions Office evaluates official documents showing previous college-level work completed. Individual teaching units determine how this credit will apply to specific degree programs. Once a student has matriculated, transfer work will only be accepted if it has been approved in advance by the academic unit via the Permit to Study process. A student must satisfy all requirements of the Permit to Study process, including advance approval for specific courses and a maximum number of credits. General Education credit and University Mathematics and College Writing requirement credit may not be earned after matriculation to AU through the Permit to Study process.

Grades and quality points earned in courses accepted for transfer will not be included in the grade point average to be maintained at American University, but the credits will count toward the total number required for graduation.

Transfer students may normally expect to receive credit for courses taken at collegiate institutions that were, at the time the courses were taken, an AG-rated regionally accredited institution. These courses must be appropriate for academic credit at American University towards an undergraduate degree program. A maximum of 75 cumulative credit hours will be accepted from the following: 1) any approved AG-rated and regionally accredited two-year and four-year institutions; 2) a maximum of 30 credit hours from one or a combination of Advanced Placement (AP), International Baccalaureate, CLEP subject examinations, or other AU approved test credit; 3) a maximum of 30 credit hours for a combination of relevant work completed satisfactorily in college-level Armed Services

School courses, or US Armed Forces Institute correspondence or extension courses, completed with a grade of 70 or better, as recommended at the baccalaureate level as appropriate for academic credit by the American Council on Education. Military Occupation Services (MOS) credit may be earned through the APEL program and will be included in the 75 credit hour total (contact the School of Education, Teaching and Health for information).

A student will not be able to register for a second semester at AU until all final official transcripts have been sent to the AU Office of Admissions from previously attended institutions.

Minimum Transfer Requirements

Courses eligible for transfer upon matriculation to AU must have a recorded grade of C or above. Courses with a grade of "P" or Pass are eligible for transfer, providing that the grade of "P" is the equivalent of a C or above. Only courses in which the student has received a grade of 2.0 or above on a 4.0 scale will be recorded on the student's AU transcript and will be applied towards the total number of credits required for graduation. Grades for transfer courses are not computed in the cumulative grade point average.

Courses taken on the quarter system will receive the standard .67 credit per credit hour of study (e.g., a 3 credit hour course at a quarter school will merit 2 credit hours at AU).

Courses below the pre-calculus level will not receive transfer credit.

Credit hours for remedial courses and internship/externship are not eligible for transfer to AU.

Technical or vocational credit hours may not be eligible for transfer to AU.

Transfer of Foreign Language Courses

A student who wishes to transfer foreign language courses from previous institutions must follow the guidelines established by AU's Department of World Languages and Cultures (WLC). For more information, please visit the WLC website at www.american.edu/cas/wlc/placement.cfm.

Credit through Examination

Credit through examination will be given in accordance with the guidelines AU stipulates for all admitted students. All scores must be sent by the testing agency directly to AU. Credit will be applied toward a student's program of study at the academic unit's discretion.

All exam scores must be received by the AU Office of Admissions no later than the end of the second enrolled term. Exam scores more than six years old may not be accepted for credit. A student whose exam scores articulate as credit for one or more courses in the General Education Program may apply up to 4 credit-by-exam courses to their General Education requirement. Additional courses may still be applied toward the major or minor, or as elective credit. For more information, see the AU policy concerning credit by exam at:

www.american.edu/admissions/examcredit.cfm.

Undergraduate Degree Requirements

College Writing Requirement

All students must be able to write in English with a level of mastery equivalent to the demands of college course work. In addition, students need to acquire the critical reading skills needed for all their college courses.

Students must satisfy the College Writing requirement within the first 30 credits earned in residence. Students who do not satisfy the College Writing requirement within the first 30 credits will be blocked from registering for subsequent semesters until the requirement is met. Students must receive a grade of C or better in any course taken to satisfy this requirement. Students are allowed at most three attempts, per the academic regulations concerning Freshman Forgiveness and repetition of courses, to complete this requirement. Incoming freshmen may satisfy the College Writing requirement in one of the following ways:

- Earning a grade of C or better in LIT-100 and LIT-101; in LIT-130 and LIT-131; or in LIT-102 and LIT-103; or
- Scoring 4 or 5 on the Advanced Placement English Language and Composition Test; or scoring 5 or higher on the Higher Level International Baccalaureate Examination, and also earning a grade of C or better in LIT-106 or LIT-132.

Writing Proficiency Examination for Transfer Students

Transfer students who present 6 hours of acceptable composition credit from another institution will satisfy the College Writing requirement by passing the Writing Proficiency Examination within the first calendar year of admission to AU. Students failing the exam twice must enroll in a College Writing requirement course that is approved by the College Writing Program and must pass the course with a grade of C or better.

Transfer students who present 3 hours of acceptable composition credit from another institution may satisfy the College Writing requirement within the first calendar year by passing a course that is in the College Writing sequence and approved by the College Writing Program with a grade of C or better.

Students who do not satisfy the aforementioned requirements will be blocked from registering for subsequent semesters until the relevant requirement is met.

The Writing Proficiency Examination is administered by the College Writing Program in the Department of Literature. For more information about the exam, contact the director of the College Writing Program at 202-885-3911. To schedule an appointment at the Writing Center, call 202-885-2991.

University Mathematics Requirement

Students must satisfy the University Mathematics requirement within the first 30 credits earned in residence. Students who do not satisfy the University Mathematics requirement within the first 30 credits will be blocked from registering for subsequent semesters until the requirement is met. After students have matriculated at AU, no credit toward the University Mathematics requirement may be earned through transfer credit. Students meeting the requirement through course work must receive a grade of C or better. Students are allowed at most three attempts, per the academic regulations concerning Freshman Forgiveness and repetition of courses, to complete this requirement. Incoming freshmen may satisfy the University Mathematics requirement in one of the following ways:

- Earning a grade of C or better in one approved AU mathematics courses at the level of MATH-150 or above, or one AU statistics course offered in the Department of Mathematics and Statistics
- AP Calculus AB or AP Calculus BC score of 4, or 5
- AP Statistics score of 4, or 5
- SAT II Mathematics Level II Achievement test score of 650
- CLEP Calculus examination score of 75
- British A-Level mathematics examination with a grade of A or B
- International Baccalaureate higher-level mathematics examination score of 6 or above

University Mathematics Requirement for Transfer Students

Transfer students and graduates of secondary schools outside the United States may also satisfy this requirement via one of the following:

- Passing one of the examinations given by the Department of Mathematics and Statistics which demonstrate competence equivalent to having successfully completed one of the following courses: MATH-15x Finite Mathematics, MATH-211 Applied Calculus I, or STAT-202 Basic Statistics. Only one of these examinations may be taken and that examination may be taken only once, during the first semester for which the student is enrolled in degree status. Eligible students should contact the Department of Mathematics and Statistics for more information about the Mathematics and Statistics Equivalency Examination; or
- Transferring a course named "Calculus I" or a mathematics course for which "Calculus I" is the prerequisite with a grade of B or better from an AG-rated collegiate institution.

The Department of Mathematics and Statistics will specify the appropriate placement of students in 100 and 200-level mathematics or statistics courses.

General Education Program

The General Education Program is designed for all undergraduate students regardless of degree program. Aimed at building a strong intellectual foundation, the General Education requirements are drawn from five Foundational Areas. The program is designed to be completed during the first two years of study, allowing students ample time to pursue their major as well as study abroad, internships, and minors or second majors.

The General Education Program is the cornerstone of a student's academic program at American University. This chapter guides students in building a meaningful and valuable program. While reading, please keep in mind the following:

- students take a total of ten General Education courses; two courses in each of five Foundational Areas, with at least one course from The Natural and Mathematical Sciences (Foundational Area 5) that includes a laboratory science experience
- no more than two courses from a discipline may be taken for General Education credit; disciplines are designated by the course number subject prefix (e.g., ANTH, BIO)
- once a student has enrolled, all courses to fulfill General Education Requirements must be taken at American University

General Education Program Definitions

Foundational Area (or “Area”)

One of the five content-specific subdivisions of the General Education Program:

1. The Creative Arts
2. Traditions that Shape the Western World
3. Global and Cross-Cultural Experience
4. Social Institutions and Behavior
5. The Natural and Mathematical Sciences

Discipline

Refers to the subject prefix in a course number regardless of academic department or course content. For example, the course number PHIL-105 refers to a philosophy course; the course number RELG-210 refers to a religion course. Although these courses are in the Philosophy and Religion Department, they have different prefixes and are in different disciplines. The course number ARTH-105 refers to an art history course; the course number HIST-100 refers to a history course. Although these courses are both about history, they are in different disciplines.

Foundational Area Requirements

Students select courses from those that are designated as General Education courses. Students choose two courses in each Foundational Area at either the 100- or 200-level.

Courses at the 100-level introduce students to the fundamental concepts, issues, and achievements in the disciplines. Courses deal explicitly with the appropriate processes and standards for gathering and evaluating information (quantification, experiments, primary sources, authoritative texts) and interpretation (methods of investigation and analytic skills) in a specific disciplinary field. All science 100-level courses include a laboratory experience. The courses are designed to help students achieve a broad view of how different disciplinary viewpoints and fields of knowledge can contribute to their understanding of themselves and the world around them. Courses at the 200-level tend to be more academically rigorous and are geared toward second-year students. Some may have prerequisites at the 100-level, as designated by the academic unit offering the course.

General Education courses differ from traditional survey courses by integrating into the course some of the intellectual skills and resources essential to life in the twenty-first century.

These learning outcomes include the following, as appropriate:

Aesthetic sensibilities: Critical reflections on the nature and history of beauty and art.

Communication skills: Interchanging ideas and information through writing, speech, and visual and digital media.

Critical inquiry: Systematic questioning and analysis of problems, issues, and claims.

Diverse perspectives and experiences: Acquiring knowledge and analytical skills to understand a variety of perspectives and experiences, including those that have emerged from the scholarship on age, disability, ethnicity, gender and gender identity, race, religion, sexual orientation, and social class.

Innovative thinking: Venturing beyond established patterns of thought in imaginative and creative ways.

Ethical reasoning: Assessing and weighing of moral and political beliefs and practices, and their applications to ethical dilemmas.

Information literacy: Locating, evaluating, citing, and effectively using information.

Quantitative literacy and symbolic reasoning: Applying mathematical, statistical, and symbolic reasoning to complex problems and decision making.

Course Selection

Students select two courses in each Foundational Area. Students will not be able to satisfy General Education Requirements with more than two courses in any one discipline even though a discipline may have courses included in more than one Foundational Area. Courses required for College Writing and University Mathematics do not count in the two-course limit.

Prerequisites

Students who have placed at or below Finite Mathematics must satisfy the University Mathematics Requirement before enrolling in a course in the Natural and Mathematical Sciences Foundational Area.

Relation to the Major

The requirements for the major, the area of a student's academic concentration, are listed under individual degree programs. Many of the courses in the General Education Program also meet requirements of the major. Students interested in a double major need to plan ahead if they expect to fulfill all requirements within 120 credit hours.

Grading Requirements

To receive General Education credit, a student must successfully complete a General Education course with a grade of D or better. However, if the course is also being taken to fulfill a requirement for the major at least a C is required and the grading policies for that program should be consulted.

Advanced Placement Credit

Students presenting a 4 or 5 on the Advanced Placement examination, qualifying score on the CLEP examination, or grades for which they have received credit from the British A Levels, CEGEP, International Baccalaureate, German Abitur, or other international credential for which they have been granted credit by American University may apply the credit for up to four courses to meet General Education requirements in any of the five Foundational Areas. Credit for General Education may only be awarded when specific General Education courses, which have been so designated, match particular exam results (with the exception of the CEGEP and German Abitur, which are handled ad hoc) and only for examinations taken prior to entering American University. Specific information regarding application of this principle is contained in the "General Education Advanced Placement Credit Articulation" effective for the academic year of admission. This document is maintained by the Office of Admissions and is available in all advising units.

Transfer Students

Transfer students satisfy their General Education Requirements through a combination of appropriate transfer courses and completion of courses in the General Education Program at American University. Through the evaluation of equivalent courses taken at another institution and with the approval of a student's dean, transfer credit may fulfill all 31 credit hours. In some cases, students supplement transfer credit with General

Education courses taken at the university to meet the 31-hour requirement.

Study at Another Institution

Transfer credit may be used to fulfill General Education Requirements through the evaluation of equivalent courses taken at another institution and with the approval of the student's dean. Because of the special nature of the program, after the student has been admitted to a degree program at American University no credit toward General Education Requirements may be earned through transfer credit.

General Education and the University Mathematics Requirement

All students must fulfill the University Mathematics Requirement before enrolling in their first course in the Natural and Mathematical Sciences Foundational Area (Area 5), unless they have placed above Finite Mathematics. Students who have placed above the level of Finite Mathematics may take their first course before or concurrently with course work taken to satisfy the University Mathematics Requirement.

Questions about General Education

Who has to complete the General Education Program?

All American University undergraduates must fulfill General Education requirements.

How many courses do students take?

All students must take two courses in each of the five Foundational Areas (for a total of ten).

What if a course closes before a student can register for it or it is not offered the semester a student wants to take it?

Almost all courses are offered at least once a year, so a student may wait until the next semester and see if it fits into that schedule. Or, a student may take a different course if it's compatible with his/her schedule and s/he has met all the prerequisites.

How many courses may be taken from each discipline for General Education credit?

Although some academic departments have courses in several Areas, students may not take more than two General Education courses in a discipline. For example, a student may only take two sociology courses (course numbers beginning with SOCY) out of the ten General Education courses.

What grade is required for General Education classes?

Students must get a D or better in order to get General Education credit. However, if a General Education class is taken to fulfill a requirement towards a major, at least a C is needed, and possibly a higher grade. Check with the appropriate academic department to be sure.

64 Undergraduate Rules and Regulations

May a General Education course be taken, but not for General Education credit?

Yes, a student may be able to count courses in the General Education Program towards major or minor requirements, or for elective credit. Courses are offered for non-General Education credit under the same course number.

Should General Education courses be spread out over four years?

The program is designed so that it can be completed in a student's first two years. Students should finish their General Education requirements as soon as possible to keep their last years open for off-campus opportunities, such as internships and study abroad. If a student has not yet completed the math requirement, it is essential to speak to an advisor about its connection to the Natural and Mathematical Sciences (Area 5) requirement.

May advanced placement credits be used towards General Education requirements?

Students presenting a 4 or 5 on the Advanced Placement examination, qualifying score on the CLEP examination, or grades for which they have received credit from the British A Levels, CEGEP, International Baccalaureate, German Abitur or other international credential for which they have been granted credit may be able to apply the credit for up to four courses to meet the General Education requirements in any of the five Foundational Areas. Credit for General Education may only be awarded when specific General Education courses, which have been so designated, match particular exam results (with the exception of the CEGEP and German Abitur, which are handled ad hoc) and only for exams taken prior to entering American University. Specific information is contained in the General Education Advanced Placement Credit Articulation effective for the academic year of admission. This document is maintained by the Office of Admissions and is available in all advising units and online at: www.american.edu/admissions/examcredit.cfm.

Do transfer students have to complete General Education requirements?

Yes, transfer students must still fulfill General Education requirements. However, courses taken prior to admission to American University will be evaluated by the appropriate faculty to determine whether they qualify for credit in the program. It is technically possible for all ten courses to be transferred with a dean's approval.

Where can students go for help in planning their General Education courses?

Students should take the responsibility of planning which General Education courses they will take, making sure they follow all program requirements and rules. Each semester before registering online, students are reminded to review their electronic degree audit report, which will indicate the General Education requirements still needed. An academic advisor or the publications available on campus and online at www.american.edu/provost/gened may be able to assist students who have questions or are having difficulty in choosing a particular course. Students may also contact the General Education Program at 202-885-3879 or gened@american.edu.

What's the connection between the General Education Program and the University Mathematics Requirement?

All students must fulfill the University Mathematics Requirement before enrolling in their first course in the Natural and Mathematical Sciences Foundational Area (Area 5), unless they have "placed" above Finite Mathematics. Students who have placed above the level of Finite Mathematics may take a course in Area 5 before or concurrently with course work taken to satisfy the University Mathematics Requirement.

Most Important Program Regulations

- Do not take more than two courses from any single discipline as indicated by the subject prefix (for example, BIO is Biology and HIST is History) for General Education credit (including transferred courses).
- Fulfill the University Mathematics requirement before enrolling in the Natural and Mathematical Sciences Foundational Area (Area 5), unless placed above Finite Mathematics.
- At least one course in the Natural and Mathematical Sciences Foundational Area (Area 5) must include a laboratory science experience.
- Once enrolled, all courses to fulfill General Education requirements must be taken at American University.
- Students must pass a General Education course with a grade of D or better.

Foundational Area 1: The Creative Arts

The creative arts celebrate the human capacity to imagine, to create, and to transform ideas into expressive forms such as paintings, poems, and symphonies. The arts provide us with a rich record of human cultures and values throughout time. They enable us to understand and enjoy the experiences of our senses and to sharpen our aesthetic sense—that human quality through which we comprehend beauty. To appreciate the relationship between form and meaning is to realize that the creative arts, regardless of their medium of expression, share important principles.

Courses in this Foundational Area have varied emphases: the process of creativity, the analysis of the artistic imagination, or the relationship between artists, their works, and the societies in which their works are produced. Students may choose a “hands-on” experience and paint, draw, design, or write a poem. Alternatively, they may study both classic and recent works of literature, art, music, dance, or theatre. All courses in this area challenge the student to understand creativity and the distinctive intellectual process of the human imagination.

The Creative Arts: Goals

- examine the nature of creativity, especially imaginative and intuitive thinking
- situate creative works, and judgments about those creative works, in their appropriate social and historical context
- develop the student’s own creative and expressive abilities, so that the student can better understand the qualities that shape an artist’s work

Wildcard Courses

GNED-110 General Education Area 1 Topic

GNED-210 General Education Area 1 Topic

Wildcards are original, timely courses offered on a one-time basis, affording an opportunity to try out new ideas. New courses are often (but not always) offered as wildcards as a prelude to proposal for a permanent place in the General Education program. Subject to the approval of the General Education Curriculum Committee, wildcards can be offered by any teaching unit. Offerings vary each semester.

Sophomore Seminars

Sophomore Seminars are interdisciplinary or multi-disciplinary courses that integrate approaches and methods from two or more disciplines. Students are exposed to multiple modes of thinking about subjects, concepts, and problems, and engage in evaluating complementary and competing ways of knowing. Sophomore Seminars can be offered by any teaching unit at the 200-level under the GNED prefix, and are specifically designed to meet the learning goals of two or more Foundational Areas. Offerings vary each semester.

Foundational Area 1 Courses

ANTH-225 Language and Human Experience

ARTH-105 Art: The Historical Experience

ARTH-210 Modern Art: Nineteenth and Twentieth Centuries

ARTH-225 Buddhist Arts of Asia

ARTS-100 Art: The Studio Experience

ARTS-205 The Artist's Perspective: Drawing

ARTS-210 The Artist's Perspective: Painting

ARTS-215 The Artist's Perspective: Sculpture

ARTS-235 The Artist's Perspective: Video Art

COMM-105 Visual Literacy

GDES-200 Visual Communication Design

GDES-230 Graphic Design History: Visual Culture, Commerce, and Propaganda

LIT-105 The Literary Imagination

LIT-120 Interpreting Literature

LIT-135 Critical Approach to the Cinema

LIT-215 Writers in Print/in Person

LIT-225 The African Writer

LIT-245 The Experience of Poetry

LIT-246 Cinema and the Twentieth Century

LIT-270 Transformations of Shakespeare

PERF-110 Understanding Music

PERF-115 Theatre: Principles, Plays and Performance

PERF-118 World Music

PERF-200 Dance as an Art Form

PERF-205 Masterpieces of Music

PERF-210 Greatness in Music

PERF-215 Opera on Stage and Film

PERF-220 Reflections of American Society on Stage

PERF-225 The African American Experience in the Performing Arts

PHIL-230 Meaning and Purpose in the Arts

Foundational Area 2: Traditions that Shape the Western World

The rich traditions that shape the Western world convey ideas, visions, and cultural practices that are shared, lasting, and tenacious. Whether dominant or prevailing values that many people of Western countries share or the folk traditions that grow out of small communities, these deeply rooted phenomena help us make choices about identity and affinity with family, community, history, values, and place.

Courses in this Foundational Area have varied emphases. Some examine powerful visions that philosophers, political theorists, historians, religious thinkers, scientists, and social critics have of the Western experience. Others explore competing ideas about human nature, liberty and equality, and the consequences of social change. Finally, some uncover those traditions growing out of the unique experiences of women, ethnic groups, and indigenous peoples as they express and preserve their own principles of social organization and cultural expression.

All courses in this area emphasize chronology and share a close attention both to the substance of the past and the ways to study it. Through direct engagement with primary texts, students learn to ask questions, debate ideas, and come to understand the ways that we experience the events and ideas of the past in our own lives.

Traditions that Shape the Western World: Goals

- explore the diverse historical and philosophical traditions that have shaped the contemporary Western world
- read and discuss fundamental texts from those traditions, situating the texts in their appropriate intellectual contexts
- develop the student's ability to critically and comparatively reflect on religious and philosophical issues, in dialogue with others both past and present

Wildcard Courses

GNED-120 General Education Area 2 Topic
GNED-220 General Education Area 2 Topic

Wildcards are original, timely courses offered on a one-time basis, affording an opportunity to try out new ideas. New courses are often (but not always) offered as wildcards as a prelude to proposal for a permanent place in the General Education program. Subject to the approval of the General Education Curriculum Committee, wildcards can be offered by any teaching unit. Offerings vary each semester.

Sophomore Seminars

Sophomore Seminars are interdisciplinary or multi-disciplinary courses that integrate approaches and methods from two or more disciplines. Students are exposed to multiple modes of thinking about subjects, concepts, and problems, and engage in evaluating complementary and competing ways of knowing. Sophomore Seminars can be offered by any teaching unit at the 200-level under the GNED prefix, and are specifically designed to meet the learning goals of two or more Foundational Areas. Offerings vary each semester.

Foundational Area 2 Courses

ANTH-235 Early America: The Buried Past
ARTH-205 Art of the Renaissance
COMM-270 How the News Media Shape History
GERM-230 The Modernist Explosion: Culture and Ideology in Europe
GOVT-105 Individual Freedom vs. Authority
HIST-100 History, Memory, and the Changeable Past
HIST-110 Renaissance and Revolutions: Europe, 1400–1815
HIST-140 Modern European History: 1750 to Present
HIST-205 American Encounters: 1492–1865
HIST-215 Social Forces that Shaped America
HIST-235 The West in Crisis, 1900–1945
JLS-110 Western Legal Tradition
JLS-225 American Legal Culture
JWST-205 Ancient and Medieval Jewish Civilization
JWST-210 Voices of Modern Jewish Literature
LIT-125 Great Books That Shaped the Western World
LIT-235 African American Literature
LIT-240 Asian American Literature
LIT-265 Literature and Society in Victorian England
PHIL-105 Western Philosophy
PHIL-220 Moral Philosophy
PHIL-235 Theories of Democracy and Human Rights
PHYS-230 Changing Views of the Universe
RELG-105 The Religious Heritage of the West
RELG-220 Religious Thought
SOCY-215 The Rise of Critical Social Thought
WGSS-150 Women's Voices through Time

Foundational Area 3: The Global and Cross-Cultural Experience

Global interdependence is a powerful fact of life. Through an exploration of societies of Asia, Africa, the Middle East, Latin America and Europe, this Foundational Area opens the doors into varied cultures and issues that challenge a parochial understanding of the world.

Students may select courses that focus on the major issues of contemporary world politics, including management of conflict, economic competition, and environmental threats to the quality of life. Alternatively, there are courses that emphasize either a comparative or cross-cultural examination of cultures, societies, politics, and belief systems and acknowledge the importance of recognizing and overcoming cultural barriers. Finally, there are courses which focus on the dilemma of the global majority—the three-quarters of the world's population who live in countries striving for national identity as well as economic and political development.

All courses in this area encourage a better understanding of the dimensions of experience and belief that distinguish cultures and countries from one another and, conversely, the commonalities that bind human experience together. The courses aim to stimulate awareness of the need for enhanced international and intercultural communication.

The Global and Cross-Cultural Experience: Goals

- explore those habits of thought and feeling that distinguish regions, countries, and cultures from one another
- discuss, in comparative and cross-cultural perspective, the concepts, patterns, and trends that characterize contemporary global politics
- develop the student's capacity to critically analyze major issues in international and intercultural relations, especially how categories of difference are organized within and across cultures and how they affect political systems

Wildcard Courses

GNE-130 General Education Area 3 Topic

GNE-230 General Education Area 3 Topic

Wildcards are original, timely courses offered on a one-time basis, affording an opportunity to try out new ideas. New courses are often (but not always) offered as wildcards as a prelude to proposal for a permanent place in the General Education program. Subject to the approval of the General Education Curriculum Committee, wildcards can be offered by any teaching unit. Offerings vary each semester.

Sophomore Seminars

Sophomore Seminars are interdisciplinary or multi-disciplinary courses that integrate approaches and methods from two or more disciplines. Students are exposed to multiple modes of thinking about subjects, concepts, and problems, and engage in evaluating complementary and competing ways of knowing. Sophomore Seminars can be offered by any teaching unit at the 200-level under the GNE prefix, and are specifically designed to meet the learning goals of two or more Foundational Areas. Offerings vary each semester.

Foundational Area 3 Courses

ANTH-110 Culture and the Human Experience
 ANTH-210 Roots of Racism and Interracial Harmony
 ANTH-215 Sex, Gender, and Culture
 ANTH-220 Living in Multicultural Societies
 ANTH-230 India: Its Living Traditions
 COMM-280 Contemporary Media in a Global Society
 ECON-110 The Global Majority
 EDU-285 Education for International Development
 GOVT-130 Comparative Politics
 GOVT-235 Dynamics of Political Change
 HIST-120 Imperialism in History
 HIST-225 Russia and the Origins of Contemporary Eurasia
 HIST-250 Empires and States in East Asia
 IBUS-200 The Global Marketplace
 LIT-150 Third World Literature
 RELG-185 Forms of the Sacred: Religions of the East
 RELG-210 Non-Western Religious Traditions
 RUSS-200 Russia and the United States
 SISU-105 World Politics
 SISU-140 Cross-Cultural Communication
 SISU-211 Civilizations of Africa
 SISU-212 China, Japan and the United States
 SOCY-110 Views from the Third World
 SOCY-225 Arab Societies
 SOCY-235 Gender in Transnational Perspective
 SPAN-210 Latin America: History, Art, Literature

Foundational Area 4: Social Institutions and Behavior

Studying the foundations of contemporary American society reveals the elements of complex social systems, the way individuals function in varied social settings, and the root causes of social behavior. In comprehending the mechanisms and rules that give shape to complex societies, we gain strength to influence institutional processes. Through reflection on principles that explain human behavior, we create understanding of our interpersonal experiences.

Courses in this Foundational Area are of three kinds: those that use one of the traditional social science disciplines to provide an overview of the interaction of individuals and the institutions that shape our economic, political, and social experience; those that focus on a single institution and the complex ways in which it affects our lives; and those that use a societal dilemma as the entry point for discovering the ways in which the quality of individual life is protected or challenged in various settings.

The many and distinct disciplines that contribute to this area are united by a self-conscious dedication to the modes of inquiry of contemporary social science, as applied to the American experience. As strongly as it emphasizes the substance of knowledge, this curricular area emphasizes how we create knowledge and arrive at understanding.

Social Institutions and Behavior: Goals

- study the institutions, systems, and patterns of governance and of economic and social organization that underlie contemporary societies
- place policy options and their consequences in their appropriate social and political context, drawing on classic and contemporary theories of human organization
- develop the student's capacity to critically reflect on the organization of societies and the relationship between the individual and the society, using the distinctive methods of inquiry appropriate to the study of social institutions

Wildcard Courses

GNED-140 General Education Area 4 Topic

GNED-240 General Education Area 4 Topic

Wildcards are original, timely courses offered on a one-time basis, affording an opportunity to try out new ideas. New courses are often (but not always) offered as wildcards as a prelude to proposal for a permanent place in the General Education program. Subject to the approval of the General Education Curriculum Committee, wildcards can be offered by any teaching unit. Offerings vary each semester.

Sophomore Seminars

Sophomore Seminars are interdisciplinary or multi-disciplinary courses that integrate approaches and methods from two or more disciplines. Students are exposed to multiple modes of thinking about subjects, concepts, and problems, and engage in evaluating complementary and competing ways of knowing. Sophomore Seminars can be offered by any teaching unit at the 200-level under the GNED prefix, and are specifically designed to meet the learning goals of two or more Foundational Areas. Offerings vary each semester.

Foundational Area 4 Courses

AMST-240 Poverty and Culture
ANTH-150 Anthropology of Life in the United States
COMM-100 Understanding Media
COMM-275 Dissident Media: Voices from the Underground
ECON-100 Macroeconomics
ECON-200 Microeconomics
EDU-205 Schools and Society
FIN-200 Personal Finance and Financial Institutions
GOVT-110 Politics in the United States
GOVT-210 Political Power and American Public Policy
GOVT-220 The American Constitution
HFIT-245 Multicultural Health
HIST-210 Ethnicity in America
HIST-220 Women in America since 1850
IDIS-210 Contemporary Multiethnic Voices
JLS-200 Deprivation of Liberty
JLS-215 Violence and Institutions
JLS-245 Cities and Crime
PHIL-240 Ethics in the Professions
PSYC-105 Psychology: Understanding Human Behavior
PSYC-205 Social Psychology
PSYC-215 Abnormal Psychology and Society
PSYC-235 Theories of Personality
PUBH-110 Introduction to Public Health
SOCY-100 U.S. Society
SOCY-150 Global Sociology
SOCY-205 Diverse and Changing Families
SOCY-210 Power, Privilege and Inequality
WGSS-125 Gender in Society
WGSS-225 Gender, Politics, and Power
WGSS-240 Sexualities Studies

Foundational Area 5: The Natural and Mathematical Sciences

Through observation and analysis of the physical and biological world, scientists discern basic principles that explain natural phenomena and unravel many mysteries. Whether chemist, biologist, physicist, or experimental psychologist, scientists rely on theory and experimentation to test and refine understanding of our bodies, our complex environment, and the universe.

All courses in this Foundational Area focus on the nature of scientific reasoning, discovery, and invention through the systematic exploration of basic concepts within their historical context. The 100-level courses unite “hands-on” scientific experimentation, inductive reasoning, and deductive analysis with the study of basic principles such as the structure of matter, biological evolution, human behavior, and thermodynamics. The 200-level courses include both traditional advanced study in each discipline as well as integrative courses such as oceanography, earth sciences, astronomy, and human biochemistry and health. This area conveys a respect for the natural world, extends scientific literacy, and refines the modes of thought that characterize scientific inquiry.

The Natural and Mathematical Sciences: Goals

- study the makeup and workings of the natural world and the beings inhabiting it
- examine the historical development and current status of scientific methods, concepts, and principles, allowing contemporary scientific knowledge to be placed in its proper context
- develop the student’s own problem-solving and laboratory skills, so that the student can better understand how scientific research works

Wildcard Courses

GNED-150 General Education Area 5 Topic

GNED-250 General Education Area 5 Topic

Wildcards are original, timely courses offered on a one-time basis, affording an opportunity to try out new ideas. New courses are often (but not always) offered as wildcards as a prelude to proposal for a permanent place in the General Education program. Subject to the approval of the General Education Curriculum Committee, wildcards can be offered by any teaching unit. Offerings vary each semester.

Sophomore Seminars

Sophomore Seminars are interdisciplinary or multi-disciplinary courses that integrate approaches and methods from two or more disciplines. Students are exposed to multiple modes of thinking about subjects, concepts, and problems, and engage in evaluating complementary and competing ways of knowing. Sophomore Seminars can be offered by any teaching unit at the 200-level under the GNED prefix, and are specifically designed to meet the learning goals of two or more Foundational Areas. Offerings vary each semester.

Foundational Area 5 Courses

Note: Students must select at least one Foundational Area 5 course with a lab component, for a total of 7 credits (or more) in this area. Courses with a lab component are marked below with an asterisk (*).

ANTH-250 Human Origins

BIO-100 Great Experiments in Biology *

BIO-110 General Biology I *

BIO-200 Structure and Function of the Human Body

BIO-210 General Biology II *

(prerequisite: BIO-110 General Biology I)

BIO-220 The Case for Evolution

BIO-240 Oceanography

CHEM-100 The Molecular World *

CHEM-110 General Chemistry I *

CHEM-150 Chemistry of Cooking *

CHEM-205 The Human Genome

CHEM-210 General Chemistry II *

(prerequisite: CHEM-110 General Chemistry I)

CHEM-230 Earth Sciences

CHEM-250 Criminalistics, Crime, and Society

ENVS-150 Sustainable Earth *

ENVS-220 Energy and Resources

ENVS-250 Living in the Environment

HFIT-205 Introduction to Nutrition

PHYS-100 Physics for the Modern World *

PHYS-105 General Physics I *

PHYS-110 Principles of Physics I *

PHYS-200 Physics for a New Millennium

PHYS-205 General Physics II *

(prerequisite: PHYS-105 General Physics I)

PHYS-210 Principles of Physics II *

(prerequisite: PHYS-110 Principles of Physics I)

PHYS-220 Astronomy

PSYC-115 Psychology as a Natural Science *and*

PSYC-116 Psychology as a Natural Science Lab)

PSYC-200 Behavior Principles

PSYC-220 The Senses

PSYC-240 Drugs and Behavior

Undergraduate Academic Honors

Dean's List

Each academic unit issues a dean's list of its undergraduate students who receive honors at the end of each semester. The minimum standard for inclusion in the list is a 3.67 grade point average for the semester, earned in a full-time undergraduate program of not fewer than 15 completed credit hours of which at least 12 hours must be completed for A–F grade credit with a passing grade.

Graduation Honors

Undergraduate graduation honors at American University include Latin Honors, based on cumulative grade point average, and University Honors, based on a combination of honors course options, cumulative grade point average, and completion of an honors capstone. To be eligible for graduation honors, students must have completed at least 60 credit hours required for their degree in residence at American University and have achieved the requisite grade point average. Both Latin Honors and University Honors are listed in the commencement program and on the student's diploma and permanent record.

Latin Honors

Latin Honors are calculated and recorded on the transcript and diploma by the Office of the University Registrar upon graduation. To be eligible for Latin Honors, students must complete in residence at least half of the required credit hours needed for a degree at American University (60 of the 120 earned credits) and must achieve the requisite cumulative grade point average as indicated:

- summa cum laude*: 3.91 or higher
- magna cum laude*: 3.81 through 3.90
- cum laude*: 3.67 through 3.80

University Honors Program

The University Honors Program is a comprehensive program of honors options drawn from the General Education curriculum and departmental course offerings to qualified undergraduate students. The program is characterized by small seminars, individualized attention from faculty, unique access to the resources of Washington, DC and the special atmosphere of an honors community of committed faculty and students.

Qualified entering freshmen, transfer students, and current students are eligible to apply for admission to the Honors program. Entering freshmen are admitted to the program based upon excellence in their high school academic performance and documented potential for high performance as undergraduate students. Other students may be admitted to the program at the discretion of the honors director if they have achieved a cumulative grade point average (GPA) of 3.50 for their first 30 earned credits at American University.

Students entering the program as freshmen must complete a minimum of 30 credit hours in designated Honors course work with a grade of B or better in each of the Honors courses and a cumulative GPA of 3.50 or above. Students who enter the University Honors Program after the freshman year are required to complete the number of required hours determined by the director of the University Honors Program.

Students who complete the upper-level requirements for University Honors in their major will, upon recommendation by their teaching unit or equivalent, receive University Honors in their major or majors. Alternatively, students who fulfill the upper-level requirements through University Honors seminars or through interdisciplinary course work will graduate with University Honors.

All University Honors students are required to meet with their Honors counselor for advisement before registering each semester.

For more information contact the University Honors Program at 202-885-6194.

Graduate Rules and Regulations

Graduate Academic Regulations

Graduate students are governed by the Academic Rules and Regulations in place at American University for the conduct of graduate education in academic programs housed in Schools and Colleges other than the Washington College of Law. Graduate students in the Washington College of Law are governed by the academic rules and regulations specific to the Washington College of Law, except in those instances when they are enrolled in a joint program between another unit at American University and the Washington College of Law. When enrolled in a joint program, students must satisfy the Academic Rules and Regulations that relate to both units in which their degree is housed. Based on a compelling rationale, an appeal may be made with respect to a specific graduate academic regulation by a graduate student or faculty member. Students filing appeal requests should begin with a written request to their academic advisor. The complete Graduate Academic Rules and Regulations may be found at www.american.edu/provost.

Academic Load and Enrollment Status

Full-time student status is defined as registration for nine semester credit hours during both the fall and spring semesters, or by enrollment for four semester credit hours during the summer semester. Enrollments in all summer sessions during a calendar year will be added to determine the total summer enrollment. Half-time student status is defined as registration for five semester credit hours during both the fall and spring semesters, or by enrollment for two semester credit hours during the summer semester. Students who are registered for more than a half-time credit load in any semester, but less than a full-time credit load for that semester, will be considered half-time students.

Graduate students must remain registered for a full-time course load under specific conditions that include: holding a half-time Graduate Teaching Assistant or Research Assistant award; holding a University Graduate Fellowship; having particular types of student loans; and, having international student status. Associate Deans of academic units will contact the Office of the Registrar each semester following the end of the drop/add period to obtain enrollment information to check the full-time status of graduate students who are required to be enrolled full-time. It is the responsibility of individual graduate students to understand how changes in course load or full-time status may have an impact on payment schedules or other conditions of their obligations to entities providing them with educational loans.

Good Academic Standing

Graduate students are in Good Academic Standing when they are maintaining at least a 3.0 cumulative GPA and are either enrolled in semester classes or are eligible to enroll in subsequent semester classes.

Satisfactory Academic Progress

Students are making Satisfactory Academic Progress when, in addition to being in Good Academic Standing and meeting any higher standards for the GPA that individual programs might set, they are: meeting on time the defined milestones in their Program of Study and they have received credit in at least two-thirds of the courses which they have attempted. For master's students, such milestones include, but are not limited to, completing the required coursework and completing the capstone experience satisfactorily. For doctoral students, milestones include, but are not limited to, completing the required coursework, passing the comprehensive examination(s) or equivalent, defending the dissertation proposal, completing the dissertation, and defending the completed dissertation.

For students writing a thesis or dissertation, it is the collective responsibility of the student and the student's Thesis Advisor or Dissertation Committee Chair to ensure that Satisfactory Academic Progress is being maintained. This process is coordinated by the student's Thesis Advisor or Dissertation Committee Chair, and oversight authority rests with the Graduate Program Director. Thesis Advisors and Dissertation Committee Chairs are required to review annually all students conducting theses or dissertations to determine that they are making Satisfactory Academic Progress, and to (1) inform the student, and (2) inform the Graduate Program Director, who will communicate the finding to the Associate Dean of the Academic Unit. Students may request of the Graduate Program Director, at least once each semester, that their Thesis Director or Dissertation Committee Chair meet with them to discuss progress on the thesis or dissertation.

Academic Integrity Code

Students are bound by the University's Academic Integrity Code, which ensures that all work done in pursuit of a degree whether graded or ungraded, formal or informal, meets the highest standards of academic honesty. The baseline sanction for a first-time offense for graduate students violating the code is suspension from the university, although academic dismissal is also a common sanction. Suspension and academic dismissal are permanently recorded on the transcript as a violation of the Academic Integrity Code. For more information, see page 47 of this catalog.

Academic Probation, Warning, and Dismissal

The Registrar will place students on Academic Probation when, after attempting at least 9 credit hours of coursework, their cumulative GPA falls below 3.00 or when students fail to receive credit in at least two-thirds of the courses they attempt. Full-time students will be placed on Academic Probation for one semester. Part-time students will be placed on Academic Probation for the time it takes them to attempt 9 more credits, or three semesters, whichever is shorter. The Registrar will inform the students of their probationary status in writing. This notification should also inform the students that they cannot receive an incomplete grade while they are on Academic Probation status. After the Academic Probation period is completed, students who fail to bring their cumulative GPA up to 3.00 or fail to raise their course completion rate will be permanently dismissed from the University by the Registrar.

If the Program Director or Associate Dean of an academic unit determines that a student is not making Satisfactory Academic Progress for reasons other than failure to maintain GPA and course completion requirements, the Dean may decide to either issue an Academic Warning, place the student on Academic Probation, or academically dismiss the student. The Dean must notify the Registrar of the decision to apply a sanction. The Registrar will notify each student of the decision and the reason for the decision. In the case of either an Academic Warning or Academic Probation notice, the Registrar must also inform the student in writing of the period for the warning or probation and of the conditions that must be met for the student to regain Satisfactory Academic Progress status. Customarily, students who are on an Academic Warning status for one semester are subject to Academic Probation in subsequent semesters, and students who remain on Academic Probation in a subsequent semester are subject to Academic Dismissal.

Academic Dismissals are permanently recorded on the transcript. Academic Warnings and Academic Probation are not.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Continuous Enrollment

Once enrolled in a degree program, graduate students must maintain continuous enrollment at American University by registering for at least one semester hour of credit each fall and spring semester until the degree objective is reached. Students who fail to register and who have not requested and received a temporary leave (see page 53 for more information) will be dismissed from the University at the end of the academic term for which they failed to register.

Credit Requirements

Criteria for Graduate Academic Credit

Course numbers 600-800 are reserved for graduate courses. Required core courses that have key content in the discipline for graduate degrees at both the master's and doctoral degree are customarily at the 600 level. Courses at the 700 level are customarily advanced courses for master's programs, while courses at the 800 level are reserved for Ph.D. students. Graduate students will not receive credit for courses below the 500 level unless the course is an AU language course that is necessary for language proficiency levels for the graduate degree and is a graduate program requirement. Classes at the 600-800 level courses may not meet jointly with 100-, 200-, or 300-level courses. A 500-level course may be used for fulfillment of general master's degree requirements for courses of general importance to the discipline (e.g., elective courses), but, ordinarily, not for required core courses for master's or doctoral degrees. No undergraduate students may take 600-level courses except when (a) they are seeking a combined master's/bachelor's degree, (b) when the courses are cross-listed with undergraduate courses under an undergraduate number at the 400 level, or (c) by special permission of the Associate Dean of the academic unit. Grades of C- or lower will not be accepted as fulfilling the requirements of the Program of Study but will be calculated in the cumulative GPA. Individual programs may set higher standards.

Transfer Credits

Students may request to transfer credit for courses taken at an institution outside of the Consortium of Universities of the Washington Metropolitan Area, prior to their admission to a graduate program at AU. They must receive prior approval from their Graduate Program Director within the first semester of their program and the courses must be included in their Program of Study. Students must give the Graduate Program Director an official transcript of the course and a course syllabus for each course requested for transfer. Courses must be completed with a

grade of B (3.0) or better and must be completed no later than five years prior to the beginning of the semester in which the student is admitted to a graduate program. Graduate programs may require that courses requested to be transferred be completed more recently than this and may limit the number of credits that may be transferred beyond the university limit.

Customarily the number of total credits transferred for a single degree program would be no greater than six credits, but in all cases the number of allowable transfer credits is limited by residency requirements. In no case may graduate credit be given for coursework designated as solely undergraduate by the institution where the coursework was completed. Courses proposed for transfer cannot have been used as credits toward a completed degree in the same field at another institution. Decisions by Graduate Program Directors with regard to allowable transfer credits may be appealed to the Vice Provost for Graduate Studies and Research.

In Residence Credit and Residency Requirements

Courses are considered in residence when they are taken at American University, through an AU-coordinated off-site or on-line program, or through any member of the Consortium of Universities of the Washington Metropolitan Area. Courses considered not in residence include those transferred from another institution into AU. Courses that are not taken in residence are not included in the computation of the GPA.

Both master's and doctoral degrees require a minimum of 18 semester credit hours of in residence graduate course work, while enrolled in a degree program, exclusive of 797, 898, or 899. Students in the Dual Degree option must complete a minimum of 36 semester credit hours of in residence coursework at American University, with at least 50 percent of the credits unique to each degree. Individual program requirements may require more than 18 credit hours for either or both degrees. Courses used to satisfy residence credit requirements for an undergraduate degree may not also be used to satisfy parallel requirements for a dual master's degree.

Repetition of Courses

Graduate students may repeat only once a course they have previously completed and failed or from which they have withdrawn. They may repeat only two courses in this fashion during a graduate program of study. Grades for each attempt are shown on the transcript and are used to compute the overall GPA, but credits for only one passed course are included in the credits required for the graduate degree.

Grading System

Grade Point Average (GPA)

The grading scale and the grade calculations used in the graduate GPA are equivalent to those used for undergraduate students (see page 51 for more information).

Included in the calculation of the cumulative GPA for graduate students are all graduate-level courses taken at AU and courses taken from the Consortium of Universities of the Washington Metropolitan Area as required by the Program of Study. Credits accepted as transfer credit from other institutions or earned during a permit to study at another domestic or foreign institution are included in the total number of credit hours applicable to degree requirements, but grades earned in such courses are not recorded on the transcript at American University and are not used in the calculation of the GPA needed for graduation. Determination of the cumulative GPA for graduate students, and the notification of graduate students regarding any deficiencies in GPA is the responsibility of the Office of the Registrar.

Pass/Fail

Graduate students may not choose the pass/fail option over the letter-grade option in courses that are part of their Program of Study. However, in some instances, courses that can only be taken pass/fail may be included as part of a student's Program of Study. A grade of Pass for a graduate student indicates performance of no less than a B which indicates at numeric equivalent of 3.0. Neither Pass nor Fail grades are used to compute the GPA. Graduate students may register for courses with an audit grade option that are not part of their Program of Study.

Satisfactory Progress (SP)/Unsatisfactory Progress (UP)

Thesis (797) and dissertation (898, 899) course credits are graded as Satisfactory Progress (SP) or Unsatisfactory Progress (UP). With grades of either SP or UP, students receive credit for these courses but the grades earned are not used in computing the GPA. These grades do not change upon the completion of the thesis or dissertation, and neither thesis nor dissertation credits may be retaken to change a previously assigned UP to an SP.

Incomplete Grades

The instructor of record may assign an Incomplete status for a grade when extenuating circumstances prevent a student, who has otherwise completed the majority of the work in the course, from completing all work during the stated instructional period. Students on probation may not receive an Incomplete (see page 52 for more information).

Audit

Graduate students may register for courses with an audit grade option that are not part of their Program of Study. Faculty will establish standards for class participation and/or attendance for auditing students. When auditing students fail to meet those standards, the instructor will assign the grade of ZL (administrative withdrawal from audit). Tuition for courses registered for an audit grade option will be billed at the same rate as courses registered for academic credit (see page 36 for more information).

Graduate Research Assistantships (RA)

A research assistant (RA) is a graduate student who assists a faculty member with academic research. Research assistants are not independent researchers and are not directly responsible for the outcome of the research. They are responsible to a research supervisor or principal investigator.

The work assignments for RAs must be significantly more academically substantive than administrative. Requirements for RA awards are typically fulfilled with 600 hours of work per academic year, often with a 20 hour assignment per week over two traditional semesters, but may be fewer hours per week for a longer period, with proportional reductions in the amount of the associated monthly stipend. The Vice Provost for Graduate Studies and Research can, in cases where a compelling rationale exists, authorize a graduate student with an RA award to work more than 20 hours per week.

Graduate Teaching Assistantships (TA)

A teaching assistant (TA) is customarily a graduate student who assists an instructor with instructional activities. TA responsibilities vary greatly and may include the following: tutoring; holding office hours; assisting with grading homework or exams; administering tests or exams; assisting an instructor with a large lecture class by teaching students in recitation, laboratory, or discussion sessions. Students who assist with grading may not grade assignments or exams for students at their own or higher degree level; e.g., a doctoral student may assist with grading master's and undergraduate work; a master's student may assist with grading undergraduate work. Advanced doctoral students who are awarded teaching assistantships may also be the instructor of record for an undergraduate course.

The work assignments for TAs must be significantly more academically substantive than administrative. Requirements for TA awards are typically fulfilled with 600 hours of work per academic year, often with a 20 hour assignment per week over two traditional semesters, but may be fewer hours per week for a longer period, with proportional reductions in the amount of the associated monthly stipend. The Vice Provost for Graduate Studies and Research can, in cases where a compelling rationale exists, authorize a graduate student with a TA award to work more than 20 hours per week.

Independent Studies

With the approval of their Graduate Program Director, students making Satisfactory Academic Progress may register for an independent study. The independent study must be identified as a course in the Program of Study. Before registration, the student and the supervising faculty member must agree upon and document the title, objective, scope, credit value (1 to 6 credit hours), and the method of evaluation for the independent study. The instructor must notify the Graduate Program Director of the

agreement for the independent study. Students will not have more than 9 Independent Study credit hours in any graduate program. Individual programs may set lower limits.

Internships

Graduate students may enroll in credit-bearing, paid, or unpaid work assignments (internships) with a significant academic component under the guidance of a faculty member. The work for the internship may be no more than 15% administrative in nature, and instructors must weigh the academic component as at least half of the course grade. The internship must be identified as a course on the Program of Study. Internships may be taken for variable credit. With the approval of the Director of the Graduate Program, students may enroll for 1 to 6 credits. Over the 14 weeks of a traditional semester (or the equivalent for summer or special term classes), a student will work typically an average of 7 hours per week for 1 internship credit, 10 hours for 2 credits, 14 hours for 3 credits, 18 hours for 4 credits, 22 hours for 5 credits, and 26 hours for 6 credits. Customarily, students will not have more than 6 Internship Study credit hours in any graduate program. Individual programs may set lower limits.

Program of Study

The Program of Study is an individualized, formal plan describing the program requirements a student must meet to complete a specific degree, including the dates by which each requirement is expected to be completed. Students must meet with a designated advisor to outline their Program of Study by the end of their first semester in the program, and earlier as appropriate. Thereafter, students are expected to meet as needed with their designated advisor or Program Director to monitor their status related to Good Academic Standing and Satisfactory Academic Progress and to update the Program of Study as needed.

Research Assurances and Research Ethics Training

Graduate students at American University who are conducting independent research are responsible for obtaining the appropriate research assurances for research that involves: human participants, animal subjects, recombinant DNA, infectious materials, select or toxic agents, or human materials. For application forms and guidelines, please see AU's Research website (www.american.edu/research/). Copies of research assurances must be presented to the Doctoral Program Director with the completed dissertation proposal at the time of the defense of the dissertation proposal.

Appropriate protocol review and oversight of faculty and student research is an essential component of Responsible Conduct of Research (RCR) training on campus. All graduate students who are conducting research in partial fulfillment of a master's thesis or doctoral dissertation are required to participate in RCR training. Documentation of RCR training must be presented to the Doctoral Program Director with the completed dis-

sertation proposal at the time of the defense of the dissertation proposal.

Data resulting from research projects, including thesis and dissertation research projects that do not receive a protocol review when appropriate from the Institutional Review Board (IRB), Institutional Animal Care and Use Committee (IACUC) or Institutional Biosafety Committee (IBC) cannot be used to fulfill degree requirements, cannot be published and must be destroyed. A research protocol cannot be reviewed and approved retrospectively by an IRB, IACUC, or IBC. Willful avoidance of the oversight functions of University research review committees can result in a charge of research misconduct.

Submission and Publication of Thesis/Dissertation

Dissertations and theses must be submitted to the University Library in electronic format after final approval of the dissertation or thesis by the Examining Committee. Dissertations and theses submitted to the University through the ETD process will also be deposited in the AU Library's online electronic archive, the American University Research Commons (AURC), as well as ProQuest's Digital Dissertations. The submission of the thesis or dissertation to the University in fulfillment of degree requirements grants the University the one-time, non-exclusive right to publish the document in the American University Research Commons. Distribution is subject to a release date stipulated by the student and approved by the University. As the owner of the copyright of the thesis or dissertation, students have the exclusive right to reproduce, distribute, make derivative works based on, publicly perform and display their work, and to authorize others to exercise some or all of those rights.

Time Limits to Degree

Students are expected to complete their degree within the time frame specified below. Programs may set lower limits for all students or for individual students in their program. Time limits must be included in the Program of Study. The time to degree may be extended by the Vice Provost for Graduate Studies and Research for a compelling reason. Approved separations and leaves of absence do not count toward the time limits, but cannot be used for the sole purpose of extending the time to degree.

Master's students are expected to complete all degree requirements in no more than six years after the date of first enrollment in the degree program. Doctoral students are expected to complete all degree requirements in no more than nine years after the date of first enrollment in the degree program. Each semester, the Registrar will identify students who will exceed time limits to degree at the end of the current academic year and inform the students of the potential status change.

Time Extensions

Under compelling circumstance, doctoral students may apply for one-year extensions beyond the expected time to degree, for a maximum of three extensions. Students must petition the Graduate Program Director for each one-year extension. Petitions must include a timetable listing specific goals from the Program of Study to be accomplished during the extension. Each extension must be approved by the Associate Dean of the academic unit and the Vice Provost for Graduate Studies and Research. Additional extensions will not be approved.

Study at Another Institution

Permit to Study at Another US Institution

Students in good academic standing who wish to take courses at another US institution that would not be considered in residence courses, must receive prior approval by their Program Director and Associate Dean. Students will not be granted a Permit to Study at an institution in the Consortium of Universities of the Washington Metropolitan Area; the Consortium process should be followed. Students who want to apply a course to their graduate program of study must receive teaching unit or equivalent approval. Students must secure approval from the academic unit prior to registering for the course and such approval is granted only for specific courses. Customarily, students may transfer up to a maximum of 6 credits during the span of approved study at another US institution. Grades for courses taken during a Permit to Study at another institution are not recorded on the AU transcript and are not computed in the GPA, although they will count toward the total number of credits needed for graduation. However, students must meet the GPA requirements of American University for individual courses taken at other institutions as required for their graduate Program of Study. Students must satisfy any additional requirements provided on the Permit to Study form.

Permit to Study Abroad

Students in good academic standing who wish to study at any foreign university not partnered with AU must receive prior approval of their Graduate Program Director and the Associate Dean. Permission for such study is granted only when the student can demonstrate that the academic opportunity offered by the foreign university cannot be met through study at any one of AU's existing partner universities. Grades for courses taken during a Permit to Study Abroad are not recorded on the AU transcript and are not computed in the GPA, though they will count in the total number of credits needed for graduation. However, students must meet GPA requirements of American University for individual courses taken at other institutions as required for their graduate Program of Study. Students must satisfy any additional requirements provided on the Permit to Study Abroad form.

Master's Degree Requirements

Master's students must have an approved Program of Study that includes, but is not limited to, coursework and a capstone experience. A master's degree requires the completion of at least 30 semester credit hours of graduate work. The requirement for residence credit must be met. A detailed description of the degree requirements can be obtained from each graduate program and must be posted on the website of the teaching unit.

Capstone Experience

One capstone experience (e.g., thesis, research project, practicum, internship or other experience as determined by the graduate program) is required. The nature and scope of the capstone experience is determined by the graduate program and is included in the Program of Study. If the capstone is a comprehensive examination, the structure, content, and grading of the examination, as well as any policy on retaking the examination will be determined by the teaching unit.

Thesis

Students writing a thesis as their capstone experience are expected to demonstrate their capacity to do original, independent research. Students must take no fewer than three semester credit hours of master's thesis research (797). Students continue to register for thesis credits each semester until the completion of the thesis. A thesis advisory committee shall consist of no fewer than two members of the AU faculty. In consultation with the Thesis Chair, the student solicits faculty for the committee and submits their names for approval by the Graduate Program Director.

Jointly Administered Degree Programs

A Jointly Administered Degree Program is a specified combination of courses, typically from more than one academic or teaching unit, that combines elements of the various courses of study in those units for the purpose of providing a combined program of study towards a specific degree. Both units have responsibilities to monitor student progress and provide academic advising. Upon completion of the Jointly Administered Degree Program, the student receives one graduate degree.

Dual Degree Programs

A Dual Degree Program is a combination of two separate approved degree programs. Upon completion of a Dual Degree Program, a student will be conferred the two degrees included in the Dual Degree Program. Credits that apply from one program to another must be approved by their respective Graduate Program Directors and under the following conditions:

- Students must meet all of the course, capstone, and other requirements for each degree program.
- The details for dual master's degrees must be approved by the Graduate Program Director and the Associate Dean of the academic unit for each of the two degrees. Candidates for dual master's degrees must submit a formal petition to the Graduate Program Director of each master's program before the conferral date of the first degree.
- The student applies for and receives each degree upon completion of all the requirements for that degree. The degrees may or may not be completed simultaneously.
- At least 50% of the courses taken in each program in the Dual Degree Program must be taken in residence, and students must satisfy residency requirements as specified in the graduate regulations.

Graduate Certificate Programs

Graduate Certificate Programs for Credit

Academic units and the School of Professional and Extended Studies, at their discretion, may develop and administer graduate certificate programs for which there is academic credit. All graduate certificate programs for credit must include a minimum of 12 semester credit hours. All course work must meet the same requirements as those used for graduate academic programs. Some certificate programs for graduate credit may have additional requirements. If approved by the academic or teaching unit that administers the certificate program, equivalent credits earned at an accredited college or university may be transferred toward a certificate at the following rates: 3 credit hours for certificates from 12 to 18 credit hours in length, and 6 credit hours for certificates over 18 credit hours in length.

Graduate students who are enrolled in masters and/or doctoral programs may pursue graduate certificates at the same time. Any sharing of the required semester hour credits between the graduate certificate and the graduate degree program will be determined by the Graduate Program Director. Students who are not enrolled in graduate degree programs but who are enrolled in graduate certificate programs are not permitted to enroll in courses in the Consortium of Universities of the Washington Metropolitan Area.

All students enrolled in graduate certificate programs must maintain a 3.0 grade point average to be considered as making satisfactory progress and to be awarded a certificate. Grades of C- or below in certificate program courses will not be accepted toward the fulfillment of certificate requirements although these grades will be included in the calculation of the cumulative GPA. Individual certificate programs may have higher stan-

dards. Students who do not achieve a 3.0 grade point average at any point after completing six credit hours are subject to an academic warning, probation, or dismissal from the certificate program. Students who do not achieve a 3.0 grade point average upon completion of 12 credit hours will be dismissed from the certificate program. The Office of the Registrar will identify students with deficiencies in their grade point average and notify both the student and the certificate program. Certificate students who are dismissed may seek readmission at the discretion of the Graduate Program Directors and will be subject to any new admissions and program requirements instituted since their last enrollment.

Students in certificate programs must complete a minimum of 6 credit hours during each 12-month period after the start of their first semester of enrollment. All graduate certificate programs must be completed within four years. Students who do not meet these minimum requirements will be dismissed from the certificate program. If a student is readmitted to the program, the acceptance of previously completed credits will be determined by the academic or teaching unit upon readmission. The completion of the certificate will be noted on the student's official transcript for the semester it was completed.

Graduate Certificate Programs not for Credit

Academic units, centers/institutes, and the School of Professional and Extended Studies, at their discretion, may develop and administer graduate certificate programs for which there is no academic credit.

PhD Degree Requirements

Approved Program of Study

All doctoral students must have an approved Program of Study (see page 74 for more information.) The ability to do independent research is an important part of the Program of Study and must be demonstrated by an original dissertation on a topic approved by the Director of the Doctoral Program in which the student is earning the degree. A dissertation is required of all candidates for a Ph.D. degree.

An approved Program of Study includes:

- Complete list of coursework
- Schedule with anticipated dates for:
 - planned courses in required and elective subjects,
 - the comprehensive examination(s) or equivalent,
 - an approved dissertation proposal, and
 - successful defense and completion of the dissertation.

Degree Requirements

The PhD degree requires a minimum of 18 semester hour credits of coursework completed in residence, exclusive of dissertation credits. Individual PhD programs at AU require additional semester credit hours, following the curriculum proposed by academic unit faculty and approved by the Faculty Senate Committee on Graduate Curriculum.

Comprehensive Examination(s) or Equivalent

The nature and scope of the comprehensive examination(s) or equivalent are determined by the PhD degree programs housed within specific academic units. Options other than a written exam may be used by a doctoral degree program to assess integration and synthesis of the body of knowledge accessed via the program curriculum, and related research, practicum, or internship experiences. The completed comprehensive examination(s) is typically read by two faculty readers from the academic unit and is rated "with distinction," "satisfactory" or "unsatisfactory" by each. In order to pass the examination, the student must obtain at least "satisfactory" on the examination from both readers. The faculty affiliated with a doctoral program may, however, elect to design a different system for grading comprehensive examinations in the academic unit.

A student who fails a comprehensive examination may apply to the Graduate Program Director for one additional attempt. If the Graduate Program Director approves the application, the retake of the exam should occur within six months of the date of the first attempt. Students who fail a retake attempt will be dismissed from the doctoral program. The Graduate Program Director will notify the Office of the Registrar of the outcome of all comprehensive exam attempts.

PhD Dissertation Committee

The appointment of the Dissertation Committee should be made well in advance of the defense of the dissertation proposal. All core Dissertation Committee members must hold the appropriate terminal degree. In consultation with the proposed Dissertation Committee Chair, the doctoral student solicits faculty for the committee and submits the names of the Chair and other committee members for approval by the Graduate Program Director. Once approved by the Graduate Program Director, the proposed membership of a Dissertation Committee is then approved by the Doctoral Council. If the status of any member of an approved Dissertation Committee changes, the doctoral student and the Graduate Program Director will recommend a replacement for approval by the Doctoral Council.

Customarily, the Dissertation Committee will have four or more core committee members, including the chair of the committee. The minimum number of core committee members, including the chair of the committee, is three. At least two of the core members must be full-time, tenure-line faculty members at American University and preferably from the program in which the student is enrolled. Qualified individuals, either outside the department or outside the University, may be invited to sit on a committee as external members once the minimum requirement of two internal full-time, tenure-line faculty from American University has been met. Together, the internal and external members form the core of the Dissertation Committee. Core members are charged with guiding the student and providing detailed feedback during the dissertation process.

The chair of the Dissertation Committee must be an AU faculty member who holds a tenured position. Untenured, tenure-line faculty may be appointed as co-chairs of Dissertation Committees, but must serve with a tenured faculty member. Adjunct faculty, term faculty, and faculty from other universities and emeritus faculty may not chair a Dissertation Committee but may serve on it. A Dissertation Committee chair who retires or leaves the University before the dissertation is complete may petition the Doctoral Council to remain on the committee as chair, as a co-chair, or as a member.

At the time of the final examination of the dissertation, at least one additional member will join the core of the dissertation committee as an outside reader for the final examination. The purpose of the outside reader(s) is to provide a review of the dissertation by a colleague with the appropriate terminal degree who is an expert in the subject matter of the dissertation. The outside reader should have no direct association with the student. An outside reader serves an advisory role, and the charge to the outside reader is to determine if the dissertation meets general standards in the field, not necessarily to critique the work in detail. Once the dissertation has been defended successfully, all committee members sign the dissertation approval form.

Advancement to Candidacy

Students advance to doctoral candidacy when they have completed all of the courses on their Program of Study, passed their comprehensive examination or equivalent, and defended successfully their dissertation proposal. Advancement to candidacy normally occurs by the end of the third year of study but may vary among doctoral programs. At the time of advancement to candidacy, students who have not petitioned for or received en passant degrees (e.g., MA, MS) will automatically be considered for such degrees. If a student advances to candidacy after the deadline to submit a petition for the degree in that term, the student will be considered for a degree in the following term. Students who do not advance to candidacy may receive a master's degree according to the established guidelines in their graduate program.

Once doctoral students advance to candidacy, they will only need to register for dissertation continuing enrollment (899) for up to nine (9) credit hours per semester or a total of 18 credit hours per academic year. They will continue to register as full-time students until they defend their dissertations. AU doctoral students who have been admitted to doctoral candidacy must register and pay for dissertation continuing enrollment credit hours and related services during fall and spring semesters of the academic year, unless they have an approved temporary leave from the University.

Examination of Dissertation

Each doctoral candidate is required to defend orally his or her doctoral dissertation as a requirement in partial fulfillment of the doctoral degree. The requirement for a dissertation examination is separate from, and is not fulfilled by, a comprehensive examination(s). The dissertation examination will consist of a public presentation by the candidate on the research reported in the dissertation, followed by a formal, public examination of the candidate by the Dissertation Committee. The Doctoral Pro-

gram Director is responsible for posting publically the announcement of the oral defense of the dissertation seven days prior to the date of the oral defense.

The Dissertation Committee has the following options:

- To accept the dissertation without any recommendations for changes and sign the appropriate form.
- To accept the dissertation with recommendations for minor changes and, except for the chair, sign the appropriate form. The chair then will oversee and approve all required changes to the dissertation. Upon the chair's approval, the chair will sign the appropriate form.
- To recommend major revisions to the dissertation and to not sign the appropriate form until the candidate has made the required changes and submitted the revised dissertation to the Dissertation Committee for additional review and approval. Upon their approval, members of the Dissertation Committee sign the appropriate form for the revised dissertation.
- To recommend revisions and convene a second meeting of the Dissertation Committee to review the dissertation and complete the candidate's examination.
- To evaluate the dissertation, including its examination, as unsatisfactory. If the candidate fails, the candidate can petition the Dissertation Committee chair and the Dissertation Committee for one retake.

Following the examination, the chair must inform the candidate of the outcome of the examination. The chair signs the appropriate form indicating which of the above alternatives has been adopted by the Dissertation Committee. A copy of this statement is to be included in the student's file at the doctoral program office of the academic unit, and a copy is given to the student. The Doctoral Program Director will provide a copy of notice of the outcome of the examination to the Office of the Registrar.

College of Arts and Sciences

Dean Peter Starr

Associate Dean for Budget and Administration

Gamze Zeytinci

Associate Dean of Graduate Studies Mieke Meurs

Associate Dean of Undergraduate Studies

Catherine Schaeff

Associate Dean of Research Ulysses J. Sofia

Director, Undergraduate Advising, Retention and

Recruitment Marla Boren

Assistant Director, Retention and Recruitment

Emily Jones

Academic Counselors Tyler Atkins-Mose, Anne Kaiser,

Andrea Malamisura, Alicia Mandac, Jack Ramsey,

Justin Williams

Students should make appointments to meet with academic counselors through the College's academic affairs office in Battelle-Tompkins 100; by phone: 202-885-2453; or using the 24-hour online appointment scheduler:

www.american.edu/cas/advising/undergraduate.cfm

The College of Arts and Sciences (CAS) is dedicated to excellence in teaching, scholarship, the arts, and service to its local, national, and international communities.

The College provides a rich education in the liberal arts and sciences for all of American University's undergraduate students, offers challenging programs of study for its undergraduate and graduate majors; and fosters outstanding research, practice, and creative activity.

The College is committed to the core purposes of liberal education: promoting free and rational discourse, fostering an understanding of the diversity of human experience, providing the critical intellectual skills necessary to navigate a rapidly changing world, and integrating knowledge across disciplinary boundaries.

Undergraduate Programs

Academic Advisement

The College challenges students to assume substantial responsibility for defining their educational goals, yet provides careful professional guidance to help them respond to the challenge. Undergraduates plan their academic programs with academic counselors and faculty advisors according to their interests, professional plans, and academic progress. Before they enroll in classes, first-semester freshmen choose courses with the assistance of a detailed curriculum guide. During freshman orientation, students are assigned an academic counselor who serves as the primary advisor until they choose their majors, usually by the end of the sophomore year. After students formally declare their majors, they are advised by faculty advisors from their major departments, but may consult with their academic counselor as needed. At transfer orientation or upon enrollment, transfer students meet with an academic counselor and then go to the departments of their intended majors for academic advisement as described above. Transfer students undecided on a major, are advised by an academic counselor.

Foreign Language

The university encourages students to gain proficiency in at least one foreign language, especially those embarking on a career in international relations, study of the humanities, or specialization in minority groups in the United States. Graduate study will often require proficiency in one or more foreign languages.

Internships

Internships engage students in practical experiences, support learning, and provide on-the-job training. Interns work in many organizations in both the public and the private sectors in the Washington area. The growing number of internships in the College is testimony to both their popularity and their success. For more information on internships, students should consult with their academic units and the Career Center.

Majors

No later than the end of the sophomore year, students in the College are expected to declare an academic major. In this field the student pursues study in depth and synthesizes academic knowledge. Major programs are described in the departmental sections. Students should become familiar with departmental requirements and regulations as stated in this catalog. When making a formal declaration of major, students are assigned an academic advisor who will supervise their studies until graduation. Students interested in the natural sciences, mathematics, music, and art need to take specific courses in the freshman year

if they intend to complete a degree in eight semesters. Such students should declare their interests as soon as possible and seek explicit counseling from the appropriate department.

Minors

Undergraduate students may earn a minor in most departments and programs of the College of Arts and Sciences. All minor programs consist of a minimum of 18 credit hours, including at least 9 credit hours at the 300 level or above. For all minors, at least 9 credit hours of the stated requirements must be taken in residence at American University and at least 12 credit hours of the minor must be unique to the minor. For more information see undergraduate degree requirements. For descriptions of specific minor programs, see individual departmental listings.

Individualized Majors and Minors

College of Arts and Sciences undergraduate students may design their own majors and minors by applying to a review committee overseen by the Vice Provost for Undergraduate Studies. Students must have a 3.00 cumulative GPA and must apply no later than before the completion of 60 earned credits in residence at American University.

Individualized programs must American University's minimum requirements for majors and minors.

Preprofessional Programs

Preprofessional programs are available in engineering, law, and medicine and related health fields. Pretheology students

find the university's relationship with the Wesley Theological Seminary beneficial, and the Kay Spiritual Life Center directs an innovative program of religious activities that complements preprofessional studies in religion.

Study Abroad

AU Abroad offers the opportunity for students to study abroad and gain full American University course credit. All students are encouraged to learn and work in another culture. Students may spend a semester or year at prestigious universities in over 40 countries, spanning six continents. In addition, international study tours led by faculty members are offered during semester breaks and summer sessions. For more information and a full listing of AU Abroad programs, go to:

www.auabroad.american.edu/.

Graduate Programs

The graduate programs of the College of Arts and Sciences are directed toward the development of highly competent scientists, artists and performers, sensitive teachers, and critical scholars. To achieve this objective, the College provides an academic setting and climate favorable to the free interchange of ideas and the disciplined exploration and testing of concepts and hypotheses.

Doctoral programs are offered in anthropology, economics, history, clinical psychology, and behavior, cognition, and neuroscience.

African American and African Diaspora Studies

Advisor Keith Leonard, Department of Literature

Minor in African American and African Diaspora Studies

The minor in African American and African Diaspora Studies is a rigorous interdisciplinary program that examines African American culture in the continental United States in the context of the cultures of the African diaspora. The program provides students with an understanding of the rich history and cultures of African American peoples in the United States, with opportunities to explore contemporary and historical African cultures, theories of racial ideology and race politics, and the distinctive artistic, literary and cultural practices of African people worldwide.

Minor Requirements

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor and at least 9 credit hours at the 300-level or above

Course Requirements

- IDIS-210 Contemporary Multi-Ethnic Voices FA4 (3)
- One of the following:
 - HIST-208 African-American History: to 1877 (3)
 - HIST-209 African-American History: 1877 to Present (3)
 - SISU-211 Civilizations of Africa FA3 (3)
- 12 credit hours in two of the following three areas: African American and African History; Global Politics of Race and Ethnicity; and Identity, Culture, and Representation.

Courses should represent a mix of social sciences and the humanities. Topics courses, independent study, internship, and study abroad, or other applicable courses not listed below, must be approved by the advisor.

African American and African History

- AMST-340 Research on the City of Washington (1-6)
- HIST-208 African American History: to 1877 (3) (if not taken to meet requirement above)
- HIST-209 African American History: 1877 to Present (3) (if not taken to meet requirement above)
- HIST-210 Ethnicity in America FA4 (3)
- HIST-453 Civil War and Reconstruction (3)
- HIST-454 The South since Reconstruction (3)

- HIST-478 Civil War Institute (3)
- HIST-479 Topics in African American History (3)
- SISU-211 Civilizations of Africa FA3 (3) (if not taken to meet requirement above)
- SISU-386 Contemporary Africa (3)
- Global Politics of Race and Ethnicity**
- ANTH-210 Roots of Racism and Interracial Harmony FA3 (3)
- ANTH-439 Culture, History, Power, Place (3) (topics)
- COMM-275 Dissident Media: Voices from the Underground FA4 (3)
- COMM-535 Special Topics in News Media: Race, Ethnic and Community Reporting (3)
- GOVT-423 Advanced Studies in Public Policy: Politics of Civil Rights (3)
- GOVT-432 Political Institutions and Processes in Selected Countries: Africa (3)
- or*
- GOVT-532 Political Institutions and Processes in Selected Regions: Contemporary African Politics (3)
- PHIL-417 Race and Philosophy (3)
- PSYC-497 Topics in Psychology: Psychology of the African American Child (3)
- SIS-519 Special Studies in International Politics: African Political Institutions (3)
- Ethnicity, Crime and Immigration (3)
- SOCY-210 Power, Privilege, and Inequality FA4 (3)
- SOCY-354 White Privilege and Social Justice (3)
- Identity, Culture, and Representation**
- LIT-235 African American Literature FA2 (3)
- LIT-323 Ethnic Literatures of the United States (3) (topics)
- PERF-103 Beginning Jazz Dance (3)
- PERF-146 Jazz Ensemble (1)
- PERF-161 Gospel Choir (1)
- PERF-203 Intermediate Jazz Dance (3)
- PERF-206 African Dance (3)
- PERF-225 The African American Experience in the Performing Arts FA1 (3)
- PERF-321 Evolution of Jazz and Blues (3)

American Studies

Director Katarina Vester (History)

Note: Faculty from the Departments of Anthropology, History, Literature, and other departments and schools of the university teach courses in the program.

The American Studies Program offers a highly interdisciplinary major and minor in which students can explore the different cultures and cultural expressions of the United States during its history and today. Students have the opportunity to research complex questions and follow interests that go beyond the confines of a single discipline and which are crucial to an understanding of US society and politics. American Studies students learn to analyze US society through sources ranging from historical documents, paintings, films, literature, blogs, and video games, thus preparing them for a wide range of careers in the media, museums, urban planning, education, and governmental and non-governmental organizations, in the United States or abroad.

The faculty consists of expert teachers and scholars from different departments, including anthropology, art history, history, literature, and education, who cooperate closely with DC community leaders and institutions, thus bringing diverse learning experiences into the classroom. Courses in American Studies encourage students to use the many resources DC has to offer and to participate in internships and service-learning (themed volunteer work accompanying a specific course and supervised by faculty). Many of our students find internships and part-time jobs in DC's political and cultural institutions, thus complementing their education with practical experience.

Taking advantage of its unique location, the American Studies Program at AU focuses on studies of urban DC and the region as well as the study of the United States' diverse cultural relations with the world (such as migration, tourism, and ethnic cuisine). We encourage students to participate in AU's Study Abroad Program to experience an outside perspective on the United States. The American Studies Program at AU offers a unique profile and learning experience from which students can benefit in many ways.

Bachelor of Arts (BA) American Studies

Admission to the Program

Formal admission to the major requires a grade point average of 2.50 (on a 4.00 scale) in two courses related to the major.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component

- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better

Course Requirements

- AMST-200 American Dreams/American Lives (3)
- AMST-400 Interpreting American Culture (3)
- One of the following as a senior project:
AMST-410 Senior Thesis (3)
AMST-491 Internship in American Studies (3)
- 9 additional credit hours in American studies (AMST-xxx) courses at the 300 level or above, excluding independent study and internships
- 21 credit hours, with at least 15 credit hours at the 300-level or above, and no more than 9 credit hours taken in the same department, in courses focusing on Washington, DC, the United States, or the United States and the world, selected from at least three departments or programs including American Studies, Anthropology, Art History, History, or Literature.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in American Studies

- 18 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- AMST-200 American Dreams/American Lives (3)
- AMST-400 Interpreting American Culture (3)
- 12 credit hours, with at least 6 credit hours at the 300-level or above, and no more than 6 credit hours taken in the same department, in courses focusing on Washington, DC, the United States, or the United States and the world, selected from at least three departments or programs including American Studies, Anthropology, Art History, History, or Literature.

Anthropology

Chair Richard J. Dent

Full-Time Faculty

Professor Emeritus/a G.L. Burkhart, J. Gero, G.L. Harris, C.W. McNett, Jr.

Professor D.B. Koenig, C. Kusimba, W.L. Leap, B. Williams

Associate Professor R.J. Dent, R. Watkins

Assistant Professor A. Pine, S. Prince, D. Sayers, E. Smith, D. Vine, J. Woodfork

Public Anthropologist in Residence G. Schafft, S. Taylor

Filmmaker in Residence N. Shapiro-Perl

Humans have always constituted their families, sexuality, gendered identities, social groups, religious practices, work, play, and artistic expression in dramatically diverse ways. Anthropologists explore everyday experience, cultural difference, and power relations in order to understand this diversity in the context of local and global histories. Stark inequalities are also part of the human experience, and anthropologists seek to uncover the ideologies and processes that create and mask those inequalities.

Different kinds of anthropologists explore difference and power from specialized perspectives. Cultural and social anthropologists search for the connections between cultural meanings and lived human experience. Archaeologists probe the remains of past civilizations for significant transformations in the ways communities organized their homes and labor. Biological anthropologists document the dynamics of human evolution and study nutrition, health, and illness in their cultural contexts. Linguists examine the varied texts that speakers create for clues that language holds to hierarchy and personal expression.

Anthropology students examine past and present societies to bring anthropological and archaeological theory and practice to ongoing struggles against racism, sexism, homophobia, inequality, poverty, environmental degradation, and ethnic/cultural genocide. The undergraduate anthropology program at American University introduces students to all four subfields of anthropology, and many students specialize in one. Graduate programs include the MA in Public Anthropology and doctoral concentrations in cultural/social anthropology; archaeology; and race, gender, and social justice. A Certificate in Public Anthropology is offered for both undergraduates and graduate students. All programs stress active, cooperative learning, for anthropology opens up many exciting questions for discussion and debate.

Students are encouraged to learn outside the classroom, through internships and job placements, field trips and experiential classes, and study abroad. Washington, DC offers many opportunities for students to broaden their learning through museums and research facilities and the rich community life of the city. Many anthropology majors choose to spend a semester abroad. With prior approval, the department accepts courses taken through AU Abroad as credit for the major.

Bachelor of Arts (BA)

Anthropology

Admission to the Program

Formal admission to the major by the department's undergraduate studies director requires a cumulative grade point average of 2.00 (on a 4.00 scale) and a grade point average of 2.00 or higher in two anthropology courses.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 48 credit hours with grades of C or better

Course Requirements

Core Courses (24 credit hours)

- ANTH-250 Human Origins FA5 (3)
- ANTH-251 Anthropological Theory (3)
- ANTH-253 Introduction to Archaeology (3)
- ANTH-254 Language and Culture (3)
- ANTH-439 Culture, History, Power, Place (3)
- ANTH-440 Contemporary Ethnographies (3)
- ANTH-450 Anthropology of Power (3)
- ANTH-452 Anthropological Research Methods (3)

Fieldwork (3 credit hours)

- 3 credits from the following:
 - ANTH-491 Internship in Anthropology (1-6)
 - ANTH-550 Ethnographic Field Methods (3)
 - ANTH-560 Summer Field School: Archaeology (1-9)
 Other fieldwork, including study abroad programs or community service learning projects, may be used with the approval of the student's advisor

Elective Courses (21 credit hours)

- 21 credit hours from the following with a minimum of 12 credit hours at the 300 level or above:
 - ANTH-210 Roots of Racism and Interracial Harmony FA3 (3)
 - ANTH-215 Sex, Gender, and Culture FA3 (3)
 - ANTH-220 Living in Multicultural Societies FA3 (3)
 - ANTH-225 Language and Human Experience FA1 (3)
 - ANTH-230 India: Its Living Traditions FA3 (3)
 - ANTH-235 Early America: The Buried Past FA2 (3)

- ANTH-330 Magic, Witchcraft, and Religion (3)
- ANTH-331 Taboos (3)
- ANTH-334 Environmental Justice (3)
- ANTH-337 Anthropology of Genocide (3)
- ANTH-350 Special Topics (3)
- ANTH-498 Senior Thesis in Anthropology (3-6)
- ANTH-531 Topics in Archaeology (3)
- ANTH-534 Class and Culture (3)
- ANTH-535 Ethnicity and Nationalism (3)
- ANTH-537 Topics in Language and Culture (3)
- ANTH-542 Reinventing Applied Anthropology (3)
- ANTH-543 Anthropology of Development (3)
- ANTH-544 Topics in Public Anthropology (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA in Anthropology and MA in Public Anthropology

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program allows qualified students to complete both the BA in Anthropology and the MA in Public Anthropology.

Requirements

- The standards for admission to the undergraduate major must first be satisfied. Undergraduate majors ordinarily apply for admission to the combined BA/MA program at the end of their junior year. Admission decisions follow the procedures used to evaluate graduate applicants to the MA program. Interest in this program should be discussed with members of the faculty before formal application is begun.
- All requirements for the BA in Anthropology
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework in anthropology to satisfy the requirements for both degrees.
- All requirements for the MA in Public Anthropology, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Anthropology

- 18 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- ANTH-251 Anthropological Theory (3)
- Two courses from the following:
ANTH-250 Human Origins FA5 (3)
ANTH-253 Introduction to Archaeology (3)
ANTH-254 Language and Culture (3)
- An additional 9 credit hours at the 300 level or above chosen in consultation with an advisor

Minor in Public Anthropology

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor

Course Requirements

- ANTH-251 Anthropological Theory (3)
- ANTH-542 Reinventing Applied Anthropology (3) (taken after completion of at least 6 credit hours in anthropology)
- An additional 12 credit hours with at least 9 credit hours at the 300 level or above, chosen from at least two subfields (socio-cultural, linguistic, archaeological, physical) in consultation with an advisor.

Undergraduate Certificate in Public Anthropology

Admission to the Program

Open to undergraduate degree and nondegree students. Students must complete 6 credit hours with grades of C or better in anthropology courses at the 200 level or above, or have internship experience in a related field before beginning coursework for the certificate.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 300-level or above, with grades of C or better.
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 12 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- ANTH-541 Public Anthropology and State Policy (3)
or
ANTH-542 Reinventing Applied Anthropology (3)
- 12 credit hours in public anthropology courses at the 300 level or above, chosen in consultation with the student's faculty advisor.

Master of Arts (MA) Public Anthropology

Admission to the Program

Applicants must meet the minimum university requirements for admission to graduate study. Admission is based on academic record, two academic letters of reference, and an example of the applicant's work, e.g., a term paper. Graduate Record Examination (GRE) scores are required.

Degree Requirements

- 30 credit hours of approved graduate work
Students focus their studies in either cultural/social anthropology or archaeology
No more than 12 credit hours earned in a graduate certificate program may be transferred to the MA in Anthropology program
- Capstone experience: completion of substantial research project or thesis
A substantial research project must be approved by a committee of two members, one of whom must be a member of the American University faculty.
A thesis must be approved by a committee including at least two members from the American University faculty. Students choosing the thesis option complete 3-6 credit hours of ANTH-797 Master's Thesis Seminar.

Tracks

Cultural/Social Anthropology or Archaeology

Course Requirements

Core Requirements (12 credit hours)

- ANTH-632 Contemporary Theory: Culture, Power, History (3)
- ANTH-652 Anthropological Research Design (3)
- 6 credits hours of approved graduate coursework from another discipline, such as history, sociology, communication, international service, sociology, economics, mathematics and statistics, computer science, information systems, business, or public affairs.

Cultural/Social Anthropology Track (18 credit hours)

- 18 credit hours of Anthropology (ANTH) courses at the 500-level or above, as approved by the student's advisor. Students choosing the thesis option complete 3-6 credit hours of ANTH-797 Master's Thesis Seminar. Students may receive credit for no more than 6 credit hours of ANTH-691 and ANTH-797; and no more than 9 credit hours of ANTH-590 and ANTH-690.

Archaeology Track (18 credit hours)

- ANTH-533 Managing Cultural Resources (3)
or
ANTH-531 Topics In Archaeology:
Archaeology and Politics (3)
- ANTH-634 Foundations of Archaeology (3)

- 12 credit hours of Anthropology (ANTH) courses at the 500-level or above, as approved by the student's advisor. Students choosing the thesis option complete 3-6 credit hours of ANTH-797 Master's Thesis Seminar. Students may receive credit for no more than 6 credit hours of ANTH-691 and ANTH-797; and no more than 9 credit hours of ANTH-590 and ANTH-690. Students without field archaeology experience are strongly encouraged to take ANTH-560 Summer Field School: Archaeology.

Graduate Certificate in Public Anthropology

The certificate program in public anthropology is designed for individuals seeking to address issues of economic freedom, human rights, and social justice through a public anthropology lens. Students can build competency in the field of public anthropology while working full-time without the commitment of a full graduate degree program. Most classes are offered in the evenings. *Note:* No more than 12 credit hours of this graduate certificate may be transferred into a degree program.

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Students must complete 6 credit hours with grades of C or better in anthropology courses at the 200 level or above, or have internship experience in a related field before beginning coursework for the certificate.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- ANTH-541 Public Anthropology and State Policy (3)
or
ANTH-542 Reinventing Applied Anthropology (3)
- 12 credit hours in graduate public anthropology courses with at least 6 credit hours at the 600 level or above, chosen in consultation with the student's faculty advisor.

Doctor of Philosophy (PhD) Anthropology

Admission to the Program

Applicants must meet the minimum university requirements for admission to graduate study. Admission is based on academic record, two academic letters of reference, and an example of the applicant's work, e.g., a term paper. GRE scores should be sent directly to the department.

Degree Requirements

- 36-54 credit hours of approved graduate work, exclusive of ANTH-898/ANTH-899.

Students entering the program directly from a bachelor's degree must complete 54 credit hours of graduate work, exclusive of ANTH-898/ANTH-899.

Students entering the program with a MA degree in anthropology or equivalent credit hours must complete 36 credit hours of graduate work, exclusive of ANTH-898/ANTH-899.

Students entering the program with a MA degree in a field other than anthropology or equivalent credit hours must complete 36-54 credit hours of graduate work, exclusive of ANTH-898/ANTH-899. During their first semester in the PhD program, these students meet with their advisors to determine the relevance of previous work to their Proposed Program of Study. The student's Program of Study, with a justification for the proposed number of required hours of coursework, must be approved by the graduate program director, and must include the number of credit hours of coursework required.

No more than 12 credit hours earned in a graduate certificate program may be transferred toward the PhD in Anthropology program.

- Continuous enrollment in each fall and spring semester until completion of degree requirements
- Two languages or one language and statistical or computer analysis as a tool of research
- Three comprehensive examinations, at least two written and at least one oral
- Dissertation and oral defense
- Field work is a component of dissertation research

Concentrations

Cultural/Social Anthropology, Archaeology, or Race, Gender, and Social Justice

Course Requirements

Cultural/Social Anthropology or Archaeology Concentration

- ANTH-631 Foundations of Social and Cultural Anthropology (3)
- ANTH-634 Foundations of Archaeology (3)
- ANTH-637 Discourse, Text, and Voice (3)
- 27-45 credit hours of additional coursework, chosen in consultation with the student's faculty advisor. The total number of credit hours required depends on the student's approved Program of Study. Customarily, students receive credit for no more than 6 credit hours of ANTH-691. Students may receive credit for no more than 9 credit hours of ANTH-590 and ANTH-690.
- ANTH-899 Doctoral Dissertation (only after advancement to candidacy)

Race, Gender, and Social Justice

- ANTH-632 Contemporary Theory: Culture, Power and History (3)
- ANTH-635 Race, Gender and Social Justice (3)
- 12 credit hours in race, gender, and social justice coursework from the following, chosen in consultation with the student's advisor:
 - ANTH-531 Topics in Archaeology: Archaeology and Politics (3)
 - ANTH-535 Ethnicity and Nationalism (3)
 - ANTH-537 Topics in Language and Culture: Language, Culture, and Education (3)
 - ANTH-541 Public Anthropology and State Policy (3)
 - ANTH-542 Reinventing Applied Anthropology (3)
 - ANTH-544 Topics in Public Anthropology : Environmental Justice (3)
 - Human Rights (3)
 - ANTH-637 Discourse, Text, and Voice (3)
 - ANTH-640 Current Issues in Anthropology (3)
- 15 credit hours of coursework from at least two other teaching units, including the Departments of Justice, Law and Society; History; and Sociology; and the School of International Service
- ANTH-691 Internship in Anthropology (3)
 - or*
 - Other practical experience in race, gender and social justice
- 0-18 credit hours of additional coursework, chosen in consultation with the student's faculty advisor. The total number of credit hours required depends on the student's approved Program of Study. Customarily, students receive credit for no more than 6 credit hours of ANTH-691. Students may receive credit for no more than 9 credit hours of ANTH-590 and ANTH-690.
- ANTH-899 Doctoral Dissertation (only after advancement to candidacy)

Arab World Studies

Director Randa Serhan (Sociology)

Note: Faculty from other departments and schools of the university teach courses in the program.

The interdisciplinary program in Arab World Studies draws on the distinguished faculty in the College of the Arts and Sciences, School of International Service, and School of Public Affairs who teach courses related to the Arab world. The program offers three degree options: major, minor, and certificate. The major provides students with a working proficiency in Arabic and an in-depth study of the Arab world. The minor and certificate are ideal for students who are majoring in related subject areas.

Bachelor of Arts (BA) Arab World Studies

The BA in Arab World Studies is an interdisciplinary major that offers students the opportunity to learn about Arab societies from multiple perspectives. The strength of the program is its holistic approach to studying the Arab Middle East, which is analyzed through its politics, economy, gender relations, literature, geography, religion, and its place in a globalizing world.

Admission to the Program

Formal admission to the major requires a grade point average of 2.50 (on a 4.00 scale) in two courses related to the major.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 36 credit hours with grades of C or better including a minimum of 15 credit hours at the 300-level or above
- Demonstrate Arabic language proficiency through completion of two years of college-level study (ARAB-203) or equivalent as certified by the Department of World Languages and Cultures

Course Requirements

Foundation Courses (9 credit hours)

- 3 credits hours in an approved introductory Arab world course
- SOCY-225 Arab Societies FA3 (3)
- One of the following:
GOVT-110 Politics in the United States FA4 (3-4)

SISU-105 World Politics FA3 (3)

SOCY-150 Global Sociology FA4 (3)

Concentration (15 credit hours)

- 15 credit hours through completion of one course from each of the following categories:

Methodology

GOVT-310 Introduction to Political Research (3)

SISU-206 Introduction to International Studies Research (3)

SISU-368 Differences and Similarities in Conflict Resolution (3)

SOCY-320 Introduction to Social Research (3)

SOCY-321 Sociological Reasoning with Quantitative Data (3)

SOCY-322 Qualitative Research Methods (3)

Other methodology course approved by program advisor

Theory

SISU-393 International Relations Theory (3)

SOCY-315 Classical Social Theory (3)

WGSS-400 Feminist, Gender, and Sexuality Theory (3)

Other theory course approved by program advisor

History

HIST-248 Introduction to Middle Eastern History (3)

SISU-215 Contemporary Middle East (3)

SISU-319 Arab-Israeli Relations (3)

SISU-365-002 Topics in Identity, Race, Gender, and Culture: Middle East: The World of Islam (3)

Other history course approved by program advisor

Gender

GOVT-584 Gender and Politics in the Middle East (3)

SOCY-235 Gender in Transnational Perspective FA3 (3)

WGSS-225 Gender, Politics, and Power FA4 (3)

WGSS-350 Interpreting Gender in Culture (3) (approved topic)

Economy

ECON-458 Economics of the World Regions: The Arab Economies (3)

IBUS-244 International Management Practices: Gulf Cooperation Countries (3)

Electives (9 credit hours)

- 9 credit hours from the following or other approved courses:
3 credit hours in an approved internship
COMM-280 Contemporary Media in a Global Society FA3 (3) (with advisor approval)
RELG-470 Islam (3)
SISU-365 Topics in Identity, Race, Gender, and Culture: Middle East: Contemporary Islam and International Relations (3)

Capstone (3 credit hours)

- 3 credit hours in an approved capstone project course

Arabic Language Requirement

Students must demonstrate Arabic language proficiency at the intermediate level (ARAB-203). Students with previous experience with the language may test out of one or more of the following courses (evaluation conducted in collaboration with the Arabic language program).

- ARAB-102 Arabic Elementary I (5)
- ARAB-103 Arabic Elementary II (5)
- ARAB-202 Arabic Intermediate I (5)
- ARAB-203 Arabic Intermediate II (5)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Arab Studies

Admission to the Program

Formal admission to the minor requires a minimum grade point average of 2.00 (on a 4.00 scale) and approval of the program advisor.

Requirements

- 21 credit hours with grades of C or better with at least 12 credit hours unique to the minor and at least 9 credit hours at the 300 level or above

Course Requirements

- SISU-365-002 Topics in Identity, Race, Gender, and Culture: Middle East: The World of Islam (3)
- SOCY-225 Arab Societies FA3 (3)
- Five courses from the following, with at least one selected from each group:

History, Culture, and Society

ANTH-439 Culture, History, Power, Place (3) (topics)

ECON-458 Economics of the World Regions:

The Arab Economies (3)

GOVT-532 Political Institutions and Processes in Selected Regions (3) (topics)

HIST-248 Introduction to Middle Eastern History (3)

SOCY-531 Transnational Reach (3) (topics)

International Studies

SISU-215 Contemporary Middle East (3)

SISU-319 Arab-Israeli Relations (3)

SIS-571 International Relations of the Middle East I (3)

Undergraduate Certificate in Arab Studies

Admission to the Program

Open to undergraduate degree and nondegree students.

Certificate Requirements

- 29 credit hours of approved coursework with at least 15 credit hours at the 300-level or above with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 12 credit hours each semester (except for summer). A maximum of 6 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SISU-365-002 Topics in Identity, Race, Gender, and Culture: Middle East: The World of Islam (3)
- SOCY-225 Arab Societies FA3 (3)
- Five courses from the following, with at least one selected from each group:

History, Culture, and Society

ANTH-439 Culture, History, Power, Place (3) (topics)

ECON-458 Economics of the World Regions:

The Arab Economies (3)

GOVT-532 Political Institutions and Processes in Selected Regions (3) (topics)

HIST-248 Introduction to Middle Eastern History (3)

SOCY-531 Transnational Reach (3) (topics)

International Studies

SISU-215 Contemporary Middle East (3)

SISU-319 Arab-Israeli Relations (3)

SIS-571 International Relations of the Middle East I (3)

- Two courses from the following with grades of C or better:
 - ARAB-102 Arabic Elementary I (4)
 - ARAB-103 Arabic Elementary II (4)
 - ARAB-202 Arabic Intermediate I (4)
 - ARAB-203 Arabic Intermediate II (4)

Art

Chair Chemi Montes

Full-Time Faculty

University Professor Emeritus B.L. Summerford

Professor Emeritus/a N. Broude, M.D. Garrard, S. Lewis, M. Oxman, S. Pace, L. Penay

Professor D. Kimes

Associate Professor Emeritus/a M. Graham, M. Hirano, D. Kahn, C. Ravenal

Associate Professor K. Butler, Z. Charlton, T. Doud, A. Holtin, H. Langa, C. Montes, A. Pearson, K. Resnick, L. Silva

Assistant Professor J. Bellow, D. Mysliwiec, I. Sakellion

Professorial Lecturer J. Allen

Instructor T. Strickland

The Department of Art encompasses the creative activities of the fine arts (painting, sculpture, printmaking, and multimedia), the artistic applications of design, and the theoretical and historical concerns of art history. These complementary programs function together, so that the student gains not only depth of knowledge in a chosen specialty but also the breadth of experience that yields understanding of artistic traditions, values, cultural awareness, and contemporary issues. A faculty of exhibiting artists, practicing designers, published and respected historians, and strong studio programs focused on giving students facility with materials and familiarity with visual and theoretical concepts make the art department, in effect, an art school within a university.

The Art Department offers the Bachelor of Arts in Art History, Graphic Design, or Studio Art, all of which can also be taken as minors, a Bachelor of Fine Arts, a Master of Arts in Art History, and a Master of Fine Arts in Studio Art.

The study of art awakens the ability to undertake a serious exploration of visual form, opens the mind to the special meanings encoded in visual language, and develops the creative, expressive, and analytic abilities inherent in all people. In studio courses, students learn to see with acuity, to explore forms in nature or from the imagination, and to make images that are formally coherent and personally expressive. In art history courses, students are introduced to the art of civilizations past and present, learn how to interpret works of art critically and historically, and discover how art functions both to reflect and to shape social values. In graphic design courses, students develop an understanding of the dynamic power of visual imagery and learn to apply their knowledge of the formal elements of art to the production of effective graphic communication.

American University's Katzen Arts Center provides students with a state of the art facility for the investigation and pursuit of both the visual and performing arts. The Art Department's classrooms, and studios are equipped for the in-

struction of drawing, painting, printmaking, sculpture, design, computer graphics, multimedia, and art history.

As well as multiple performance stages and a full array of classroom and studio facilities, the Katzen Arts Center contains more than 30,000 square feet of gallery space and an impressive museum including the Watkins and Katzen collections, with works by Avery, Chagall, Dove, Klee, Kokoshka, Marin, Matisse, and Picasso, and a vital rotating schedule of exhibitions. The many world-class museums in Washington, DC also form an integral component of students' experience at American University.

In addition to the full-time faculty, each year the studio program brings nationally and internationally distinguished visiting artists-in-residence to the department, including Olive Ayhens, Gregory Amenoff, Frances Barth, Jake Bertlot, Susanna Coffey, Diana Cooper, Stuart Diamond, Tara Donovan, Andrew Forge, Sam Gilliam, Judy Glantzman, Glenn Goldberg, Margaret Grimes, Diana Guerrero-Macia, Bill Jensen, Shirley Kaneda, Catherine Murphy, Judy Pfaff, Katherine Porter, Hanneline Rogeberg, Roger Tibbetts, Tracy Miller, James Sheehan, Pat Steir, John Walker, Stephan Westfall, and others.

An internationally-prominent art history faculty and strong curriculum give the art history major a solid grounding in art as a historical and humanistic discipline in an environment that provides continuing contact with art past and present. Because of the university's location in one of the major art capitals of the world and its proximity to Washington's great museums and art collections, all programs afford students the advantage of immediate experience with art masterpieces by diverse artists.

The design curriculum is highly structured and sequential to provide students with the theory and practice of graphic communications design applicable to many purposes, as well as the development of professional production methods. Courses cover publication and editorial design, corporate identity, packaging, illustration, poster design, multimedia, experience and interactive design, etc. Along with creative and technical skills, verbal and analytical abilities are developed through class critiques. Through internships with designers working in the field, students learn to balance the ideal creative solution with the reality of budget constraints, technical limitations, and deadlines.

An important objective of the department is to prepare students for careers in the art world. Given the sound theoretical and technical bases of our programs, graduates find that varied individual career opportunities await them. Depending on the specific discipline pursued, they have become professional painters and sculptors, teachers, critics, graphic designers, illustrators, and exhibition design specialists. Graduates also go on to PhD programs and careers in museum and gallery work, visual resources, and historic preservation.

Bachelor of Arts (BA) Art History

Admission to the Program

Formal admission to the major requires satisfactory completion (grades of C or better) of 12 credit hours of art history courses and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better including a minimum of 24 credit hours at the 300-level or above and at least 20 credit hours taken in residence at American University

Art history majors are advised to take at least 12 credit hours in elective courses that complement their interests in art history from studio art, American studies, anthropology, history, literature, music, or philosophy, or a minor in one of these fields.

Students planning graduate study in art history are advised to attain a reading knowledge of French, Italian, or German to the intermediate level (or the equivalent of 12 credit hours at the college level).

Course Requirements

- ARTH-105 Art: The Historical Experience FA1 (3)
- ARTH-205 Art of the Renaissance FA2 (3)
- ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3)
- ARTH-225 Buddhist Arts of Asia FA1 (3)
- ARTH-500 Approaches to Art History (3)
- 18 credit hours at the 300-level or above in Medieval, Renaissance, Baroque, modern European, contemporary, and/or Asian art history
- 3 credit hours from the following:
 - ARTH-490 Independent Study Project in Art History (1–3)
 - ARTH-491 Internship (3)
 - ARTH-520 Seminar in Art History (3)
 - other approved course at the 400 or 500-level
- 3 credit hours in studio art
With approval of the art history advisor, two 3-credit courses taken through AU Abroad may be counted toward the major requirements.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Graphic Design

Admission to the Program

Formal admission to the major requires satisfactory completion (grades of C+ or better) of the following foundation courses:

- GDES-200 Visual Communication Design FA1 (3)
- GDES-210 Typography I: Visible Language for Publications and Media (3)
- GDES-220 Digital and Emerging Media Design I (3)
- COMM-330 Principles of Photography (3)

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 54 credit hours with grades of C or better
24 of the last 30 credit hours in the major program must be taken in residence, of which 18 credit hours must be in design and 3 credit hours in art history or studio.
All students will submit a portfolio for departmental evaluation prior to beginning their senior year. The department may issue formal warnings to students performing at marginal levels.

Tracks

Print Media or Experience Design and Multimedia

Course Requirements

- ARTH-105 Art: The Historical Experience FA1 (3)
- COMM-330 Principles of Photography (3)
- GDES-200 Visual Communication Design FA1 (3)
- GDES-210 Typography I: Visible Language for Publications and Media
- GDES-220 Digital and Emerging Media Design I (3)
- GDES-230 Graphic Design History: Visual Culture, Commerce, and Propaganda FA1 (3)
- GDES-300 Typography II: Type and Image (3)

Print Media

- GDES-310 Design for Print: Digital and Analog Print Production (3)
- GDES-320 Visual Concepts and Image Making for Design (3)
- GDES-400 Advanced Design I: Visual Branding and Design Systems (3)
- GDES-420 Advanced Design II: Publication Design for Print and Digital Media (3)
- 9 credit hours from the following:
 - GDES-315 Digital and Emerging Media Design II (3)
 - GDES-325 Kinetic and Sequential Graphics (3)
 - GDES-350 Illustration (3)
 - GDES-405 Experience Design: Interactive Media and Mobile Devices (3)
 - GDES-425 Interactive Experience Design: Senior Projects (3)
 - GDES-450 Packaging Design (3)
 - GDES-490 Independent Study Project (1–6) with department approval
 - GDES-491 Internship (1–6) with department approval
- 12 credit hours from the following, with at least 3 credit hours from each set of courses:

Set One

- ARTS-100 Art: The Studio Experience FA1 (3)
- ARTS-205 The Artist's Perspective: Drawing FA1 (3)
- ARTS-210 The Artist's Perspective: Painting FA1 (3)
- ARTS-215 The Artist's Perspective: Sculpture FA1 (3)
- ARTS-344 Ceramics Studio (3)
- ARTS-420 Painting Studio (3)
- ARTS-440 Sculpture Studio (3)
- ARTS-460 Drawing Studio (3)
- ARTS-463 Relief Printmaking Studio (3)
- ARTS-464 Intaglio Studio (3)

Set Two

- ARTH-205 Art of the Renaissance FA2 (3)
- ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3)

Set Three

- COMM-401 Communication Law (3)
- COMM-523 Intermediate Photography (3)

- COMM-525 Advanced Photography (3)
- COMM-529 Large Format Photography and Studio Lighting (3)

Experience Design and Multimedia

- GDES-315 Digital and Emerging Media Design II (3)
- GDES-325 Kinetic and Sequential Graphics (3)
- GDES-405 Experience Design: Interactive Media and Mobile Devices (3)
- GDES-425 Interactive Experience Design: Senior Projects (3)
- 9 credit hours from the following:
 - GDES-310 Design for Print: Digital and Analog Print Production (3)
 - GDES-320 Visual Concepts and Image Making for Design (3)
 - GDES-350 Illustration (3)
 - GDES-400 Advanced Design I: Visual Branding and Design Systems (3)
 - GDES-420 Advanced Design II: Publication Design for Print and Digital Media (3)
 - GDES-450 Packaging Design (3)
 - GDES-490 Independent Study Project (1–6) with department approval
 - GDES-491 Internship (1–6) with department approval
- 12 credit hours from the following, with at least 3 credit hours from each set of courses:

Set One

- COMM-331 Film and Video Production I (3) (prerequisite: COMM-105 Visual Literacy)
- COMM-401 Communication Law (3)
- COMM-435 Introduction to Studio Television (3) (prerequisite: COMM-105 Visual Literacy)
- COMM-520 History of Animation (3)
- COMM-523 Intermediate Photography (3)
- COMM-525 Advanced Photography (3)
- COMM-529 Large Format Photography and Studio Lighting (3)

Set Two

- ATEC-101 Fundamentals of Audio Technology (3)
- ATEC-102 Audio Technology Laboratory (1)
- CSC-280 Introduction to Computer Science I (4)
- CSC-281 Introduction to Computer Science II (3)
- CSC-435 Web Programming (3)
- PERF-110 Understanding Music FA1 (3)

Set Three

- ARTH-205 Art of the Renaissance FA2 (3)
- ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3)
- ARTS-100 Art: The Studio Experience FA1 (3)
- ARTS-205 The Artist's Perspective: Drawing FA1 (3)
- ARTS-210 The Artist's Perspective: Painting FA1 (3)
- ARTS-215 The Artist's Perspective: Sculpture FA1 (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Studio Art

Admission to the Program

Formal admission to the major requires satisfactory completion (grades of C or better) of 12 credit hours of studio courses and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 54-55 credit hours with grades of C or better

Areas of Specialization

Drawing, Painting, Printmaking, Sculpture, or Installation

Course Requirements

- ARTH-105 Art: The Historical Experience FA1 (3)
- ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3)
- ARTS-205 The Artist's Perspective: Drawing FA1 (3)
- ARTS-210 The Artist's Perspective: Painting FA1 (3)
- ARTS-215 The Artist's Perspective: Sculpture FA1 (3)
- ARTS-235 The Artist's Perspective: Video Art FA1 (3)
- ARTS-400 Senior Seminar (3)
- ARTS-420 Painting Studio (3)
- ARTS-440 Sculpture Studio (3)
- ARTS-460 Drawing Studio (3) (6 credit hours total)

- ARTS-463 Relief Printmaking Studio (3)
or
ARTS-464 Intaglio Studio (3)
- ARTS-470 Time Based Studio (3)
- 12 credit hours of upper-level studio courses from the following:
 - ARTS-344 Ceramics Studio (3)
 - ARTS-420 Painting Studio (3)
 - ARTS-440 Sculpture Studio (3)
 - ARTS-460 Drawing Studio (3)
 - ARTS-463 Relief Printmaking Studio (3)
 - ARTS-464 Intaglio Studio (3)
- 3 credit hours in art history (ARTH)

Area of Specialization

Multimedia

Course Requirements

- ARTH-105 Art: The Historical Experience FA1 (3)
- ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3)
- ARTS-205 The Artist's Perspective: Drawing FA1 (3)
- ARTS-215 The Artist's Perspective: Sculpture FA1 (3)
- ARTS-235 The Artist's Perspective: Video Art FA1 (3)
- ARTS-400 Senior Seminar (3)
- ARTS-410 Multimedia Seminar (3) (6 credit hours total)
- ARTS-460 Drawing Studio (3)
- ARTS-470 Time-Based Studio (3)
- ATEC-101 Fundamentals of Audio Technology (3)
- ATEC-102 Audio Technology Laboratory (1)
- COMM-330 Principles of Photography (3)
- COMM-331 Film and Video Production I (3)
- COMM-350 Digital Imaging (3)
- GDES-220 Digital and Emerging Media Design I (3)
- GDES-315 Digital and Emerging Media Design II (3)
- 6 credit hours from the following:
 - Art history (ARTH) course (3)
 - COMM-100 Understanding Media FA4 (3)
 - COMM-105 Visual Literacy FA1 (3)
 - COMM-209 Communication and Society (3)
 - COMM-511 History of Documentary (3)
 - COMM-516 Topics in Film and Media Arts (3):
The Radical Image
 - COMM-517 History of Cross-Cultural Cinema (3)
 - COMM-520 History of Animation (3)
 - COMM-527 History of Photography (3)
 - COMM-558 Survey of American Cinema (3)
 - PHIL-230 Meaning and Purpose in the Arts FA1 (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all

University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Fine Arts (BFA)

Admission to the Program

Formal admission to the program is subject to the approval of a portfolio, evaluation of the academic record, and a personal interview. Admission depends entirely on faculty action resulting from this review. Consideration for the BFA is permitted only after 18 credit hours or three semesters of studio work have been completed at American University but before beginning the senior year.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 72-73 credit hours with grades of C or better

Course Requirements

Areas of Specialization

Drawing, Painting, Printmaking, Sculpture, or Installation

- ARTH-105 Art: The Historical Experience FA1 (3)
- ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3)
- ARTS-205 The Artist's Perspective: Drawing FA1 (3)
- ARTS-210 The Artist's Perspective: Painting FA1 (3)
- ARTS-235 The Artist's Perspective: Video Art FA1 (3)
- ARTS-400 Senior Seminar (3)
- ARTS-420 Painting Studio (3)
- ARTS-440 Sculpture Studio (3)
- ARTS-460 Drawing Studio (3) (9 credit hours total)
- ARTS-463 Relief Printmaking Studio (3)
- *or*
- ARTS-464 Intaglio Studio (3)
- ARTS-470 Time-Based Studio (3)

- ARTS-560 Drawing Practicum I (3)
- ARTS-561 Drawing Practicum II (3)
- 24 credit hours from the following including 18 credit hours from the student's area of specialization and 6 credit hours from another area:
 - ARTS-344 Ceramics Studio (3)
 - ARTS-420 Painting Studio (3)
 - ARTS-440 Sculpture Studio (3)
 - ARTS-460 Drawing Studio (3)
 - ARTS-463 Relief Printmaking Studio (3)
 - ARTS-464 Intaglio Studio (3)
- 3 credit hours in art history (ARTH)

Area of Specialization

Multimedia

- ARTH-105 Art: The Historical Experience FA1 (3)
- ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3)
- ARTS-205 The Artist's Perspective: Drawing FA1 (3)
- ARTS-235 The Artist's Perspective: Video Art FA1 (3)
- ARTS-400 Senior Seminar (3)
- ARTS-460 Drawing Studio (3)
- ARTS-470 Time-Based Studio (3)
- ARTS-410 Multimedia Seminar (3) (9 credit hours total)
- ATEC-101 Fundamentals of Audio Technology (3)
- ATEC-102 Audio Technology Laboratory (1)
- COMM-330 Principles of Photography (3)
- COMM-331 Film and Video Production I (3)
- COMM-350 Digital Imaging (3)
- GDES-220 Digital and Emerging Media Design I (3)
- GDES-315 Digital and Emerging Media Design II (3)
- 6 credit hours from the following:
 - ARTS-210 The Artist's Perspective: Painting FA1 (3)
 - ARTS-344 Ceramics Studio (3)
 - ARTS-420 Painting Studio (3)
 - ARTS-440 Sculpture Studio (3)
 - ARTS-460 Drawing Studio (3)
- 9 credit hours from the following:
 - Art history (ARTH) course (3)
 - COMM-100 Understanding Media FA4 (3)
 - COMM-105 Visual Literacy FA1 (3)
 - COMM-209 Communication and Society (3)
 - COMM-511 History of Documentary (3)
 - COMM-517 History of Cross-Cultural Cinema (3)
 - COMM-520 History of Animation (3)
 - COMM-527 History of Photography (3)
 - COMM-558 Survey of American Cinema (3)
 - PHIL-230 Meaning and Purpose in the Arts FA1 (3)

- 9 credit hours from the following:
ATEC-321 Sound Synthesis I (3)
ATEC-311 Sound Studio Techniques I (3)
COMM-434 Film and Video Production II (3)
COMM-516 Topics in Film and Media Arts (3):
The Radical Image
GDES-210 Typography I: Visible Language for
Publications and Media (3)
GDES-325 Kinetic and Sequential Graphics (3)
GDES-405 Experience Design: Interactive Media and
Mobile Devices (3)
LIT-446 Advanced Studies in Film (3) (approved topic)
PERF-110 Understanding Music FA1 (3)
PERF-115 Theatre: Principles, Plays, and
Performance FA1 (3)
PERF-260 Stagecraft (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Art History

- 18 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- 9 credit hours from the following:
ARTH-105 Art: The Historical Experience FA1 (3)
ARTH-205 Art of the Renaissance FA2 (3)
ARTH-210 Modern Art: Nineteenth and Twentieth
Centuries FA1 (3)
ARTH-225 Buddhist Arts of Asia FA1 (3)
- 9 credit hours at the 300-level or above
With approval of the art history advisor, two 3-credit courses taken through AU Abroad may be counted toward the minor requirements.

Minor in Graphic Design

- 21 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- COMM-330 Principles of Photography (3)
- GDES-200 Visual Communication Design FA1 (3)

- GDES-210 Typography I: Visible Language for
Publications and Media (3)
- GDES-220 Digital and Emerging Media Design I (3)
- 9 credit hours from the following:
GDES-230 Graphic Design History: Visual Culture,
Commerce, and Propaganda FA1 (3)
GDES-300 Typography II: Type and Image (3)
GDES-310 Design for Print: Digital and Analog Print
Production (3)
GDES-315 Digital and Emerging Media Design II (3)
GDES-320 Visual Concepts and Image Making
for Design (3)
GDES-325 Kinetic and Sequential Graphics (3)
GDES-350 Illustration (3)
GDES-400 Advanced Design I: Visual Branding and
Design Systems (3)
GDES-405 Experience Design: Interactive Media and
Mobile Devices (3)
GDES-420 Advanced Design II: Publication Design for
Print and Digital Media (3)
GDES-425 Interactive Experience Design: Senior Projects (3)
GDES-450 Packaging Design (3)

Minor in Studio Art

- 21 credit hours with grades of C or better and at least 12 credit hours unique to the minor
Specific requirements depend on the student's interest and area of concentration, which may include drawing, painting, printmaking, sculpture, ceramics, installation, or multimedia.

Course Requirements

- 21 credit hours from the following approved in advance by a studio faculty advisor:
ARTS-100 Art: The Studio Experience FA1 (3)
ARTS-205 The Artist's Perspective: Drawing FA1 (3)
ARTS-210 The Artist's Perspective: Painting FA1 (3)
ARTS-215 The Artist's Perspective: Sculpture FA1 (3)
ARTS-344 Ceramics Studio (3)
ARTS-420 Painting Studio (3)
ARTS-440 Sculpture Studio (3)
ARTS-460 Drawing Studio (3)
ARTS-463 Relief Printmaking Studio (3)
ARTS-464 Intaglio Studio (3)
or
- 22 credit hours from the following multimedia courses:
ARTS-205 The Artist's Perspective: Drawing FA1 (3)
ARTS-235 The Artist's Perspective: Video Art FA1 (3)
ARTS-470 Time-Based Studio (3)
ATEC-101 Fundamentals of Audio Technology (3) *and*
ATEC-102 Audio Technology Laboratory (1)
COMM-330 Principles of Photography (3)
COMM-331 Film and Video Production I (3)
GDES-220 Digital and Emerging Media Design I (3)

Master of Arts (MA) Art History

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants should hold a bachelor of arts degree from an accredited college or university. Admission is based on the academic record, Graduate Record Examination (GRE) scores, two letters of recommendation from professors with whom work was taken recently, a writing sample, and favorable judgement by the department graduate admissions committee.

Students whose records indicate a strong aptitude for graduate study, but whose undergraduate major was not in art history, will be required to complete at least 24 credit hours of art history before being considered for admission to the graduate program. At the department's discretion, students who have completed at least 18 credit hours of art history may be considered for admission and, if admitted, may complete the 6 credit hour deficiency during the course of their MA program.

The MA requires four semesters of full-time study. Part-time students are advised that the program cannot be completed through night courses only, and graduate courses, except independent study or internships, are not offered during the summer sessions.

The program prepares students for varied career options, including further study at the PhD level, teaching in high schools or community colleges, diverse types of museum work (curatorial, development, education, registrar, etc.), historical preservation research, library and archival positions, editing, and other employment opportunities.

Degree Requirements

- 30-36 credit hours of approved graduate work
For the 30-credit hour program, students take ten courses that focus on discipline-oriented, research-based academic offerings, including the option of a 3-credit internship.
The 36-credit hour program with a museum studies specialization requires two additional approved courses in museum studies, arts administration, conservation, or related fields.
Both programs provide excellent grounding in art historical methods, analytical skills, and research practices with conventional period specializations in European and American art from early Renaissance through contemporary, plus Asian art and other non-Western topics.
- Tool of research: intermediate-level French, German, or Italian must be demonstrated after 18 credit hours in the MA program through one of the following: four semesters of college-level language coursework, a written examination offered by the Department of World Languages and Cultures, or satisfactory completion of an approved graduate-level intensive reading course.
- One written comprehensive examination demonstrating knowledge of the candidate's major field (Renaissance/Baroque, Modern European, American/Contemporary, or Asian art). Exams are given twice a year, in January and May.

- Advancement to candidacy after completion of 18 credit hours with a grade point average of 3.00 or higher (on a 4.00 scale) and satisfactory completion of the comprehensive examination
- Master's thesis on approved research topic in student's area of specialization, developed under the supervision of faculty member in that area with second committee member from Art History faculty and optional third committee member from related area outside the Art History program

Course Requirements

- ARTH-500 Approaches to Art History (3)
- ARTH-792 Master's Thesis Research Seminar (3)
- ARTH-797 Master's Thesis Research (3)
- 9 credit hours (3 courses) in a field of specialization
- 12 credit hours (4 courses) in additional approved courses

Museum Studies Specialization

- 6 credit hours of approved coursework or internship

Master of Fine Arts (MFA) Studio Art

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants should hold a Bachelor of Arts (with a major in Fine Arts) or a Bachelor of Fine Arts. Under special circumstances, applicants without a BA or BFA degree or without a major in Fine Arts, but with outstanding artistic or professional qualifications, may be considered for admission.

Admission is based on academic record, two letters of recommendation, and a portfolio of at least twenty slides, including examples of drawings. A resume of the applicant's background should be included in the portfolio. Slide portfolios should be sent directly to the Department of Art. The department cannot be liable for loss or damage or for any transportation or mailing expense.

Degree Requirements

- 36 credit hours of approved graduate work
Additional studio (or art history) courses may be required to attain maturity and proficiency and to complete satisfactorily the comprehensives and thesis. The number and kinds of additional courses will be stipulated by the admissions committee at the time of admission.
- One public oral examination after completion of each semester of ARTS-797 Master's Thesis Seminar and mandatory attendance at all MFA in Studio Art public oral examinations
- A thesis exhibition of original works of art in the student's area of specialization executed independently by the student in consultation with a thesis committee of two or three faculty members. Written and photographic documentation of approved thesis is also required.
- Mandatory attendance at all visiting artist lectures and critiques

Course Requirements

Areas of Specialization

Drawing, Painting, Printmaking, Sculpture, or Installation

- ARTS-600 Twentieth Century Art Theory (3)
- ARTS-601 Contemporary Art Theory (3)
- ARTS-660 Research Practicum (3)
- ARTS-661 Professional Practices (3)
- ARTS-797 Master's Thesis Seminar (3) (12 credit hours total)
- 3 credit hours from the following:
 - graduate art history (ARTH) course
 - COMM-511 History of Documentary (3)
 - COMM-517 History of Cross-Cultural Cinema (3)
 - COMM-520 History of Animation (3)
 - COMM-527 History of Photography (3)
 - COMM-558 Survey of American Cinema (3)
- 6 credit hours from the following studio courses:
 - ARTS-620 Advanced Printmaking (3)
 - ARTS-630 Advanced Sculpture (3)
 - ARTS-660 Research Practicum (3)
 - ARTS-661 Professional Practices (3)
 - ARTS-670 Time-Based Studio (3)
- 3 credit hours from other graduate course approved by the department chair

Area of Specialization

Multimedia

- ARTS-600 Twentieth Century Art Theory (3)
- ARTS-601 Contemporary Art Theory (3)
- ARTS-610 Multimedia Seminar (3) (6 credit hours total)
- ARTS-797 Master's Thesis Seminar (3) (12 credit hours total)
- COMM-516 Topics in Film and Media Arts (3):
The Radical Image
- approved graduate course (3)
- 3 credit hours from the following:
 - graduate art history (ARTH) course
 - COMM-511 History of Documentary (3)
 - COMM-517 History of Cross-Cultural Cinema (3)
 - COMM-520 History of Animation (3)
 - COMM-527 History of Photography (3)
 - COMM-558 Survey of American Cinema (3)
- 3 credit hours from the following:
 - ARTS-660 Research Practicum (3)
 - ARTS-661 Professional Practices (3)
 - COMM-631 Film and Video Production I (4)
 - COMM-634 Film and Video Production II (4)
 - COMM-650 Digital Imaging (3)
 - COMM-652 Web Studio (3)
 - COMM-654 Motion Graphics and Effects I (3)

Asian Studies

Director Jin Y. Park (Philosophy and Religion)

Note: Faculty from other departments and schools of the university teach courses in the program.

Asian Studies is an interdisciplinary program whose curriculum combines a variety of courses offered by different departments in the College of Arts and Sciences and also courses from other schools at AU, including the School of International Service. Faculty teaching courses in Asian Studies are from different schools and departments. The list of faculty members of the Asian Studies program is available at the Asian Studies website.

Bachelor of Arts (BA) Asian Studies

The BA in Asian Studies aims to understand Asia in a dynamic global context. It enhances students' understanding of historical and contemporary global culture and politics by enabling students to engage with an extensive and intensive study of Asia in the past and present. Students explore the societies of East and South Asia and their global ramifications. The pro-

gram offers a lively academic study of Asia through interdisciplinary curriculum, internships, international exchange programs, and study abroad.

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale) and the approval of the program director.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better including at least 15 credit hours at the 300-level or above
- Demonstrate proficiency in at least one Asian language equivalent to two years of college-level study as certified by the Department of World Languages and Cultures

Course Requirements**Core Requirements (9 credit hours)**

- 3 credit hours in an approved introductory Asian studies course
- HIST-250 Empires and States in East Asia FA3 (3)
- PHIL-211 Introduction to Asian Philosophy (3)
or
RELG-210 Non-Western Religious Traditions FA3 (3)

Electives (12 credit hours)

- 12 credit hours from the following or other courses approved by the major advisor:
ANTH-230 India: Its Living Traditions FA3 (3)
ARTH-225 Buddhist Arts of Asia FA1 (3)
ARTH-320 Introduction to the Arts of Japan (3)
ECON-458 Economics of the World Regions (3) (approved topics)
HIST-214 History of the World Regions (3) (approved topics)
HIST-447 Asian Studies (3) (topics)
PHIL-418 Chinese Philosophy (3)
PHIL-419 Buddhist Philosophy (3)
RELG-473 Hinduism (3)
SISU-212 China, Japan and the United States FA3 (3)

Internship (3 credit hours)

- 3 credit hours in an approved internship
- Note:* With approval of the major advisor, up to an additional 3 credit hours of internship may also be applied toward the elective requirements.

Concentration (12 credit hours)

- 12 credit hours from the following or other approved upper-level courses, focusing on a concentration determined by the student's research interests; concentrations may be discipline-based (history and politics, arts and culture, philosophy and religion) or region-based (China, India, Japan, Korea):
ARTH-423 East-West Photography (3)
ARTH-424 Envisioning the Nation: Modern and Contemporary Art in Asia (3)
CHIN-308 Chinese Immersion: Folklore (1) (study abroad)
CHIN-309 Chinese Immersion: Popular Culture (1) (study abroad)
CHIN-310 Chinese Immersion: Social Issues (1) (study abroad)
ECON-458 Economics of the World Regions (3) (approved topics)
HIST-485 Hiroshima, Nagasaki & Beyond (3)
LIT-242 Chinese Literature and Society (3) (study abroad)

LIT-467 Advanced Studies in World Literature (3)
(approved topics)

PHIL-413 Studies in Asian Philosophy (3) (topics)

RELG-470 Islam (3)

Senior Capstone Project (3 credit hours)

- 3 credit hours in an approved capstone project course

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Undergraduate Certificate in Asian Studies**Admission to the Program**

Open to undergraduate degree and nondegree students.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 300-level or above, with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 12 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.
- Capstone: successful completion of a 3-credit hour Asian studies research project conducted under the supervision of an Asian studies faculty member. An independent study or Honors Capstone paper may be used to fulfill this requirement.
- Students must complete at least one year of language courses or the equivalent in Chinese, Hindi, or Japanese, or other languages with approval of the faculty advisor.

Course Requirements**Gateway Requirement**

- One of the following:
HIST-447 Asian Studies (3) (topics)
PHIL-413 Studies in Asian Philosophy (3) (topics)
SIS-567 International Relations of East Asia (3)

Concentration

- 9 credit hours from the following with at least one course from a department other than the one in which the student has a primary focus:
 - ANTH-230 India: Its Living Traditions FA3 (3)
 - HIST-447 Asian Studies (3) (topics) (if not used for Gateway requirement above)
 - PHIL-413 Studies in Asian Philosophy (3) (topics) (if not used for Gateway requirement above)
 - RELG-185 Forms of the Sacred: Religions of the East FA3 (3)
 - RELG-210 Non-Western Religious Traditions FA3 (3)
 - RELG-470 Islam (3)
 - RELG-473 Hinduism (3)
 - SISU-365 Topics in Identity, Race, Gender, and Culture: Middle East: The World of Islam (3)
 - SISU-212 China, Japan and the United States FA3 (3)
 - SIS-560 Chinese Foreign Policy (3)
 - SIS-561 Modern China (3)
 - SIS-562 Political Economy of China (3)
 - SIS-563 Japanese Foreign Policy (3)
 - SIS-564 Chinese Politics (3)
 - SIS-565 U.S. Economic Relations with Japan and China (3)
 - SIS-567 International Relations of East Asia (3) (if not used for Gateway requirement above)

Capstone

- 3 credit hours in an approved capstone project course

Graduate Certificate in Asian Studies

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution.

Certificate Requirements

- 15 credit hours of approved coursework, with at least 6 credit hours at the 600-level or above, with grades of C or better. Grades of C- or D in certificate program courses will not be accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the cumulative grade point average. Students must have at least a 3.0 grade point average in certificate courses in order to be awarded a certificate.

Students in certificate programs must take a minimum of 6 credit hours during each 12-month period after they are admitted. International students must enroll in 9 credit hours

each semester. All programs must be completed within four years. A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

- Capstone: successful completion of a 3 credit-hour Asian studies research project conducted under the supervision of an Asian studies faculty member. A Substantial Research Paper (SRP) or graduate independent study may be used to fulfill this requirement.
- Students must complete the Graduate Tool of Research Language Exam.

Course Requirements

Gateway Requirement

- One of the following:
 - HIST-647 Asian Studies (3) (topics)
 - PHIL-613 Studies in Asian Philosophy (3) (topics)
 - SIS-567 International Relations of East Asia (3)

Concentration

- 9 credit hours from the following with at least one course from a department other than the one in which the student has a primary focus:
 - HIST-647 Asian Studies (3) (topics) (if not used for Gateway requirement above)
 - PHIL-613 Studies in Asian Philosophy (3) (topics) (if not used for Gateway requirement above)
 - RELG-670 Islam (3)
 - RELG-673 Hinduism (3)
 - SIS-560 Chinese Foreign Policy (3)
 - SIS-561 Modern China (3)
 - SIS-562 Political Economy of China (3)
 - SIS-563 Japanese Foreign Policy (3)
 - SIS-564 Chinese Politics (3)
 - SIS-565 U.S. Economic Relations with Japan and China (3)
 - SIS-567 International Relations of East Asia (3) (if not used for Gateway requirement above)
 - SIS-676 Selected Topics in Cross-National Studies (3) (approved topic)

Capstone

- 3 credit hours in an approved capstone project course

Biology

Chair Colin Saldanha

Full-Time Faculty

Professor Emeritus/a W.C. Banta, E.J. Breyere, B.J. Clarke, R.H. Fox

Professor C. Saldanha

Research Professor D. Boness, B. Chambers, M. Connaughton, F. Ferari, R. Fleischer, R. McCarron, M. O'Neil, J. Norenburg, R. Taylor

Associate Professor D. Carlini, V. Connaughton, D.W. Fong, J. Kaplan, C. Schaeff

Assistant Professor K. De Cicco-Skinner, N. Krogan, C. Tudge

Professorial Lecturer S. Agolini, M. Bentley, J. D'Antonio, K. Walters-Conte

The Department of Biology provides courses in the life sciences, emphasizing advances in molecular genetics, embryology, development, and evolutionary biology. Faculty members conduct research in numerous areas including biodiversity, cave biology, cell biology, conservation biology, developmental biology, evolutionary ecology, immunology, marine science, marine mammals, microbiology, molecular genetics, neurobiology, oceanography, and vertebrate vision. Students are encouraged to participate in research projects at all levels. Students also have the opportunity to visit, observe, and intern at some of the nation's most prestigious biological research centers, including the National Institutes of Health (NIH), National Institute of Mental Health (NIMH), Smithsonian Institution, Environmental Protection Agency (EPA), National Oceanic & Atmospheric Administration (NOAA), National Aquarium in Baltimore, and the National Zoo.

The department has both undergraduate and graduate teaching laboratories as well as faculty research laboratories in which students are encouraged to learn. Students have the opportunity to gain experience with a wide variety of techniques including nucleic acid and protein isolation, DNA analysis and electrophoresis, bacterial and primary cell culture, stereo, compound, and fluorescent microscopy, and computer-assisted measurements with data analysis. The facilities of the Department of Biology such as the Digital Imaging Core Facility and cooperative agreements with various government laboratories make possible opportunities for research in environmental, ecological, marine, and biomedical sciences.

The Department of Biology offers the BS in Biology, and the MA or MS in Biology. An undergraduate minor in biology is also available. In collaboration with the Department of Sociology, a BA and BS in Public Health are offered, as well as a minor. The department provides basic training in the life sciences, emphasizing modern advances in the areas of molecular genetics, embryology and development, and evolutionary biology. In addition to training for a career or graduate study in biology, students are prepared for medical, dental, and veterinary schools. The Department of Biology offers courses that com-

bine traditional education with the training necessary for today's professional marketplace. The curriculum is designed to allow individuals maximum choice of course selection after departmental requirements have been met.

The graduate degree programs emphasize the development of research techniques. Research and teaching laboratories are well equipped and constantly upgraded. Students have the opportunity to gain experience in scientific methods and experimental design in the laboratory and in the field.

The premedical programs of the College of Arts and Sciences, including a Postbaccalaureate Premedical Certificate, are available to help all undergraduate, postbaccalaureate, and graduate students who are considering a career in medicine or one of the allied health professions.

Special Opportunities

- Gloria Likins Scholarship for Undergraduate Women
- Stephen C. Grebe Memorial Fund for Undergraduate Research
- Teaching fellowships or assistantships

Bachelor of Science (BS) Biology

Admission to the Program

Admission is through formal declaration of major. The department counsels freshmen and transfer students.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 72 credit hours with grades of C or better

Course Requirements

Departmental Requirements

- BIO-110 General Biology I FA5 (4)
- BIO-210 General Biology II FA5 (4)
- BIO-300 Cell Biology with Laboratory (4)
- BIO-356 Genetics with Laboratory (5)
- BIO-364 Evolution (3)
- BIO-499 Senior Seminar in Biology (3)
- 17 credit hours in biology or other courses approved by the department chair at the 300 level or above. Of these 17 credit hours, students may count no more than 3 credit hours from

the following; BIO-390 Independent Reading Course in Biology, BIO-490 Independent Study Project in Biology, BIO-491 Internship, CHEM-560 Biochemistry I, or PSYC-513 Neuropharmacology.

Related Requirements

- CHEM-110 General Chemistry I FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
- CHEM-310 Organic Chemistry I (3)
- CHEM-312 Organic Chemistry I Laboratory (1)
- CHEM-320 Organic Chemistry II (3)
- CHEM-322 Organic Chemistry II Laboratory (1)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- or*
- STAT-202 Basic Statistics (4)
- or*
- STAT-203 Basic Statistics with Calculus (4)
- PHYS-105 General Physics I FA5 (4)
- or*
- PHYS-110 Principles of Physics I FA5 (4)
- PHYS-205 General Physics II FA5 (4)
- or*
- PHYS-210 Principles of Physics II FA5 (4)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS and MA or MS in Biology

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BS in Biology and the MA or MS in Biology.

Requirements

- Undergraduate biology majors should apply for admission to the BS/Master's program by the end of the junior year. Admission is open to undergraduates whose overall grade point average and grade point average in biology course is 3.00 or higher. Applications must be accompanied by two letters of recommendation, a statement of purpose, and Graduate Record Examination (GRE) scores. Each student's file must be approved by the department's Graduate Studies Committee prior to the end of the junior year to assure adequate time to complete degree requirements for the program.

Students should discuss their interest in the program and their course schedules with members of the faculty before submitting a formal application. Interested students are encouraged to enroll in up to 3 credit hours of BIO-490 Independent Study Project to conduct independent study research before applying.

- All requirements for the BS in Biology
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework in biology, CHEM-560 Biochemistry I, and STAT-514 Statistical Methods to satisfy the requirements for both degrees.

All requirements for the MA or MS in Biology, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Biology

- 28 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- BIO-110 General Biology I FA5 (4)
- BIO-210 General Biology II FA5 (4)
- BIO-300 Cell Biology with Laboratory (4)
- BIO-356 Genetics with Laboratory (5)
- CHEM-110 General Chemistry I FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
- One additional upper-level Biology course approved by the department chair

Master of Arts (MA) Biology

This is a nonthesis degree for students seeking various life science professions, as additional training for students seeking admission to professional schools, or as an intermediate degree for those intending to pursue further graduate study.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must take the Graduate Record Examination, including the General Test and the Advanced Test in Biology. International applicants whose first language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL). Applicants must submit two letters of recommendation.

Degree Requirements

- 30 credit hours of approved graduate work
- Comprehensive examination
- Directed literature research (BIO-790) resulting in a significant paper reviewing some aspect of life science; the subject of this review paper is selected by the student subject to approval by the graduate studies committee and the chair of the department
- An oral report presented in the form of a public seminar on the topic of the review paper

Course Requirements

- BIO-566 Evolutionary Mechanisms (3)
- BIO-583 Molecular Biology (3)
- BIO-697 Research Methodology in Biology (3)
- BIO-790 Biology Literature Research (3)
- STAT-514 Statistical Methods (3) (satisfies tool of research requirement)
- An additional 15 hours of approved graduate coursework

**Master of Science (MS)
Biology**

This is a research degree that may serve as an intermediate degree for those intending to pursue further graduate study, as well as a necessary degree for a variety of careers in the life sciences.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must take the Graduate Record Examination, including the General Test and the Advanced Test in Biology. International applicants whose first language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL). Applicants must submit two letters of recommendation. Preference is given to applicants with a clear interest in working in the research laboratory of one of the full-time faculty members in the department.

Degree Requirements

- 30 credit hours of approved graduate work
- Comprehensive examination
- Advancement to candidacy, which requires the acceptance of a research proposal by the student's advisor, the graduate studies committee, and the chair of the department at least one semester prior to the oral defense of the thesis.
- Completion, oral defense, and the acceptance of thesis by the thesis committee, chair of the department, and the university

Course Requirements

- BIO-566 Evolutionary Mechanisms (3)
- BIO-583 Molecular Biology (3)
- BIO-697 Research Methodology in Biology (3)
- BIO-797 Master's Thesis Research (6)
- STAT-514 Statistical Methods (3) (satisfies tool of research requirement)
- An additional 12 hours of approved graduate coursework

**Master of Science (MS)
Professional Science: Biotechnology****Admission to the Program**

In addition to meeting the minimum university requirements for graduate study, applicants must have taken under-

graduate science courses appropriate to the concentration, or have significant practical background in a relevant science area. A cumulative undergraduate grade point average of 3.00 (on a 4.00 scale) is required. Specific courses needed to prepare for entering the program will be identified through interviews with the applicant.

Degree Requirements

- 36 credit hours of approved graduate work
- Tool of research: analytical courses (see Course Requirements, below)
- Capstone Experience: 6 credit hours in 600-level courses as approved by a faculty advisor, with grades of B or better
- Students participate in noncredit workshops and seminars on professional skills and current issues in science and technology. Students are required to demonstrate proficiency in these areas as part of the capstone project, internship, and compulsory presentation.

Course Requirements**Core (12 credit hours)**

- BIO-585 Bioinformatics (3)
- BIO-587 Genomics (3)
- BIO-589 Biotechnology (3)
- STAT-514 Statistical Methods (3)

Internship and Capstone Project (6 credit hours)

- BIO-690 Independent Study Project in Biology (3)
- BIO-691 Internship (3)

Entrepreneurship and Business Skills (9 credit hours)

- MGMT-660 Entrepreneurship and Innovation (3)
- MGMT-661 Entrepreneurship Practicum: New Venture Business Plan (3)
- 3 credit hours from the following:
 - FIN-630 Financial Analysis of the Firm: Concepts and Applications (3)
 - MGMT-611 Change and Innovation (3)
 - MGMT-633 Leading People and Organizations (3)
 - MKTG-632 Understanding the Marketplace and Consumer (3)

Electives (9 credit hours)

- 9 credit hours from the following:
 - BIO-501 Mechanisms of Pathogenesis (3)
 - BIO-505 Introduction to Neurobiology (3)
 - BIO-541 Cellular Immunology (3)
 - BIO-566 Evolutionary Mechanisms (3)
 - BIO-583 Molecular Biology (3)
 - BIO-650 Developmental Biology (3)
 - CHEM-560 Biochemistry I (3)
 - CHEM-561 Biochemistry II (3)
 - CHEM-565 Introduction to Proteomics (3)

Chemistry

Chair James E. Girard

Full-Time Faculty

Professor Emeritus D. Horton (Isbell Chair Emeritus)

Horace and May Isbell Chair J.E. Girard

Associate Professor Emeritus F.W. Carson

Associate Professor D. Fox, M. Konaklieva

Assistant Professor S. Costanzi, M. Hartings, A. Miller

Professorial Lecturer S. Dehghan, M. Dougherty

Chemistry is the science that deals with the composition of materials, their structures and properties, the transformations they undergo, and the energy changes that accompany these transformations. Areas of study include general, organic, physical, analytical, and inorganic chemistry, as well as biochemistry and earth science. Students are encouraged to participate in research projects at all levels.

Accredited by the American Chemical Society, the department offers programs leading to the BS and MS in Chemistry and the BS in Biochemistry. Besides training for a career or graduate study in chemistry, undergraduate students are prepared for medical or dental school, engineering programs, and other careers where technical expertise is needed. The department provides a personal, congenial environment where students can develop and pursue a flexible program of study designed to fulfill individual interests and needs.

The Department of Chemistry is equipped with standard chemical instrumentation, including spectrometers and chromatographic equipment. Laboratory facilities in the Beeghly Building include modern teaching and research laboratories as well as specialized laboratories established for research in biochemistry, polymer chemistry, and carbohydrate chemistry, and for work requiring an inert atmosphere. Graduate and undergraduate students are involved in a variety of research projects using the facilities of the department or through cooperative agreements with many governmental laboratories.

Faculty members are involved in conducting research in analytical chemistry, biochemistry, carbohydrate chemistry, inorganic chemistry, biotechnology, organic synthesis, and physical biochemistry. Laboratory research projects are available in our own well-equipped modern building and also at many world-renowned research laboratories in the Washington, DC area.

Research opportunities in the Washington area through internships, work-study programs, and special arrangements are available at the following laboratories: Center for Advanced Research in Biotechnology, Food and Drug Administration, National Institute of Standards and Technology, National Institutes of Health, Naval Medical Research Institute, Naval Research Laboratory, Naval Surface Weapons Laboratory, US Army Mobility Equipment Research and Development Command at Fort Belvoir, and the Walter Reed Army Institute of Research. Students who participate in these programs obtain

experience with specialized equipment and interact with research scientists outside the university.

The premedical programs of the College of Arts and Sciences, including a Postbaccalaureate Premedical Certificate, are available to help all undergraduate, postbaccalaureate, and graduate students who are considering a career in medicine or one of the allied health professions. For more information see Preprofessional Programs.

Special Opportunities

- Anthony M. Schwartz Undergraduate Research Fellowship
- Qualified junior and senior chemistry majors may conduct research under CHEM-390/490 Independent Study Project.
- A cooperative work-study program involving several research organizations is available through the Department of Chemistry. Undergraduate students work full time for six months and study at the university for five months.

Teaching Certification

Students interested in obtaining teaching credentials for grades 7–12 may take a 36-credit hour second major in secondary education or combine their undergraduate degree with the MAT degree with a concentration in secondary education. For information on admission and program requirements, see the School of Education, Teaching and Health secondary education programs.

Bachelor of Science (BS) Biochemistry

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale). The department counsels freshmen and transfer students, as well as declared biochemistry majors.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 74 credit hours with grades of C or better

Course Requirements

- BIO-110 General Biology I FA5 (4)
- BIO-210 General Biology II FA5 (4)
- BIO-300 Cell Biology with Laboratory (4)
- BIO-356 Genetics with Laboratory (5)

- BIO-583 Molecular Biology (3)
- CHEM-110 General Chemistry I FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
- CHEM-310 Organic Chemistry I (3)
- CHEM-312 Organic Chemistry I Laboratory (1)
- CHEM-320 Organic Chemistry II (3)
- CHEM-322 Organic Chemistry II Laboratory (1)
- CHEM-410 Biophysical Chemistry (3)
- CHEM-460 Instrumental Analysis (3)
- CHEM-560 Biochemistry I (3)
- CHEM-561 Biochemistry II (3)
- CHEM-571 Experimental Biological Chemistry I (3)
- CHEM-572 Experimental Biological Chemistry II (3)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- PHYS-110 Principles of Physics I FA5 (4)
- PHYS-210 Principles of Physics II FA5 (4)
- STAT-203 Basic Statistics with Calculus (4)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS in Biochemistry and MS in Chemistry

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BS in Biochemistry and the MS in Chemistry.

Requirements

- Undergraduate biochemistry majors should apply for admission to the BS/MS program by the end of the junior year. Admission is open to undergraduates whose overall grade point average and grade point average in chemistry courses is 3.00 or higher. Applications must be accompanied by two letters of recommendation and a statement of purpose. Students should discuss their interest in the program with members of the faculty before submitting a formal application. Interested students are encouraged to enroll in CHEM-490 Independent Study Project to conduct independent study research before applying.
- All requirements for the BS in Biochemistry Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework in chemistry and

STAT-514 Statistical Methods to satisfy the requirements for both degrees.

- All requirements for the MS in Chemistry, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Bachelor of Science (BS) Chemistry

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale). The department counsels freshmen and transfer students, as well as declared chemistry majors.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 72 credit hours with grades of C or better

Course Requirements

- CHEM-110 General Chemistry I FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
- CHEM-310 Organic Chemistry I (3)
- CHEM-312 Organic Chemistry I Laboratory (1)
- CHEM-320 Organic Chemistry II (3)
- CHEM-322 Organic Chemistry II Laboratory (1)
- CHEM-410 Biophysical Chemistry (3)
- CHEM-460 Instrumental Analysis (3)
- CHEM-510 Advanced Physical Chemistry (3)
- CHEM-540 Advanced Analytical Chemistry (3)
- CHEM-550 Advanced Inorganic Chemistry (3)
- CHEM-560 Biochemistry I (3)
- CHEM-561 Biochemistry II (3)
- CHEM-571 Experimental Biological Chemistry I (3)
- CHEM-572 Experimental Biological Chemistry II (3)
- CHEM-581 Experimental Chemistry I (3)
- CHEM-582 Experimental Chemistry II (3)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-313 Calculus III (4)

- PHYS-110 Principles of Physics I FA5 (4)
- PHYS-210 Principles of Physics II FA5 (4)
- At least 3 credit hours from the following:
 - CHEM-490 Independent Study Project (1–6)
 - CHEM-498 Honors: Senior Year (1–3)
 - CHEM-499 Honors: Senior Year (1–3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS and MS in Chemistry

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BS in Chemistry and the MS in Chemistry.

Requirements

- Undergraduate chemistry majors should apply for admission to the BS/MS program by the end of the junior year. Admission is open to undergraduates whose overall grade point average and grade point average in chemistry courses is 3.00 or higher. Applications must be accompanied by two letters of recommendation and a statement of purpose. Students should discuss their interest in the program with members of the faculty before submitting a formal application. Interested students are encouraged to enroll in CHEM-490 Independent Study Project to conduct independent study research before applying.
- All requirements for the BS in Chemistry
 - Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework in chemistry and STAT-514 Statistical Methods to satisfy the requirements for both degrees.
- All requirements for the MS in Chemistry, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Biochemistry

- 33 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- BIO-110 General Biology I FA5 (4)
- BIO-210 General Biology II FA5 (4)
- CHEM-110 General Chemistry I FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
- CHEM-310 Organic Chemistry I (3)
- CHEM-312 Organic Chemistry I Laboratory (1)
- CHEM-320 Organic Chemistry II (3)
- CHEM-322 Organic Chemistry II Laboratory (1)
- CHEM-560 Biochemistry I (3)
- CHEM-561 Biochemistry II (3)
- one course from the following:
 - BIO-300 Cell Biology with Laboratory (4)
 - CHEM-571 Experimental Biological Chemistry I (3)

Minor in Chemistry

- 25 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- CHEM-110 General Chemistry I FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
- CHEM-310 Organic Chemistry I (3)
- CHEM-312 Organic Chemistry I Laboratory (1)
- CHEM-320 Organic Chemistry II (3)
- CHEM-322 Organic Chemistry II Laboratory (1)
- 9 credit hours from the following with the approval of the department chair:
 - CHEM-410 Biophysical Chemistry (3)
 - CHEM-460 Instrumental Analysis (3)
 - CHEM-510 Advanced Physical Chemistry (3)
 - CHEM-540 Advanced Analytical Chemistry (3)
 - CHEM-550 Advanced Inorganic Chemistry (3)
 - CHEM-560 Biochemistry I (3)
 - CHEM-561 Biochemistry II (3)
 - CHEM-571 Experimental Biological Chemistry I (3)
 - CHEM-572 Experimental Biological Chemistry II (3)
 - CHEM-581 Experimental Chemistry I (3)

Master of Science (MS) Chemistry

Admission to the Program

Applicants must have earned a degree equivalent to fulfilling the requirements for a BS in Chemistry or Biochemistry with a 3.00 cumulative grade point average (on a 4.00 scale) in chemistry from a college accredited by the American Chemical Society or equivalent. Graduate Record Examination (GRE) scores are required. All applications must be approved by the faculty of the Department of Chemistry.

Degree Requirements

- 30 credit hours of approved graduate work
The entire course of study must constitute a unified program. Each student must have a proposed curriculum approved by the department's academic advisor and the department chair within one semester after entering the program.
- Tool of research: an examination in German, French, Russian, or statistics.
- One comprehensive examination
- Research requirement (with grades of B or better)
CHEM-797 Master's Thesis Research (6)
or
CHEM-797 Master's Thesis Research (3) *and*
CHEM-691 Internship in Chemistry (3)
A thesis of publishable quality based on original chemical laboratory research must be presented at a public seminar and defended before the student's committee immediately thereafter. A research proposal must be accepted by the

student's thesis committee at least one semester prior to the oral defense of the thesis.

Course Requirements

Skills Courses (9 credit hours)

- CHEM-602 Research Method Design (3)
- CHEM-605 Research Seminar (3)
- STAT-514 Statistical Methods (3) or skills course approved by advisor

Concepts Courses (15 credit hours)

- 15 credit hours from the following:
CHEM-510 Advanced Physical Chemistry (3)
CHEM-520 Advanced Organic Chemistry I (3)
CHEM-540 Advanced Analytical Chemistry (3)
CHEM-561 Biochemistry II (3)
CHEM-635 Topics in Biological and Organic Chemistry (3) (may be taken twice with different topic)
CHEM-655 Topics in Inorganic and Analytical Chemistry (3) (may be taken twice with different topic)
CHEM-662 Topics in Environmental Chemistry (3) (may be taken twice with different topic)

Research Courses (6 credit hours)

- CHEM-797 Master's Thesis Research (6)
or
CHEM-797 Master's Thesis Research (3) *and*
CHEM-691 Internship in Chemistry (3)

Computer Science

Chair U.J. Sofia

Full-Time Faculty

Professor Emeritus R.A. Bassler, T.J. Bergin, F.W. Connolly, M.A. Gray

Professor M. Owrang, A. Wu

Associate Professor S. Kruk

Assistant Professor M. Black

Computer Science programs prepare students for a wide range of career opportunities in software development, computer systems design, information technology, computational theory, and other technical computing professions. They ensure a balanced presentation of the practical and theoretical aspects of computer science and provide students with a background for professional employment or further graduate study in the discipline.

Bachelor of Science (BS) Computational Science

Computational science is a field in which computational simulation and modeling of systems are used to solve problems in engineering and natural and social sciences. Administered jointly by the Department of Computer Science and Department of Mathematics and Statistics, this program is recommended for students interested in a career in mathematical and computational techniques to solve problems and the use of these methods to advance other fields that require extensive computation and data analysis. Students in this program take foundation courses in mathematics and computer science and choose application areas including biology, chemistry, computer science, economics, environmental studies, finance, mathematics, physics, psychology, and statistics based on their interests. Students may also choose to pursue a double major or minor in the application area.

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.00 (on a 4.00 scale) and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 50 credit hours with grades of C or better

Course Requirements

Foundation Courses (44 credit hours)

- CSC-280 Introduction to Computer Science I (4)
- CSC-281 Introduction to Computer Science II (3)
- CSC/MATH-360 Tools of Scientific Computing (3)
- CSC-432 Introduction to Simulation and Modeling (3)
- CSC-493 Computer Science Capstone Project (3)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)
- MATH-313 Calculus III (4)
- MATH-560 Numerical Analysis: Basic Problems (3)
- STAT-202 Basic Statistics (4)
- one course from the following:
MATH-321 Differential Equations (3)
MATH-501 Probability (3)
STAT-302 Intermediate Statistics (3)

- one course from the following:
CSC-330 Organization of Computer Systems (4)
CSC-520 Algorithms and Data Structures (3)
CSC-570 Database Management Systems (3)

Application Area (6 credit hours)

- 6 credit hours at the 300-level or above as approved in an application area, including biology, chemistry, computer science, economics, environmental studies, finance, mathematics, physics, psychology, and statistics.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Science (BS) Computer Science

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.00 (on a 4.00 scale) and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 55 credit hours with grades of C or better

Course Requirements

Core Courses (32 credit hours)

- CSC-280 Introduction to Computer Science I (4)
- CSC-281 Introduction to Computer Science II (3)
- CSC-330 Organization of Computer Systems (4)
- CSC-493 Computer Science Capstone Project (6)
- CSC-520 Algorithms and Data Structures (3)

- CSC-521 Design and Organization of Programming Languages (3)
- CSC-565 Operating Systems (3)
- CSC-570 Database Management Systems (3)
- 3 credit hours of CSC-xxx courses above the 300- level approved by the student's advisor

Related Courses (11 credit hours)

- MATH-221 Calculus I (4)
or
MATH-221 Applied Calculus I (4)
 - MATH-222 Calculus II (4)
or
CSC-350 Introduction to Discrete Structures (3)
 - STAT-202 Basic Statistics (4)
- Concentration (12 credit hours)**
- 12 credit hours in a concentration, selected from the following or with approval of their academic advisor and the department students may design an individual sequence of courses. Examples of individually-designed concentrations include but are not limited to game programming, computer forensics, international services, neural sciences, physics, mathematics, economics, government computing, environmental studies, computer graphics design, bioinformatics, multimedia computing, or technical writing.

Computer Science

- 12 additional credit hours in CSC-xxx courses at the 300-level or above, or MATH-508, with approval of the academic advisor. No more than 3 credit hours of internship, independent study, or independent reading may be used to fulfill this requirement.

Consulting

- MGMT-353 Principles of Organizational Theory, Behavior and Management (3)
- MGMT-423 Managing Change and Innovation (3)
- MGMT-465 Negotiation (3)
- MGMT-484 Consulting and Project Management (3)

Entrepreneurship

- ACCT-240 Principles of Financial Accounting (3)
- FIN-365 Business Finance (3)
- MGMT-386 Entrepreneurship (3)
- MKTG-300 Principles of Marketing (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS and MS in Computer Science

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BS and MS in Computer Science.

Requirements

- Admission is open to undergraduate computer science majors with a minimum grade point average of 3.20. Applicants must have completed the following by the end of the junior year:
CSC-280 Introduction to Computer Science I
CSC-281 Introduction to Computer Science II
CSC-520 Algorithms and Data Structures
- All requirements for the BS in Computer Science
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements of both degrees.
- All requirements for the MS in Computer Science, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Computational Mathematics

Administered jointly by the Department of Computer Science and Department of Mathematics and Statistics.

- 24 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- CSC-280 Introduction to Computer Science I (4)
- CSC-281 Introduction to Computer Science II (3)
- CSC/MATH-360 Tools of Scientific Computing (3)
- CSC-432 Introduction to Simulation and Modeling (3)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)

Minor in Computer Science

- 19 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- CSC-280 Introduction to Computer Science I (4)
- CSC-281 Introduction to Computer Science II (3)
- 3 credit hours from the following:
CSC-100 Computers and Information (3)
ITEC-200 The Edge of Information Technology (3)
CSC-xxx course at the 300-level or above as approved by the student's advisor
- 9 credit hours in CSC-xxx courses at the 300-level or above as approved by the student's advisor

Master of Science (MS) Computer Science

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have adequate undergraduate preparation or experience in computer science. Students entering the program without the appropriate background will be expected to take certain undergraduate courses as a prerequisite. Applicants must submit scores from the Graduate Record Examination (GRE) aptitude test.

Degree Requirements

- 30 credit hours of approved graduate work
CSC-520, CSC-521, CSC-540, and all coursework for comprehensive, and thesis or nonthesis requirements must be passed with grades of B or better
- Comprehensive examination: satisfied by completion of CSC-694 Capstone Project or CSC-797 Master's Thesis Research in Computer Science with grades of B or better
- 6 credit hours of thesis or nonthesis option
Thesis option: CSC-797 Master's Thesis Research in Computer Science with grades of B or better and an oral defense of the thesis
Nonthesis option: 6 credit hours with grades of B or better from the following:
CSC-694 Capstone Project and 3 credit hours from the following:
CSC-636 Advanced Database Management
CSC-637 Database Administration
CSC-689 Topics in Computer Science
CSC-690 Independent Study in Computer Science

Course Requirements

- CSC-520 Algorithms and Data Structures (3) (or equivalent)
- CSC-521 Design and Organization of Programming Languages (3) (or equivalent)
- CSC-540 Computer System Organization and Programming (3) (or equivalent)
- CSC-565 Operating Systems (3)
- CSC-570 Database Management Systems (3)
- 9 credit hours from the following:
CSC-510 Legal Issues in Computing (3)
CSC-535 User Interface Analysis and Design (3)
CSC-543 Object-Oriented Analysis and Design (3)
CSC-544 Object-Oriented Programming (3)
CSC-546 Introduction to Computer Networks (3)
CSC-568 Artificial Intelligence (3)
CSC-589 Topics in Computer Science (3)
CSC-596 Selected Topics (with departmental approval)

- CSC-610 Introduction to Geographic Information Systems (3)
- CSC-636 Advanced Database Management (3) (if not used to fulfill nonthesis option requirement)
- CSC-637 Database Administration (3) (if not used to fulfill nonthesis option requirement)
- CSC-689 Topics in Computer Science (3)
- CSC-691 Internship (1-6)
- CSC-696 Selected Topics (with departmental approval)

Thesis or Nonthesis Option

- CSC-797 Master's Thesis Research in Computer Science (6)
or
CSC-694 Capstone Project (3) *and*
3 credit hours from the following:
CSC-636 Advanced Database Management (3)
CSC-637 Database Administration (3)
CSC-689 Topics in Computer Science (3)
CSC-690 Independent Study in Computer Science (1-6)

Graduate Certificate in Computer Science

Admission to the Program

Open to students with a bachelor's degree from an accredited institution and a course in calculus.

Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of B or better
Grades of C or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- CSC-520 Algorithms and Data Structures (3) (or equivalent)
- CSC-521 Design and Organization of Programming Languages (3)
- CSC-540 Computer System Organization and Programming (3)
- CSC-600 Simulation (3)
- 3 credits from the following:
CSC-689 Topics in Computer Science (3)
CSC-696 Selected Topics: Nonrecurring (3)

Economics

Chair Thomas A. Husted

Full-Time Faculty

Professor Emeritus/a B. Bergmann (Distinguished Professor Emerita), W.D. Bowles, T.F. Dermburg, R. Hahnel, P.C. Thanh, H.M. Wachtel, J.H. Weaver

Professor R.A. Blecker, I.E. Broder, R. Feinberg, A. Golan, T. Husted, R.I. Lerman, M. Meurs, W. Park, L. Sawers, J. Willoughby, P. Winters, J.D. Wisman

Associate Professor C. Callahan, M. Floro, M. Hansen, A. Isaac, K. Reynolds, M. Starr

Assistant Professor J. Dittmar, B. Gershman, B. Gunter, N. Larson, G. Mathy, N. Radtchenko, X. Sheng, R. Sonenshine, M. Yesuf

Economist in Residence C. Grown, E. Kraft

Professorial Lecturer D. Lin

The Department of Economics at American University emphasizes economic studies that enable graduates to participate actively in the process of finding answers to the important economic questions that face our society and other nations of the world. Emphasis is placed on viewing economic problems in both their domestic and international contexts.

The university's location in Washington, DC enables it to assist students and graduates in obtaining employment and internships in several of the world's most important economic institutions, including the World Bank, the International Monetary Fund, research institutes, and the treasury, labor, and commerce departments. Many of our graduates find policy-making positions in the public and private sectors of both the United States and other nations.

The Department of Economics adopts a pluralistic approach to economics education that includes neoclassical, Keynesian, and institutional economics as well as political economy. International economic issues receive special emphasis, as do such socially-important topics as the economics of gender. The neoclassical and Keynesian traditions form the core of economic theory that our majors are expected to master. The study of economic history, the history of economic thought, and alternative economic methodologies alert students to divergent perspectives and to the role of institutions. Courses in specialized fields deal with monetary economics, public finance, economic development, the structure of US industry, international trade and finance, and the economics of earnings and employment.

Economics programs are designed to allow students the flexibility of a double major with other departments in the College of Arts and Sciences or with programs in other schools within AU. Within the BA in Economics students choose the general or international track. Students in the BS in Economics program gain the analytic and quantitative skills necessary for research positions and Master's level study in Economics. The BS in Mathematics and Economics prepares students for a

broad range of experiences including PhD level work in economics.

The MA in Economics offers a general economics track as well as tracks in business economics, development economics, financial economic policy, and gender analysis in economics. An online track in applied economics will be available beginning May 2014. For more information on this program, please contact the Economics Department at econ@american.edu. The PhD in Economics offers a choice of theory tracks in microeconomics, macroeconomics, and heterodox economics, as well as a range of applied fields.

Study Abroad

American University's AU Abroad program offers study abroad programs in which students take courses, participate in internships, and interact with public officials and political leaders. Students wishing to use courses from study abroad programs to count as their capstone must obtain approval of the undergraduate advisor.

Honor Society

A chapter of Omicron Delta Epsilon, the economics honor society, is active on campus. Membership requires an overall grade point average of 3.25 and a grade point average of 3.50 in economics courses. Consult the undergraduate advisor for further eligibility requirements.

Special Opportunities

Several student prizes are awarded usually each spring:

The Robert T. Adams Scholarship in support of an outstanding student majoring in Economics with demonstrated financial need

The Ruth Dewey Meade Prize for undergraduate research

The Simon Naidel Prize for the best performance on a comprehensive examination in economic theory

The Frank Tamagna Prize for excellence in international finance and monetary economics

The José Epstein Prize in Development Economics

The James Weaver Prize for Excellence in Teaching

The Nikos G. and Anastasia Photias Prize for dissertation research

Bachelor of Arts (BA) Economics

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale) and the approval of the department undergraduate advisor.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Tracks

General or International

Major Requirements

- 37 credit hours with grades of C or better
No more than 6 of the 37 credit hours may be fulfilled by Washington Economic Policy Semester courses or economics courses from study abroad programs.
No more than 3 credit hours of independent reading and study courses or internships may be applied to the major.
Students may not receive credit for ECON-300 Intermediate Microeconomics and ECON-400 Intermediate Microeconomics with Calculus.
Students may not receive credit for ECON-301 Intermediate Macroeconomics and ECON-401 Intermediate Macroeconomics with Calculus.
- For the International track, demonstration of intermediate level or higher competence in one modern foreign language

Course Requirements

Core (16 credit hours)

- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)
- ECON-300 Intermediate Microeconomics (3)
or
ECON-400 Intermediate Microeconomics with Calculus (3)
- ECON-301 Intermediate Macroeconomics (3)
or
ECON-401 Intermediate Macroeconomics with Calculus (3)
- STAT-202 Basic Statistics (4)
or
STAT-203 Basic Statistics with Calculus (4)

Capstone (3 credit hours)

- One of the following:
ECON-480 Senior Research Seminar (3)
ECON-491 Internship (3)
ECON-492 Internship in Teaching Economics (3)
Study abroad course with emphasis in economics or political economy at the 300-level or higher (3)

Tracks (18 credit Hours)

General

- 18 credit hours in economics courses (ECON-xxx) at the 300 level or above
Note: Of these 18 credit hours, 3 credit hours at the 300-level may be taken outside of the Economics Department with the

advisor's approval if the course is closely related to economics.

Students may take no more than two of the following:

- ECON-361 Economic Development
 - ECON-362 Microeconomics of Economic Development
 - ECON-363 Macroeconomics of Economic Development
- Students may take no more than two of the following:
- ECON-370 International Economics
 - ECON-371 International Economics: Trade
 - ECON-372 International Economics: Finance

Note: Students may not receive major credit for both ECON-370 International Economics and SISU-300 Introduction to International Economics.

International

- ECON-371 International Economics: Trade (3)
- ECON-372 International Economics: Finance (3)
- One of the following:
ECON-351 Comparative Economics Systems (3)
ECON-361 Economic Development (3)
ECON-362 Microeconomics of Economic Development (3)
ECON-363 Macroeconomics of Economic Development (3)
ECON-458 Economics of the World Regions (3) (topics)
ECON-552 Economics of Transition (3)
- One of the following:
IBUS-300 Fundamentals of International Business (3)
SISU-320 Topics in Global Economy (3)
- 6 credit hours of additional economics courses (ECON-xxx) at the 300 level or above, excluding ECON-370 International Economics
Students may take no more than two of the following:
ECON-361 Economic Development
ECON-362 Microeconomics of Economic Development
ECON-363 Macroeconomics of Economic Development

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MA in Economics

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BA in Economics and the MA in Economics.

Requirements

- Interested students should apply to the program in their junior year. Students in this program will not be required to take the Graduate Record Examination (GRE). Students will be admitted formally to MA status only after they have completed all requirements for the BA in Economics with a cumulative grade point average of 3.00 or higher.
- All requirements for the BA in Economics
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework in economics to satisfy the requirements of both degrees.
- All requirements for the MA in Economics, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Bachelor of Science (BS) Economics

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale) and the approval of the department undergraduate advisor.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 48 credit hours with grades of C or better
No more than 6 of the 48 credit hours may be fulfilled by Washington Economic Policy Semester courses or economics courses from study abroad programs.
No more than 3 credit hours of independent reading and study courses or internships may be applied to the major.

Course Requirements

Core (30 credit hours)

- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)
- ECON-400 Intermediate Microeconomics with Calculus (3)
- ECON-401 Intermediate Macroeconomics with Calculus (3)
- ECON-322 Applied Econometrics I (4)
- ECON-505 Introduction to Mathematical Economics (3)

- MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)
- STAT-202 Basic Statistics (4)
or
STAT-203 Basic Statistics with Calculus (4)
- One of the following:
ACCT-240 Principles of Financial Accounting (3)
CSC-280 Introduction to Computer Science I (4)
MATH-222 Calculus II (4)
MATH-223 Calculus III (4)
MATH-310 Linear Algebra (3)
Capstone (3 credit hours)
- One of the following:
ECON-480 Senior Research Seminar (3)
ECON-491 Internship (3)
ECON-492 Internship in Teaching Economics (3)
Study abroad course with emphasis in economics or political economy at the 300-level or higher (3)
Electives (15 credit hours)
- 15 credit hours of additional economics courses (ECON-xxx) at the 300 level or above, excluding ECON-370 International Economics
Students may take no more than two of the following:
ECON-361 Economic Development
ECON-362 Microeconomics of Economic Development
ECON-363 Macroeconomics of Economic Development

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS and MA in Economics

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BS in Economics and the MA in Economics.

Requirements

- Interested students should apply to the program in their junior year. Students in this program will not be required to take the Graduate Record Examination (GRE). Students will be admitted formally to MA status only after they have completed all requirements for the BS in Economics with a cumulative grade point average of 3.00 or higher.

- All requirements for the BS in Economics
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework in economics to satisfy the requirements of both degrees.
- All requirements for the MA in Economics, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Bachelor of Science (BS) Mathematics and Economics

Admission to the Program

This program, offered jointly by the Departments of Economics and Mathematics and Statistics, is recommended for students interested in social science applications of mathematical concepts and for those interested in preparing for admissions to PhD programs in Economics. Formal admission to the major requires a grade point average of 3.00 (on a 4.00 scale) in the gateway courses and approval of the program coordinator.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 66 credit hours with a grade point average of 3.00
No more than 6 of the 66 credit hours may be fulfilled by Washington Economic Policy Semester courses or economics courses from study abroad programs.
No more than 3 credit hours of independent reading and study courses or internships may be applied to the major.

Course Requirements

Gateway Courses (18 credit hours)

- CSC-280 Introduction to Computer Science I (4)
- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)
- MATH-221 Calculus I (4)
- STAT-203 Basic Statistics with Calculus (4)
or
STAT-202 Basic Statistics (4) (with permission of department)

Core Courses (39 credit hours)

- ECON-400 Intermediate Microeconomics with Calculus (3)
- ECON-401 Intermediate Macroeconomics with Calculus (3)
- ECON-322 Applied Econometrics I (4)
- ECON-480 Senior Research Seminar (3)
or
ECON-424 Applied Econometrics II (3)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)
- MATH-313 Calculus III (4)
- MATH-501 Probability (3)
- MATH-503 Foundations of Mathematics (3)
- STAT-502 Introduction to Mathematical Statistics (3)
- Two of the following:
ECON-345/MATH-345 Introduction to Game Theory (3)
MATH-321 Differential Equations (3)
MATH-504 Advanced Calculus of Several Variables (3)
MATH-520 Introduction to Analysis (3)
STAT-525 Statistical Software (3)
STAT-584 Introduction to Stochastic Processes (3)

Electives (9 credit hours)

- 9 credit hours of additional Economics courses (ECON-xxx) at the 300-level or above, excluding ECON-370 International Economics

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS in Mathematics and Economics and MA in Economics

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BS in Mathematics and Economics and the MA in Economics.

Requirements

- Interested students should apply to the program in their junior year. Students in this program will not be required to take the Graduate Record Examination (GRE). Students will be admitted formally to MA status only after they have completed all requirements for the BA or BS in Economics with a cumulative grade point average of 3.00 or higher.

- All requirements for the BS in Mathematics and Economics
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework in economics to satisfy the requirements of both degrees.
- All requirements for the MA in Economics, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Economics

- 18 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)
- ECON-300 Intermediate Microeconomics (3)
or
ECON-400 Intermediate Microeconomics with Calculus (3)
- ECON-301 Intermediate Macroeconomics (3)
or
ECON-401 Intermediate Macroeconomics with Calculus (3)
- 6 additional credit hours in economics at the 300 level or above (not including independent study, Washington Semester courses, or internships). No more than 3 of these credit hours may be fulfilled by economics courses from study abroad programs.

Master of Arts (MA) Economics

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission is based on the academic record and two letters of recommendation. In general, a B+ average in undergraduate or previous graduate coursework is required. The Graduate Record Examination (GRE) general test is required. Admission is not automatic for students who qualify and may be limited by programmatic constraints.

A student whose undergraduate background does not meet the standards for admission may be considered for admission after completing 12 credit hours of approved graduate coursework in nondegree status with a grade point average of at least 3.50 (on a 4.00 scale). ECON-600, ECON-601, and ECON-505 must be taken within these 12 hours.

An online track in applied economics (see requirements below) will be available beginning May 2014. Switching between the online applied economics and the other MA tracks is not permitted. For more information on this program, please contact the Economics Department at econ@american.edu.

Tracks

General, Applied Economics, Development Economics, Financial Economic Policy, or Gender Analysis in Economics

Degree Requirements

- 30–36 credit hours of approved graduate coursework; including 9 credit hours of core courses in economic theory, 6 credit hours of econometrics, and 15–21 credit hours of other required courses or electives
Prerequisite credit (including ECON-603) does not count toward the degree. All courses must be taken for grades (the pass/fail option is not permitted). No more than 3 credit hours of ECON-691 Internship may be taken.
All courses must be approved by the student's advisor and fit into a coherent educational program developed by the student in consultation with the advisor.

- Capstone experience: one of the following:
Comprehensive examination in economic theory, which should be taken after completion of ECON-600 and ECON-601. Students are allowed a maximum of two attempts to pass the comprehensive examination
ECON-691 Internship (3) (Applied Economics track only)
ECON-680 Economics MA Capstone Seminar (3) (Applied Economics track only)

Course Requirements

Prerequisite Courses

- ECON-300 Intermediate Microeconomics (3) *and*
ECON-301 Intermediate Macroeconomics (3)
or
ECON-603 Introduction to Economic Theory (3)
 - MATH-221 Calculus I (4)
 - STAT-202 Basic Statistics (4)
- Waiver of these prerequisites may be granted for qualified persons with comparable prior education or experience.

Core (15 credit hours)

- ECON-505 Introduction to Mathematical Economics (3)
- ECON-600 Microeconomics (3) (Must be completed within the first 12 credit hours of the program.)
- ECON-601 Macroeconomics (3) (Must be completed within the first 12 credit hours of the program.)
- ECON-623 Applied Econometrics I (3)
- ECON-624 Applied Econometrics II (3)

Tracks (15–21 credit hours)

- 15–21 credit hours of approved graduate coursework in one of the following tracks:

General (15 credit hours)

- 15 additional credit hours of approved graduate coursework in economics; 3 credit hours may be taken outside the Economics Department with the advisor's approval.

Applied Economics (15 credit hours)

- 12 additional credit hours of graduate coursework in economics at the 500 level and above, as approved by the program director
- ECON-691 Internship (3)
or
ECON-680 Economics MA Capstone Seminar (3)

Development Economics (21 credit hours)

- ECON-662 Development Microeconomics (3)
 - ECON-663 Development Macroeconomics (3)
 - 15 credit hours from the following:
 - ECON-552 Economics of Transition (3)
 - ECON-579 Environmental Economics (3)
 - ECON-630 Monetary Economics (3)
 - ECON-633 Financial Economics (3)
 - ECON-634 Development Finance and Banking (3)
 - ECON-639 Policy Issues in Financial Economics (3)
 - ECON-658 Economics of the World Regions (3) (topics)
 - ECON-665 Project Evaluation in Developing Countries (3)
 - ECON-670 Survey of International Economics (3)*
 - ECON-671 International Economics: Trade (3)*
 - ECON-672 International Economics: Finance (3)*
 - ECON-673 Labor Economics (3)
 - ECON-674 Gender Perspectives on Economic Analysis: Microeconomics (3)
 - ECON-675 Gender Perspectives on Economic Analysis: Macroeconomics (3)
 - ECON-691 Internship (3)
- *Students may not receive credit for ECON-670 if they take either ECON-671 or ECON-672.
- The 15 credit hours may include up to 12 credit hours from the following:
- SIS-616 International Economics (3)
 - SIS-632 Microfinance: Concepts and Practical Tools (3)
 - SIS-635 Advanced Topics in Development Management (3)
 - SIS-637 International Development (3)
 - SIS-650 Global Economy and Sustainable Development (3)
 - SIS-651 Managing Economic Policy Reform (3)

Financial Economic Policy (21 credit hours)

- ACCT-607 Financial Accounting (3)
- ECON-633 Financial Economics (3)
- ECON-641 Policy Issues in Financial Economics (3)
- FIN-614 Financial Management (3)
- 9 credit hours from the following:
 - ECON-541 Public Economics (3)
 - ECON-547 Economics of Antitrust and Regulation (3)
 - ECON-634 Development Finance and Banking (3)
 - ECON-663 Development Macroeconomics (3)
 - ECON-672 International Economics: Finance (3)
 - ECON-691 Internship (3)
 - FIN-672 Investment Analysis and Portfolio Management (3)
 - FIN-674 Derivatives and Risk Management (3)
 - FIN-676 Financial Institutions (1.5)
 - IBUS-700 International Finance (3)
 - IBUS-701 International Banking (1.5)

Gender Analysis in Economics (21 credit hours)

- ECON-674 Gender Perspectives on Economic Analysis: Microeconomics (3)
- ECON-675 Gender Perspectives on Economic Analysis: Macroeconomics (3)
- 6 credit hours from the following:
 - ECON-551 Comparative Economic Systems (3)
 - ECON-552 Economics of Transition (3)
 - ECON-579 Environmental Economics (3)
 - ECON-620 Economic Thought (3)
 - ECON-633 Financial Economics (3)
 - ECON-634 Development Finance and Banking (3)
 - ECON-658 Economics of the World Regions (3) (topics)
 - ECON-662 Development Microeconomics (3)
 - ECON-663 Development Macroeconomics (3)
 - ECON-665 Project Evaluation in Developing Countries (3)
 - ECON-670 Survey of International Economics (3)
 - ECON-673 Labor Economics (3)
 - ECON-690 Independent Study Project in Economics (1–6)
- 9 credit hours from the following:
 - ANTH-635 Race, Gender and Social Justice (3) *or*
 - SOCY-635 Social Inequalities and Social Justice (3)
 - GOVT-686 Feminist Political Theory (3)
 - JLS-615 Law and Human Rights (3)
 - PHIL-616 Feminist Philosophy (3)
 - SIS-533 Population, Migration, and Development (3)
 - WGSS-600 Feminist, Gender, and Sexuality Theory (3)

**Master of Arts (MA)
International Economics**

Offered jointly by the College of Arts and Sciences Department of Economics and the School of International Service, this program offers a rigorous combination of theoretical, empirical, and policy-oriented courses in economics, political economy, and policymaking focused on international trade and finance. It prepares students to analyze the most important issues in today's global economy, including the macro- and microeconomic causes and consequences of trade and financial liberalization, exchange rate fluctuations, and capital-markets integration. The objective is to gain an in-depth understanding of the market, political, and other forces that have driven the economic globalization process, as well as the private and public actors and institutions shaping international trade and financial developments and policies.

During their course of study, students utilize state-of-the-art statistical software commonly used in applied economics research and policy analysis. The program culminates with a capstone experience addressing a major issue in contemporary international economics. Students are prepared for careers in government agencies, industry associations, financial institutions, multinational corporations, economic consulting firms, think tanks, multilateral institutions, and non-governmental organizations—whether in the United States or abroad.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least B+ (3.30 or higher on a 4.00 scale). Admission is based on the academic record, two letters of recommendation, and the Graduate Record Examination (GRE) general test. Non-native English speakers are required to submit the results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS), unless they hold a degree from a U.S.-accredited institution. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (IBT) or 600 on the paper-based test. The minimum IELTS score is 7.0.

Applicants must complete Calculus I (MATH-221), Basic Statistics (STAT-202), Intermediate Microeconomics (ECON-300), and Intermediate Macroeconomics (ECON-301), or their equivalents at other institutions, prior to enrollment in the program.

Degree Requirements

- 39 credit hours of approved graduate coursework, including 15 credit hours in economic theory, 9 credit hours in international economic theory and international trade and investment policy, 6 credit hours in research methodology, 6 elective credit hours, and a 3 credit hour capstone experience

Course Requirements

Core Courses (24 credit hours)

- ECON-505 Introduction to Mathematical Economics (3)
- ECON-600 Microeconomics (3)
- ECON-601 Macroeconomics (3)
- ECON-671 International Economics: Trade (3)
- ECON-672 International Economics: Finance (3)
- SIS-619 Special Studies in International Politics: International Political Economy (3)
- SIS-665 International Trade Relations (3)
- SIS-666 International Financial Relations (3)

Research Methodology (6 credit hours)

- ECON-623 Applied Econometrics I (3)
or
STAT-515 Regression (3)
- ECON-624 Applied Econometrics II (3)
or
STAT-522 Time-Series Analysis (3)
or
STAT-524 Data Analysis (3)

Elective Courses (6 credit hours)

- 6 credit hours of SIS courses at the 500 level or above, with approval of program director

Capstone Experience (3 credit hours)

- SIS-793 Practicum in International Affairs (3)
or
ECON-680 Economics MA Capstone Seminar (3)

Graduate Certificate in Applied Microeconomics

Admission to the Program

Open to students with a bachelor's degree from an accredited institution.

Certificate Requirements

- 18 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better
coursework includes 9 credit hours of core requirements and 9 credit hours of electives. Prerequisite credit does not count toward the certificate. All courses must be taken for grades (the pass/fail option is not permitted). Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

Prerequisite Courses

- ECON-300 Intermediate Microeconomics (3)
- ECON-301 Intermediate Macroeconomics (3)
- MATH-221 Calculus I (4)
- STAT-202 Basic Statistics (4)

Waiver of these prerequisites may be granted for qualified persons with comparable prior education or experience.

Core (9 credit hours)

- ECON-505 Introduction to Mathematical Economics (3)
- ECON-600 Microeconomics (3)
- ECON-623 Applied Econometrics I (3)

Electives (9 credit hours)

- 9 credit hours from the following, or other courses with departmental approval:
ECON-541 Public Economics (3)
ECON-546 Industrial Economics (3)
ECON-547 Economics of Antitrust and Regulation (3)
ECON-579 Environmental Economics (3)
ECON-630 Monetary Economics (3)
ECON-633 Financial Economics (3)
ECON-662 Development Microeconomics (3)
ECON-665 Project Evaluation in Developing Countries (3)
ECON-671 International Economics: Trade (3)
ECON-672 International Economics: Finance (3)
ECON-673 Labor Economics (3)
ECON-674 Gender Perspectives on Economic Analysis: Microeconomics (3)
ECON-675 Gender Perspectives on Economic Analysis: Macroeconomics (3)

Graduate Certificate in Gender Analysis in Economics

This certificate program is focused on the application of gender analysis to different fields of economics, including microeconomics, macroeconomics, labor economics, public finance, development, and international trade and investment, among others. It prepares graduate students and professionals for careers in higher education, domestic and international research institutions, and government agencies that require economic analysis from a gendered perspective.

Admission to Program

Open to students and professionals who have an MA in Economics or the equivalent, or have completed the following prerequisites:

- ECON-600 Microeconomics
- ECON-601 Macroeconomics
- ECON-623 Applied Econometrics I

Certificate Requirements

- 18 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- ECON-674 Gender Perspectives on Economic Analysis: Microeconomics (3)
- ECON-675 Gender Perspectives on Economic Analysis: Macroeconomics (3)
- 3 credit hours of economics electives from the following:
 - ECON-541 Public Economics (3)
 - ECON-551 Comparative Economic Systems (3)
 - ECON-552 Economics of Transition (3)
 - ECON-579 Environmental Economics (3)
 - ECON-620 Economic Thought (3)
 - ECON-630 Monetary Economics (3)
 - ECON-631 Financial Economics (3)
 - ECON-634 Development Finance and Banking (3)
 - ECON-658 Economics of World Regions (3) (topics)
 - ECON-662 Development Microeconomics (3)
 - ECON-663 Development Macroeconomics (3)
 - ECON-665 Project Evaluation in Developing Countries (3)
 - ECON-670 Survey of International Economics (3)
 - ECON-673 Labor Economics (3)
- 6 credit hours of non-economics electives from the following:

- ANTH-635 Race Gender and Social Justice (3)
- GOVT-683 Women, Politics and Public Policy (3)
- GOVT-686 Feminist Political Theory (3)
- JLS-615 Law and Human Rights
- PHIL-616 Feminist Philosophy (3)
- SIS-533 Population, Migration, and Development (3)
- WGSS-600 Feminist, Gender, and Sexuality Theory (3)

- 3 credit hours in a capstone or a research methods course from the following:

- ECON-624 Applied Econometrics II (3)
- ECON-690 Independent Study (3)
- SIS-634 Field Survey Research Methods (3)

Graduate Certificate in International Economic Relations

This program is administered jointly by the School of International Service and the College of Arts and Sciences (Department of Economics).

Admission to the Program

Open to students with a bachelor's degree from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose. For international students whose first language is not English, a score of at least 550 (213 on the computer version) on the Test of English as a Foreign Language (TOEFL) is required.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

Core (9 credit hours)

- ECON-603 Introduction to Economic Theory (3) (students with sufficient background in economics may substitute an additional economics course from the list of electives, below)
- ECON-670 Survey of International Economics (3)
 - or*
 - SIS-616 International Economics (3)
- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
 - or*
 - STAT-514 Statistical Methods (3)

Electives (6 credit hours)

- 3 credit hours from the following:
 - ECON-551 Comparative Economic Systems (3)
 - ECON-552 Economics of Transition (3)
 - ECON-658 Economics of the World Regions (3) (topics)
 - ECON-661 Survey of Economic Development (3)
- 3 credit hours from the following:
 - SIS-619 Special Studies in International Politics:
 - Global Economic Governance (3)
 - International Political Economy (3)
 - SIS-630 Economic Policy in the European Union (3)
 - SIS-665 International Trade Relations (3)
 - SIS-666 International Financial Relations (3)

Doctor of Philosophy (PhD) Economics

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must earn a satisfactory score on the Graduate Record Examination (GRE) general tests (verbal, math, analytical). Admission is based on academic record, test scores, and at least two letters of recommendation. Applicants who are not native speakers of English must submit the results of TOEFL (Test of English as a Foreign Language). In general, a B+ average for previous undergraduate work or a B+/A- average for previous graduate work, whichever is more recent, is the minimum required. (Most students admitted have higher grade averages.) As a rule, students are admitted for the fall semester only; application must be made by the previous February 1 in order to be considered for financial support.

Tracks

Microeconomics, Macroeconomics, or Heterodox Economics

Degree Requirements

- 51 credit hours of approved graduate coursework
 - With the permission of the program director and in accordance with university academic regulations, a maximum of up to 6 credit hours may be applied to the PhD program as transfer credit.
- Field Requirement
 - Students must take a major field and a minor field. Completing a major field requires grades of B- or better in two designated field courses from the list below and satisfactory completion of a written comprehensive examination. Completing a minor field requires grades of B- or better in two designated field courses from the list below or two other related courses approved by the program director. No course may be applied to two different fields, nor to satisfy both a field and another course requirement.

- Three written comprehensive examinations:
 - Preliminary theory: ECON-802 and ECON-803 must be completed before taking the examination
 - Advanced theory (one of the following):
 - Microeconomics*: ECON-810 and ECON-813 must be completed before taking the examination
 - Macroeconomics*: ECON-811 and ECON-812 must be completed before taking the examination
 - Heterodox*: ECON-810 and ECON-811 must be completed before taking the examination
 - One field comprehensive
- ECON-897 Doctoral Dissertation Seminar
 - Students must attend the dissertation seminar in their third year, or when they begin working on their dissertation proposal. Students complete 3-12 credit hours of ECON-897, which must be taken pass/fail, while they complete their dissertation proposals and prepare dissertations.
- Defense of dissertation proposal
 - Subject to applicable university academic regulations, the student obtains approval for the dissertation topic from an interested and eligible faculty member in the field who then becomes chair of the dissertation committee. The student must submit the dissertation committee for approval before the oral defense of the proposal. Students must successfully present and defend a dissertation proposal to an approved dissertation committee by the end of the fourth year.
- Dissertation and oral comprehensive
 - When the actual dissertation is nearly finished, an oral defense of the complete draft dissertation is held. Final approval of the dissertation depends on satisfactory completion of any changes required by the committee members following the oral defense. Dissertations are subject to all applicable university regulations.

Course Requirements**Core Doctoral Courses (24 credit hours)**

- ECON-618 Economic History of Europe and the World (3)
 - or*
 - ECON-619 U.S. Economic History (3)
- ECON-620 Economic Thought (3)
- ECON-802 Macroeconomic Analysis I (3)
- ECON-803 Microeconomic Analysis I (3)
- ECON-805 Mathematical Economic Analysis (3)
- ECON-823 Econometric Methods (3)
- ECON-824 Advanced Econometric Methods (3)
- ECON-882 Seminar in Empirical Macroeconomics (3)
 - or*
 - ECON-883 Seminar in Empirical Microeconomics (3)

Advanced Theory Courses (9 credit hours)

- Complete one of the following three tracks:

Advanced Microeconomics Track

- ECON-810 Micro Political Economy I (3)
- ECON-811 Macro Political Economy II (3)
- or
ECON-812 Macroeconomic Analysis II (3)

- ECON-813 Microeconomic Analysis II (3)

Advanced Macroeconomics Track

- ECON-810 Micro Political Economy I (3)
- or
ECON-813 Microeconomic Analysis II (3)

- ECON-811 Macro Political Economy II (3)
- ECON-812 Macroeconomic Analysis II (3)

Advanced Heterodox Track

- ECON-810 Micro Political Economy I (3)
- ECON-811 Macro Political Economy II (3)
- ECON-813 Microeconomic Analysis II (3)
- or
ECON-812 Macroeconomic Analysis II (3)

Fields (12 credit hours)

- 6 credit hours must be completed with grades of B- or better in one of the fields below, followed by successful completion of a comprehensive examination; 6 additional credit hours must be completed with grades of B- or better in another of these fields, or in an additional field approved by the PhD advisor. These additional fields may include comparative economic systems, econometrics, industrial organization, and public finance. No course may be applied to two different fields, nor to satisfy both a field and another course requirement.

Development Economics

- ECON-662 Development Microeconomics (3)
- ECON-663 Development Macroeconomics (3)

Economic History

- ECON-618 Economic History of Europe and the World (3) (if not used for core doctoral course requirement)
- or
ECON-619 U.S. Economic History (3) (if not used for core doctoral course requirement)

- ECON-878 Seminar in Economic History (3)

Gender Economics

- ECON-674 Gender Perspectives on Economic Analysis: Microeconomics (3)
- ECON-675 Gender Perspectives on Economic Analysis: Macroeconomics (3)

International Economics

- ECON-671 International Economics: Trade (3)
- ECON-672 International Economics: Finance (3)

Labor Economics

- ECON-673 Labor Economics (3)
- ECON-676 Labor Economics II (3)

Monetary Economics

- ECON-630 Monetary Economics (3)
- ECON-633 Financial Economics (3)

Research Seminars (6 credit hours)

- ECON-897 Doctoral Dissertation Seminar (3)
- One other doctoral-level seminar approved by department

School of Education, Teaching and Health

Dean Sarah Irvine Belson

Full-Time Faculty

Professor Emeritus/a C.A. Gross, V.E. Hawke, B.A. Hodinko, P.D. Leedy, N.J. Long, D. Sadker, M.J. Safrit, C.A. Tesconi, Jr., R. Whitfield

Professor F. Jacobs, R.C. Karch, V. Vasquez

Associate Professor Emeritus/a F.E. Huber, C.E. Messersmith, B.G. Coward, L. Fox, L.G. Nyce, B.J. Reimann

Associate Professor A. Anderson, S. Irvine Belson, A. Snelling

Assistant Professor I. Lancaster, P. Mehlert, S. Tate, S. Vassallo, E. Worden

Professorial Lecturer M. Maroto

Instructor J. Boyd, M. Maroto

In Residence D. Cambridge, M. Clark, M. Goldhammer, J. Percoco, M. Thompson

The School of Education, Teaching and Health (SETH) offers programs that prepare teachers, educational leaders and managers, educational specialists, health promotion leaders and managers, and researchers for careers in schools, colleges and universities, government agencies, business, and community and professional organizations. The academic programs provide students with opportunities to collaborate with professionals in a large array of organizations that complement their program of study. Further, international opportunities are available to students at the undergraduate and graduate levels. Degree programs can be completed on a full or part time basis, and knowledge is gained through community service, internships, practica, and related-research work.

The SETH faculty and programs demonstrate a commitment to the advancement of knowledge about the nature, function, and practice of education and health. Faculty conduct a wide range of research with emphasis on equity, gender, health promotion, multiculturalism, nutrition, socioeconomic status, learners with special needs, the infusion of technology into education, adult learning, and the relationship of government and public policy to education. Themes common to faculty research and programs include meeting the needs of special learners, improving the health of society, decreasing health disparities, research-informed policy development, as well as domestic and international formal and non-formal education. SETH is home to the Institute for Innovation in Education, the Collaborative for Urban Education Research and Development, and campus-wide collaborative projects on societal health research.

Students benefit from working with a highly qualified and dedicated faculty in small classes, and from opportunities to participate in ongoing faculty research aimed at influencing educational and health policy and practice. In our shared view, the fields of education, teaching and health encompass the entire

well-being of an individual-intellectually, emotionally, socially, environmentally, and spiritually.

Education and Teaching Programs

On the undergraduate level, the school offers a Bachelor of Arts in Elementary Education and a second major in Secondary Education, which lead to eligibility for certification to teach. Minors in education studies and special education are also offered.

A minor in education studies accommodates undergraduate students interested in the study of education as a liberal or social science discipline. It serves students who intend to pursue graduate study in education or related fields, those who wish to explore education and related fields, and those whose primary job and career opportunities are enhanced through the study of education. For students interested in broadening their knowledge and understanding of education for students with special needs, a minor in special education is also offered. Students who plan to pursue graduate education in this field are especially well served by this minor.

The school also offers graduate programs in education and programs that lead to K–12 certification. Students interested in teaching in elementary or secondary schools or in programs for English for speakers of other languages (ESOL) enroll in the Master of Arts in Teaching (MAT). A dual degree program leading to the MAT and the MA in International Peace and Conflict Resolution from the School of International Service is available. Those interested in working as special education teachers or in learning disabilities classrooms at all levels enroll in the MA in Special Education: Learning Disabilities. The MA in Bilingual Education provides candidates with an in-depth study of the field and opportunities for teacher licensure. The Master of Education (MEd) in Curriculum and Instruction is designed for students with a background in educational theory and practice and offers extended study in the field and in areas of literacy, global literacy, and educational policy and leadership. The MA in International Training and Education (ITE) program offers opportunities to study international education and education in development.

The Graduate Certificate in Teaching is designed for students with undergraduate or graduate degrees in the arts, sciences, or humanities and several years of responsible work experience. Students who complete the program and pass the appropriate teacher's examination are eligible to apply for certification (licensure) in the District of Columbia. Those with such certification are eligible for reciprocal certification in over 40 states. (Additional requirements might be mandated by other states for certification.)

Teacher Education Program

Selective admissions criteria allow the School of Education, Teaching and Health to emphasize early and sustained contact with children, youth, and adult learners. Students work closely with master teachers and clinical supervisors in their field placements in and around Washington, DC. The teacher prepa-

ration programs benefit from the rich resources of the Washington area, including opportunities for internships in settings such as DC Public Charter Schools, the Smithsonian National Museum of Natural History, and The Lab School of Washington, an internationally known school for students with learning disabilities.

Field Placements

Field experiences, practicum placements, and student teaching take place in the District of Columbia and the greater Washington metropolitan area, including Maryland and Virginia and are designed to give students experience in both urban and suburban schools. The director of the office of teacher education arranges assignments, taking into account student needs and preferences. Entry into initial field experiences and continuation into ongoing field experiences are subject to faculty review.

Accreditation and Certification

The School of Education, Teaching and Health is accredited by the District of Columbia State Board of Education and the National Council for the Accreditation of Teacher Education (NCATE).

The following certification programs have been approved by the District of Columbia Office of the State Superintendent of Education: biology (7-12 license), chemistry (7-12 license), early childhood education (preK-3 license), elementary education (1-6 license), English (7-12 license), English as a second language (K-12 license), foreign language: French, German, Spanish (K-12 license), health and physical education (K-12 license), mathematics (7-12 license), music (K-12 license), performing arts (7-12 license), physics (K-12 license), social studies (7-12 license), and studio art (7-12 license).

Students admitted to graduate teacher education programs may be required to complete additional coursework in order to be eligible for certification upon graduation. Students will be informed of additional requirements upon admission.

Ongoing Assessment of Academic and Professional Performance

Students are expected to maintain cumulative grade point averages specific to each program; receive satisfactory evaluations in field and methods placements; obtain a satisfactory annual evaluation from the Teacher Education Committee based upon academic, professional, and performance criteria established by the committee; meet specific course grade requirements; complete all Praxis I and subject area appropriate Praxis II examinations; and submit an electronic professional portfolio.

Students in the BA in Elementary Education program must maintain an overall cumulative grade point average of 2.70 or higher. Students in the undergraduate second major in Secondary Education must maintain an overall grade point average of 2.70 and 3.00 or higher in their primary major. Graduate students must maintain a cumulative grade point average of 3.00 or higher.

Report of American University State Assessments, Requirements, and Standards for Teacher Certification and Licensure, and Performance of Teacher Preparation Programs

In compliance with Section 207 of the Higher Education Act, American University is providing information regarding state assessments, other requirements, standards for teacher certification and licensure, and performance of teacher preparation programs.

American University's teacher preparation programs are approved by the District of Columbia and nationally accredited by the National Council for the Accreditation of Teacher Education (NCATE), the organization responsible for professional accreditation of teacher education.

There is a commitment to a strong general education foundation for students before their acceptance into the School of Education, Teaching and Health. Teacher preparation programs are organized around four interrelated principles (equity, community, diversity, and excellence) and are based on a conceptual framework that recognizes the importance of knowledge, beliefs, practice, and reflection.

In academic year 2011-2012, 425 students were enrolled in teacher preparation programs; 132 of these students were completing supervised student teaching programs. Fifty-nine faculty members including 13 full time faculty in professional education, and 46 part time faculty members (adjunct faculty) supervised and/or taught students in the teacher education program. The student/faculty ratio for field experiences was 3:1. The average hours per week required of students in the program was 35 hours per week over 14 weeks, for a total of 490 hours.

Aggregate and Summary of Institution-Level Pass-Rate Data: Regular Teacher Preparation Program for 2011–2012

Type of Assessment	Institutional Pass Rate	Statewide Pass Rate
Aggregate-Basic Skills	98%	96%
Summary	93%	91%

Aggregate and Summary of Institution-Level Pass-Rate Data: Alternative Route Teacher Preparation Program for 2011–2012

Type of Assessment	Institutional Pass Rate	Statewide Pass Rate
Aggregate-Basic Skills	99%	97%
Summary	91%	89%

Health Promotion Programs

Health issues have universal interest and appeal, transcending the boundaries of race, religion, culture, and national origin. Over the past two decades, the importance of maintaining or improving one's well-being through health-enhancing behaviors has become self evident. Responding to these developments, the School of Education, Teaching, and Health offers the following academic programs to students at American University:

- Minor in Health Promotion
- BS in Health Promotion
- MS in Health Promotion Management
- MS in Nutrition Education (Online)
- Graduate Certificate in Nutrition Education

Additionally, the health promotion undergraduate program offers a variety of health and fitness electives to American University students. These electives provide students with enjoyable opportunities to engage in physical activity through courses such as aerobic dance, weight training, yoga, golf, and many others. Exploratory courses within the field of health promotion are also open to all American University students, such as care and prevention of athletic injuries and sports psychology.

Students enrolled in American University's health promotion degree programs benefit from a strong alumni network that provides professional connections for informational interviews, internships, and occasional employment. Many alumni are employed locally, making networking opportunities highly accessible to students. Furthermore, the health promotion degree programs benefit from the Washington, DC location of well-known organizations whose purpose is to improve public health, such as specific departments of the federal government, national non-profits, and global corporations. In particular, our students have benefited from internships and presentations from organizations such as the National Cancer Institute, National Business Group on Health, Center for Science in the Public Interest, AARP, President's Council on Physical Fitness and Sports, and the National Coalition for Promoting Physical Activity. Finally, there are an abundance of annual conferences and meetings that take place in Washington, DC and are available to students at a free or reduced rate which offer students invaluable networking experience and enhanced learning.

For additional information contact 202-885-6254 or healthfitness@american.edu, or go to: www.american.edu/cas/seth/health/

Bachelor of Arts (BA) Elementary Education

Admission to Candidacy in Teacher Education

Undergraduates seeking teacher certification in elementary education should contact an advisor in the School of Education, Teaching and Health as early as possible. Admission to the university and declaration of a major does not constitute admission to candidacy in teacher education, which is based on academic and related performance criteria.

To be admitted to candidacy, students must earn a passing score (as set by the District of Columbia teacher licensing agency) on the PRAXIS I: Pre-Professional Skills Test (PPST); earn an average grade of 2.70 or higher in EDU-205 Schools and Society and EDU-420 Psychology of Education, pass EDU-321 Field Experience: Observation and Analysis, receive satisfactory recommendations from faculty, and have an overall cumulative grade point average of 2.70 or higher. The Teacher Education Committee reviews student applications. Decisions regarding admission to candidacy are made by this committee based on academic performance and references.

Liberal Arts and Science Requirements for Teacher Certification: Elementary

To qualify for teacher certification, students must have completed all of the requirements from the specific curricular areas listed below. Some requirements may overlap with the university General Education requirements. Consult a School of Education, Teaching and Health advisor for more information.

- Literature: 3 credit hours in addition to LIT-102
- The Arts: 3 credit hours
- Health: 3 credit hours
- United States history: 3 credit hours
- Social science: 3 credit hours
- Biological science: 3 credit hours
- Physical science: 3 credit hours

Note: biological or physical science must include a lab.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Note: Students must consult with an advisor from the School of Education, Teaching and Health as early as possible to discuss the coordination of General Education requirements with certification requirements.

Major Requirements

- 74 credit hours with grades of C or better, including 15 to 17 credit hours in a concentration
- An overall cumulative grade point average of 2.70 or higher
- All students must complete the Praxis II Exam prior to graduation.

Course Requirements

- EDU-205 Schools and Society FA4 (3)
- EDU-250 Mathematics for Elementary School Teachers I (3)
- EDU-251 Mathematics for Elementary School Teachers II (3)
- EDU-419 Children’s Literature: A Critical Literacy Perspective (3)
- EDU-321 Field Experience: Observation and Analysis (1)
- EDU-330 Instructional Strategies and Teaching Methods (3)
- EDU-371 Foundations of Reading Instruction (3)
- EDU-420 Psychology of Education (3)
- EDU-462 Classroom Management (3)
- EDU-492 Service Learning in Teacher Education (1)
- EDU-519 The Uses of Technology in Education (3)
- EDU-541 Foundations of Special Education for Exceptional Children (3)
- or*
- EDU-545 Overview of all Exceptionalities: The Arts in Special Education (3)
- EDU-552 Teaching Mathematics in Elementary Education (3)
- EDU-553 Teaching Language Arts in Elementary Education (3)
- EDU-554 Teaching Social Studies in Elementary Education (3)
- EDU-555 Teaching Reading in Elementary Education (3)
- EDU-556 Teaching Science in Elementary Education (3)
- EDU-499 Student Teaching Seminar in Professional Practice (12)

Concentration or Minor

- 15–17 credit hours in one of the following concentrations in Art, Biology, History, Literature, Mathematics, or Music; or with approval, students may complete a minor in place of the concentration:

Art (15 credit hours)

- ARTS-100 Art: The Studio Experience FA1 (3)
- One course from the following:
ARTH-105 Art: The Historical Experience FA1 (3)
ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3)
- Three courses from the following:
ARTS-205 The Artist’s Perspective: Drawing FA1 (3)
ARTS-210 The Artist’s Perspective: Painting FA1 (3)
ARTS-215 The Artist’s Perspective: Sculpture FA1 (3)

- ARTS-420 Painting Studio (3)
- ARTS-440 Sculpture Studio (3)
- ARTS-460 Drawing Studio (3)
- ARTS-463 Relief Printmaking Studio (3)
- ARTS-464 Intaglio Studio (3)

Biology (17 credit hours)

- BIO-110 General Biology I FA5 (4)
- BIO-210 General Biology II FA5 (4)
- Three courses from the following:
BIO-200 Structure and Function of the Human Body FA5 (3)
BIO-220 The Case for Evolution FA5 (3)
BIO-250 Oceanography FA5 (3)
ENVS-250 Living in the Environment FA5 (3)
BIO 300-level or above course, with advisor’s approval

History (15 credit hours)

- HIST-205 American Encounters: 1492–1865 FA2 (3)
- HIST-215 Social Forces that Shaped America FA2 (3)
- One course from the following:
HIST-100 History, Memory, and the Changeable Past FA2 (3)
HIST-110 Renaissance and Revolutions: Europe, 1400-1815 (3)
HIST-120 Imperialism in History FA3 (3)
HIST-210 Ethnicity in America FA4 (3)
HIST-220 Women in America since 1850 FA4 (3)
HIST-225 Russia and the Origins of Contemporary Eurasia FA3 (3)
HIST-235 The West in Crisis, 1900-1945 FA2 (3)
HIST-250 Empires and States in East Asia FA3 (3)
- One approved HIST-2xx course (3)
- One approved HIST-3xx course (3)

Literature (15 credit hours)

- LIT-120 Interpreting Literature FA1 (3)
- or*
- LIT-105 The Literary Imagination FA1 (3)
- Two courses from the following:
LIT-125 Great Books that Shaped the Western World FA2 (3)
LIT-210 Survey of American Literature I (3)
LIT-211 Survey of American Literature II (3)
LIT-220 Survey of British Literature I (3)
LIT-221 Survey of British Literature II (3)
- One course from the following:
LIT-225 The African Writer FA1 (3)
LIT-235 African-American Literature FA2 (3)
LIT-240 Asian American Literature FA2 (3)
LIT-245 The Experience of Poetry FA1 (3)
LIT-265 Literature and Society in Victorian England FA2 (3)
LIT-270 Transformations of Shakespeare FA1 (3)
- One approved LIT-3xx course (3)

Mathematics (17 credit hours)

- MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- Three approved courses at the 300-level or above

Music (16 credit hours)

- PERF-124 Music Theory I (3)
- PERF-227 Musicianship I (3)
- PERF-111 Class Piano Level I (1)
- PERF-114 Class Voice (1)
- MUS-122 Private Instrumental or Vocal Study (2) (four semesters for a total of 8 credit hours)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

**Bachelor of Science (BS)
Health Promotion**

The BS in Health Promotion provides rigorous academic preparation in the scientific and clinical knowledge of human anatomy and physiology, nutrition, exercise physiology, and health psychology combined with the aspect of health promotion communication and programming.

The program includes coursework from the Departments of Biology and Psychology along with a capstone internship experience. Experiential learning opportunities are available at federal government agencies, nonprofit organizations, and corporations that deal with health, education, and physical activity. This curriculum prepares students for a health promotion position in a corporate, community, commercial, or school environment, or for graduate work in a health-related field.

Admission to the Program

Formal admission to the major requires a grade point average of 2.70 (on a 4.00 scale) after the freshman year and departmental approval. In addition to the university requirements for transfer admission, applicants should have maintained a minimum grade point average of 2.70 (on a 4.00 scale). Students with a grade point average between 2.50 and 2.70 may be formally admitted to the major after completion of 15 credit hours with a minimum grade point average of 3.00.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 58 credit hours with grades of C or better

Course Requirements

- BIO-110 General Biology I FA5 (4)
- BIO-372 Human Anatomy and Physiology I (4)
- BIO-373 Human Anatomy and Physiology II (4)
- HFIT-205 Introduction to Nutrition FA5 (3)
- HFIT-240 Introduction to Health Promotion (3)
- HFIT-245 Multicultural Health FA4 (3)
- HFIT-250 Strategies in Stress Management (3)
- HFIT-325 Exercise Physiology (3)
- HFIT-335 Health Promotion Program Planning (3)
- HFIT-410 Health Promotion Management (3)
- HFIT-488 Senior Seminar (3)
- HFIT-491 Internship in Health Promotion (3)
- HFIT-540 Health Communication (3)
- PSYC-105 Psychology: Understanding Human Behavior FA4 (3)
- PSYC-333 Health Psychology (3)
- STAT-202 Basic Statistics (4)
- 6 credit hours in a concentration from the following or with approval of academic advisor:

*Allied Health**Corporate/Management**Health Promotion***University Honors Program**

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS in Health Promotion and MS in Health Promotion Management

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined

bachelor's/master's programs. For more information, see page 57 of this catalog.

This program allows qualified students to earn both a BS in Health Promotion and an MS in Health Promotion Management.

Requirements

- Undergraduates whose overall grade point average is 3.00 or higher will be considered for the combined program. Students should discuss their interest in the program with the academic advisor for the BS in Health Promotion program before submitting a formal application. The application for admission to the MS in Health Promotion Management program should be completed before the fall semester of their senior year.
- All requirements for the BS in Health Promotion
Undergraduate students may apply up to 12 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.
- All requirements for the MS in Health Promotion Management, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Secondary Education (second major only)

Admission to Candidacy in Teacher Education

The undergraduate program in Secondary Education is designed for students who wish to obtain teaching credentials in secondary education while completing their majors in the humanities, arts, natural and social sciences. To do so, students complete a second major in Secondary Education designed to meet certification requirements in the District of Columbia and make them eligible for certification in over 40 states. Students should consult with the director of Teacher Education to coordinate their general and subject-area certification requirements with other university and major requirements.

Undergraduates seeking teacher certification in secondary education should contact an advisor in the School of Education, Teaching and Health as early as possible. Admission to the university and declaration of a major does not constitute admission to candidacy in teacher education, which is based on academic and related performance criteria. To be admitted to candidacy, students must earn a passing score (as set by the District of Columbia teacher licensing agency) on the PRAXIS I: Pre-Professional Skills Test (PPST); earn an average grade of 2.70 or higher in EDU-205 Schools and Society and EDU-420 Psychology of Education, pass EDU-321 Field Experience: Observation and Analysis, receive satisfactory recommendations from faculty, and have an overall cumulative grade point average of 2.70 or higher. Secondary Education majors must also have a 3.00 grade point average in their primary major. The Teacher Education Committee reviews student applications and makes decisions regarding admission to candidacy.

Liberal Arts and Science Requirements for Teacher Certification: Secondary

To qualify for teacher certification, students must complete subject-area certification standards. These requirements may overlap with General Education requirements.

Major Requirements

- 37 credit hours with grades of C or better
- Completion of the major requirements with a cumulative grade point average of 3.00 in one of the following: American Studies; Art History; Anthropology; Biology; CLEG (Communication, Legal Institutions, Economics and Government); Chemistry; Economics; Environmental Studies; French Studies; Foreign Language and Communication Media; Justice; German Studies; Graphic Design; Health Promotion, History; International Studies; Language and Area Studies; Law and Society; Literature; Mathematics; Multimedia; Music; Statistics; Studio Art; Performing Arts: Theatre; Performing Arts: Music Theatre; Physics; Political Science; Spanish Studies; or Sociology.
- An overall grade point average of 2.70 with 3.00 or higher in their primary major.
- All students must complete Praxis II Exam prior to graduation.

Course Requirements

- EDU-205 Schools and Society FA4 (3)
- EDU-321 Field Experience: Observation and Analysis (1)
- EDU-420 Psychology of Education (3)
Note: EDU-205, EDU-321, and EDU-420 must be taken prior to application for admission to the Teacher Education Program.
- EDU-462 Classroom Management (3)
- EDU-492 Service Learning in Teacher Education (1)
- EDU-499 Student Teaching Seminar in Professional Practice (12)
- EDU-520 Reading, Writing, and Literature across the Curriculum (3)
- EDU-522 Principles of Effective Methods and Instruction (3)
- EDU-540 Methods, Materials, and Management in Secondary Education I (3)
or other methods courses offered by arts and sciences departments and approved by the SETH advisor
- EDU-541 Foundations of Special Education for Exceptional Children (3) *or*
EDU-545 Overview of all Exceptionalities: The Arts in Special Education (3)
- EDU-xxx elective (2–3) as approved by SETH advisor

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Minor in Education Studies

Note: Students must meet with the Director of Teacher Education before declaration of this minor.

- 21 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

Core Courses

- EDU-205 Schools and Society FA4 (3)
- EDU-420 Psychology of Education (3)

Elective Courses

- 6 credit hours from the following, or other EDU courses at the 200 or 300-level:
 - EDU-280 Social Justice and Urban Education (3)
 - EDU-285 Education for International Development FA3 (3)
- 6 credit hours from the following, or other EDU courses at the 400 or 500-level:
 - EDU-419 Children's Literature: A Critical Literacy Perspective (3)
 - EDU-490 Independent Study Project in Education (1-6) (permission of the SETH advisor required)
 - EDU-491 Internship in Education (1-6) (permission of the SETH advisor required)
 - EDU-519 The Uses of Technology in Education (3)
 - EDU-541 Foundations of Special Education for Exceptional Children (3) *or*
 - EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3)
- 3 credit hours from the following, or other education-focused electives approved by the SETH advisor:
 - PSYC-300 Memory and Cognition (3)
 - TESL-522 Language Acquisition (3)
 - TESL-528 Foundations of Bilingual Education (3)

Minor in Health Promotion

- 24 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- HFIT-200 Lifetime Health and Fitness (3)
- HFIT-205 Introduction to Nutrition FA5 (3)
- HFIT-240 Introduction to Health Promotion (3)
- HFIT-325 Exercise Physiology (3)
- HFIT-335 Health Promotion Program Planning (3)
- 9 credit hours from the following, approved by a department advisor:
 - HFIT-250 Strategies in Stress Management (3)
 - HFIT-270 First Aid, CPR and Medical Emergencies (3)
 - HFIT-323 Issues in Women's Health (3)
 - HFIT-410 Health Promotion Management (3)
 - HFIT-540 Health Communication (3)
 - HFIT-565 Quantitative Assessment (3)

Minor in Special Education

- 18 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- EDU-205 Schools and Society FA4 (3)
- EDU-420 Psychology of Education (3)
- EDU-502 Methods of Managing Students with Behavior Disorders (3)
- EDU-541 Foundations of Special Education for Exceptional Children (3)
 - or*
 - EDU-545 Overview of all Exceptionalities: The Arts in Special Education (3)
- 6 credit hours from EDU-490 Independent Study in Education (1-6) or EDU-491 Internship in Education (1-6) or other courses substituted with permission of the SETH advisor

Master of Arts (MA) Bilingual Education

The MA in Bilingual Education prepares educators and policymakers who plan to work both domestically and internationally in the field of bilingual education. The program provides candidates with up-to-date knowledge of the foundations, social contexts, and pedagogical approaches of bilingual education from an interdisciplinary and collaborative curriculum. In addition, the program creates conditions for students to gain hands-on experience in bilingual education through existing SETH and TESOL partnerships with schools and language education programs in the Washington, DC metropolitan area.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must earn a satisfactory score on the Graduate Record Exam (GRE). The GRE is required for applicants whose highest earned degree is a baccalaureate and may be required for students who have completed a master's degree.

Degree Requirements

- 33-36 credit hours of approved graduate coursework, including 15 credit hours in the core, completion of one of the approved tracks (TESOL or International Training and Education), and 3 credit hours in a capstone experience
 - Up to 6 credit hours may be transferred from relevant graduate level coursework completed at other accredited institutions, and approved by the program director at the time of admission.
- Program of study submitted by the end of the first semester of enrollment in the program and approved by the program director and the dean of the School of Education, Teaching and Health
- Capstone experience: complete one of the following:
 - EDU-685 Proseminar in International Education
 - TESL-620 English Language Teaching III

Course Requirements**Core (15 credit hours)**

Note: Successful completion of the core and a capstone experience also satisfies the requirements for the Certificate in Bilingual Education.

- EDU-650 International Perspectives on Bilingual Education Policy and Practice (3)
- EDU-651 Social Context of Bilingual Learners (3)
- TESL-500 Principles of Linguistics (3)
- TESL-522 Language Acquisition (3)
- TESL-528 Foundations of Bilingual Education (3)

Tracks

• 15-18 credit hours in one of the following tracks:
International Training and Education (15 credit hours)

- EDU-598 Comparative and International Education (3)
- EDU-610 Overview of Qualitative and Quantitative Research Strategies (3)
- EDU-612 Equity and Educational Opportunity (3)
- EDU-618 Human Growth and Development across the Life Span (3)

• EDU-642 Training Program Design (3)

TESOL (18 credit hours)

- TESL-501 English Language Teaching I (3)
- TESL-502 English Language Teaching II (3)
- TESL-527 Cultural Issues in the ESL/EFL Classroom (3)
- TESL-531 Language Assessment (3)
- TESL-541 Teaching Grammar (3)

or

TESL-542 Teaching Pronunciation: Theory and Practice (3)

- TESL-545 Curriculum and Materials Design (3)

or

TESL-554 Technology for Language Learning and Teaching (3)

Capstone Experience (3 credit hours)

- EDU-685 Proseminar in International Education (3)

or

TESL620 English Language Teaching III (3)

Master of Arts (MA)**International Training and Education****Admission to the Program**

In addition to meeting university requirements for graduate study, preference is given to applicants who have a minimum of six months intercultural and/or international experience as either a student or professional. Applicants must earn a satisfactory score on the Graduate Record Examination (GRE). Applicants are also required to submit two letters of recommendation from persons able to evaluate the applicant's potential for graduate study in international training and education and their intercultural experience. Applicants in foreign countries who are unable to take the GRE should contact the School of Education, Teaching and Health prior to applying for admission

to make alternative arrangements. All students whose first language is not English are required to take the Test of English as a Foreign Language (TOEFL).

Degree Requirements

- 36 credit hours of approved graduate work including 18 credit hours of core courses, 15 credit hours in an area of concentration, and 3 credit hours of research methodology. Students with extensive volunteer experience in development and training organizations such as the Peace Corps, VISTA, Americorp, etc., can earn up to 6 credit hours toward their degree. Students will be charged tuition for these credit hours.
- Comprehensive examination requirement is satisfied by successful completion of EDU-685 Proseminar: International Training and Education.

Course Requirements**Core (15 credit hours)**

- EDU-598 Comparative and International Education (3)
- EDU-612 Equity and Educational Opportunity (3)
- EDU-618 Human Growth and Development across the Life Span (3)
- EDU-642 Training Program Design (3)
- EDU-685 Proseminar in International Education (3)

Social Science Research Methodology Requirement (3 credit hours)

- EDU-610 Overview of Qualitative and Quantitative Research Strategies (3)
- Another graduate research methods course may be substituted with approval of the SETH dean

Area of Concentration (18 credit hours)

- 18 credit hours in one of the following areas or in an individually-designed program, in consultation with an advisor

International Development Education

- EDU-648 Education and Development: Sector Analysis (3)
- EDU-649 Nonformal Education and Development (3)
- 12 additional approved graduate credit hours

International Education Exchange

- EDU-614 International Education Exchange: Policies and Practices (3)
- EDU-647 Global and Multicultural Education (3)
- 12 additional approved graduate credit hours

Global Education

- EDU-619 Children's Literature: A Critical Literary Perspective (3)
- EDU-624 Language, Schooling, and Nation-Building (3)
- 12 additional approved graduate credit hours

Global Health

- HFIT-575 Global Health (3)
- HFIT-585 Global Health Policy (3)
- 12 additional approved graduate credit hours

Master of Arts (MA) Special Education: Learning Disabilities

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must earn a satisfactory score on the Graduate Record General Examination. To be admitted students must earn a passing score on the PRAXIS I: Pre-Professional Skills Test (PPST) as set by the District of Columbia.

Degree Requirements

- 36 credit hours of approved graduate work
Option to waive coursework: Students with the appropriate prior study or professional experience in the field of education may be permitted to waive up to 6 credit hours of coursework without replacement. The waiving of credit hours and the specific courses to be waived are determined and approved by the advisor and the SETH dean upon admission to a master's program. In addition, one of the following may be required: an assessment provided by an educational institution or organization which has criteria and evaluation procedures approved by the School of Education, Teaching and Health; or a portfolio developed in a one-credit independent study offered by SETH and submitted for evaluation and approval to the advisor and SETH dean.
- Comprehensive examination
- All students must complete the Praxis II Exam prior to graduation.

Course Requirements

- EDU-502 Methods of Managing Students with Behavior Disorders (3)
- EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3)
or
EDU-541 Foundations of Special Education for Exceptional Children (3)
- EDU-605 Methods of Psychoeducational Assessment for Learning Disabilities and Emotional Disturbance (3)
- EDU-606 Theories and Methods of Diagnostic and Remedial Mathematics (3)
- EDU-607 Research Seminar in Special Education (3)
- EDU-620 Theories of Educational Psychology and Human Development (3) (or an elective approved by the student's advisor)
- EDU-644 Language Development and Remediation (3)
- EDU-645 Learning Disabilities I (3)
- EDU-646 Learning Disabilities II (3)
- EDU-671 Foundations of Reading: Diagnosis and Remediation (3)
- EDU-792 In-Service Training Project (6)

Combined Bachelor's Degree and MA in Special Education: Learning Disabilities

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables highly qualified students to earn both a BA or a BS in a related discipline and the MA in Special Education: Learning Disabilities.

Requirements

- Students should apply to the master's program in the second semester of their junior year. Applicants must have a grade point average of 3.00 or higher in major and minor courses and must satisfactorily complete the following:
EDU-502 Methods of Managing Students with Behavior Disorders (3)
EDU-541 Foundations of Special Education for Exceptional Children (3)
or
EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3)
- All requirements for the BA or BS in the student's major
Undergraduate students may apply up to 9 credit hours from approved graduate-level courses, including EDU-502 and EDU-541 or EDU-545 to satisfy the requirements of both degrees.
- All requirements for the MA in Special Education: Learning Disabilities, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Master of Arts in Teaching (MAT)

The Master of Arts in Teaching is designed for the student with no previous background or preparation in education who wishes to acquire teaching certification in early childhood, elementary, or secondary education, or English for speakers of other languages.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must earn a satisfactory score on the Graduate Record Examination (GRE). Prior to admission, students must earn a passing score on PRAXIS I: Pre-Professional Skills Test (PPST) or other PRAXIS I equivalency assessments as set by the District of Columbia.

Students must have an earned bachelor's degree in the licensure subject area or 33 credit hours in the licensure subject area. A review of the undergraduate transcripts takes place upon admission.

Students seeking certification in English for speakers of other languages must be proficient in English. It is strongly recommended that native speakers of English have some background in at least one other language. International students are expected to demonstrate competence equivalent to a score of

600 or better on the Test of English as a Foreign Language (TOEFL) in order to be endorsed for certification.

Degree Requirements

- 36-39 credit hours of approved graduate work, including 30-33 credit hours of coursework and 6 credit hours of student teaching with required seminar.

Candidates must, over two semesters, successfully complete a practicum (15 hours/week) and student teaching (40 hours/week) field placement. Evaluation of practicum and student teaching will include observations from AU clinical faculty and local K-12 teachers.

Students' undergraduate transcripts will be evaluated individually; based on this evaluation, students may be required to take additional coursework to meet certification requirements.

Option to waive coursework: Students with the appropriate prior study or professional experience in the field of education may be permitted to waive up to 6 credit hours of coursework without replacement. The waiving of credit hours and the specific courses to be waived are determined and approved by the advisor and the SETH dean upon admission to a master's program. In addition, one of the following may be required: an assessment provided by an educational institution or organization which has criteria and evaluation procedures approved by the School of Education, Teaching and Health; or a portfolio developed in a one-credit independent study offered by SETH and submitted for evaluation and approval to the advisor and SETH dean.

- Comprehensive examination
- Students submit a professional teaching portfolio
- Completion of the Praxis II Exam prior to graduation

Course Requirements

All coursework must be approved by the director of the MAT program. Evaluation of field performance may involve videotaping of classroom teaching.

Core (9 credit hours)

- EDU-521 Foundations of Education (3)
- EDU-541 Foundations of Special Education for Exceptional Children (3)
- *or*
EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3)
- EDU-620 Theories of Educational Psychology and Human Development (3)
- *or*
EDU-618 Human Growth and Development across the Life Span (3)

Student Teaching (6 credit hours)

- EDU-699 Student Teaching Seminar in Professional Practice (6)

Early Childhood Education (24 credit hours)

- EDU-609 Effective Teaching for Diverse Students (3)

- EDU-619 Children's Literature: A Critical Literary Perspective (3)
- EDU-623 Topics in Literacy Education: Literacy, Technology, Media, and the Arts in Early Childhood Education (3)
- EDU-625 Advocacy and Leadership in Early Childhood Education (3)
- EDU-635 Theory and Curriculum in Early Childhood Education (3)
- 9 credit hours from the following:
ANTH-635 Race, Gender and Social Justice (3)
EDU-628 Topics in Early Childhood Education: Play and Learning (3)
EDU-647 Global and Multicultural Education (3)
SOCY-553 Intersectionality: Theory and Research (3)
TESL-527 Cultural Issues in the ESL/EFL Classroom (3)

Elementary Education (24 credit hours)

- EDU-519 Uses of Technology in Education (3)
- EDU-601 Teaching Reading in the Elementary School (3)
- EDU-602 Teaching Language Arts in the Elementary School (3)
- EDU-603 Teaching Mathematics in the Elementary School (3)
- EDU-604 Teaching Science in the Elementary School (3)
- EDU-608 Teaching Social Studies in the Elementary School (3)
- EDU-609 Effective Teaching for Diverse Students (3)
- EDU-619 Children's Literature: A Critical Literary Perspective (3)

Secondary Education in Social Studies, English, Mathematics, Biology, Chemistry, or Physics (24 credit hours)

- EDU-520 Reading, Writing, and Literature across the Curriculum (3)
- EDU-522 Principles of Effective Methods and Instruction (3)
- EDU-540 Methods, Materials, and Management in Secondary Education I (3) or other approved methods courses
- EDU-542 Methods, Materials, and Management in Secondary Education II (3)
- *or*
Other approved methods course
- 12 credit hours in four elective courses, normally with half taken in the academic discipline of the designated teaching area, and the other courses taken within the School of Education, Teaching and Health.

K-12 Education in Performing Arts, Art Studio, Spanish, French, Music, or Physical Education (24 credit hours)

- EDU-520 Reading, Writing, and Literature across the Curriculum (3)

- EDU-522 Principles of Effective Methods and Instruction (3)
- EDU-540 Methods, Materials, and Management in Secondary Education I (3) or other approved methods courses
- EDU-542 Methods, Materials, and Management in Secondary Education II (3)
or
Other approved methods course
- 12 credit hours in four elective courses, normally with half taken in the academic discipline of the designated teaching area, and the other courses taken within the School of Education, Teaching and Health.

Bilingual Education (21 credit hours)

- EDU-522 Principles of Effective Methods and Instruction (3)
- EDU-540 Methods, Materials, and Management in Secondary Education I (3)
- EDU-650 International Perspectives on Bilingual Education Policy and Practice (3)
- EDU-651 Social Context of Bilingual Learners (3)
- TESL-500 Principles of Linguistics (3)
- TESL-522 Language Acquisition (3)
- TESL-528 Foundations of Bilingual Education (3)

English for Speakers of Other Languages (24 credit hours)

- TESL-500 Principles of Linguistics (3)
- TESL-501 English Language Teaching I (3)
- TESL-502 English Language Teaching II (3)
- TESL-503 Structure of English (3)
- TESL-523 Second Language Acquisition (3)
- TESL-524 Reading and Writing in the ESL/EFL Classroom (3)
- TESL-527 Cultural Issues in the ESL/EFL Classroom (3)
- TESL-531 Language Assessment (3)

Ongoing Assessment of Academic and Professional Performance

Students must be admitted to the MAT program before enrolling in methods courses (EDU-601–609, EDU-522/EDU-540, or TESL-501/502). To enroll in EDU-699 Student Teaching Seminar in Professional Practice, students must receive a positive evaluation from the Teacher Education Committee based on established criteria, a grade of B- or better in EDU-521 Foundations of Education and EDU-620 Theories of Educational Psychology and Human Development, and grades of B or better in methods courses. Students must also earn a passing score (as set by the District of Columbia teacher licensing agency) on the PRAXIS I: Pre-Professional Skills Test (PPST).

Combined Bachelor’s Degree and Master of Arts in Teaching (MAT)

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined

bachelor’s/master’s programs. For more information, see page 57 of this catalog.

This program enables highly qualified students to earn both a BA or a BS in a related discipline and the Master of Arts in Teaching (MAT).

Requirements

- Students should apply to the master’s program in the second semester of their junior year. Applicants must have a grade point average of 3.00 or higher in major and minor courses and must satisfactorily complete the following:
EDU-521 Foundations of Education (3)
EDU-541 Foundations of Special Education for Exceptional Children (3)
or
EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3)
- All requirements for the BA or BS in the student’s major Undergraduate students may apply up to 9 credit hours from approved graduate-level courses, including EDU-502, and EDU-541 or EDU-545 to satisfy the requirements of both degrees.
- All requirements for the MAT, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master’s degree requirements within three years from the date of first enrollment in the master’s program.

Master of Arts in Teaching (MAT) and Master of Arts (MA) in International Peace and Conflict Resolution

Graduates receive an MA in International Peace and Conflict Resolution through the School of International Service and the MAT in secondary education through the School of Education, Teaching and Health.

Admission to the Program

Applicants must hold an accredited bachelor’s degree with a cumulative grade point average of at least a B+ (3.30 or higher on a 4.00 scale) and should have had at least 24 credit hours of social science coursework relevant to international studies. Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework specified at the time of admission.

Students must apply to both the School of International Service (SIS) and the School of Education, Teaching and Health (SETH) in the College of Arts and Sciences. Admission to either of the participating teaching units in no way implies admission to the other unit. For more information on admissions requirements, contact the SIS Graduate Admissions Office at 202-885-1646 or the SETH Teacher Education Office at 202-885-3720.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as

a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a US-accredited institution before enrollment. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Fall applicants should plan to take the appropriate test no later than December to ensure full consideration of the application by the January deadline.

For secondary education certification, students must have a bachelor's degree or 33 credit hours in the subject area they are seeking licensure. It is anticipated that students who complete the MA in International Peace and Conflict Resolution will have sufficient background to meet certification requirements in social studies. However, students who meet requirements for other subject areas will also be considered. Students will be notified at the time of admission concerning additional coursework required for state certification.

Degree Requirements

- 57 credit hours of approved graduate coursework with a cumulative grade point average of 3.00

Students must complete 9 credit hours in the education core courses, 12 credit hours in secondary education, 6 credit hours of student teaching, 3 credit hours of electives, 9 credit hours in peace and conflict resolution core courses to receive the MAT.

Students must complete 9 credit hours in peace and conflict resolution core courses, 3 credit hours in economics, 6 credit hours in methodology, 6 credit hours of electives, 3 credit hours in a capstone experience, and 12 credit hours in the education core/secondary education track to receive the MA in International Peace and Conflict Resolution.

In addition to intensive coursework and student teaching placements, students are also required to participate in an educational internship program. These field placements are carefully supervised and coordinated to meet state certification requirements.

- SIS Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.
Thesis: 6 credit hours of thesis credit and submission of the thesis
Substantial research paper requirement: 3 credit hours
Practicum: 3 credit hours
- Evidence of professional experience in the field:
Relevant internship or work experience must be certified.
- Proficiency in a modern foreign language
Research competence in English and another language relevant to the student's career objectives must be certified.
- Comprehensive examination for MAT
- Completion of the Praxis II Exam prior to graduation

Course Requirements

Education Core (9 credit hours)

- EDU-521 Foundations of Education (3)
- EDU-541 Foundations of Special Education for Exceptional Children (3)
or
EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3)
- EDU-620 Theories of Educational Psychology and Human Development (3)

Secondary Education Track (12 credit hours)

- EDU-520 Reading, Writing, and Literature across the Curriculum (3)
- EDU-522 Principles of Effective Methods and Instruction (3)
- EDU-540 Methods, Materials, and Management in Secondary Education I (3)

or

Other approved methods courses

- EDU-662 Classroom Management (3)

Education Elective (3 credit hours)

- 3 credit hours of approved elective coursework in education

Student Teaching (6 credit hours)

- EDU-699 Student Teaching Seminar in Professional Practice (6)

Peace and Conflict Resolution Core (9 credit hours)

- SIS-606 Culture and Peace and Conflict Resolution: Alternatives to Violence (3)
- SIS-607 Peace Paradigms (3)
- SIS-609 Conflict Analysis and Resolution: Theory and Practice (3)

Economics (3 credit hours)

- One of the following:
ECON-603 Introduction to Economic Theory (3)
SIS-673 Comparative Political Economy (3)
Approved course in economics (3)

Social Science Research Methodology (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
or
SIS-619 Special Studies in International Politics: Advanced Statistics, Research Design, and Research Methods for International Affairs (3)
- SIS-612 Research Seminar in Peace and Conflict Resolution (3)
or
Other approved methodology course appropriate to the student's research interests (3)

SIS Electives (6 credit hours)

- 6 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses from School of International Service

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
or
Substantial research paper or practicum requirement

**Master of Education (MEd)
Curriculum and Instruction**

The Master of Education (MEd) in Curriculum and Instruction is designed for those students with professional experience in education, as teachers, administrators, consultants, researchers, and organizers, who wish to extend their current knowledge and develop new skills and perspectives. Students develop skills in mentoring and instructing new teachers, developing assessments and evaluations for public and public charter schools and other educational organizations, and working to facilitate change and excellence in education. Program graduates are equipped to work in school systems, educational policy groups, government agencies, and research organizations, or continue on to PhD programs in education policy and research, educational leadership, literacy and reading, and related fields. Graduates in the policy and leadership track acquire in-depth knowledge of educational policy as well as practical experience in public, private, charter, and parochial schools. The literacy track prepares practicing teachers to become literary specialists by providing a thorough grounding in theory, principles, and current and emerging perspectives on literacy education. The literacy program provides critical insights about literacy across the life span, particularly in the context of emerging research and theoretical perspectives on teaching literacy, with special emphasis on the premises of multiple literacies. For classroom teachers, curriculum developers, and teachers, this program can extend the field of literacy beyond the traditional narrow focus on reading comprehension strategies to a greater understanding of navigating multiple literacy challenges in their classrooms.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must earn a satisfactory score on the Graduate Record Examination (GRE). The GRE is required for applicants whose highest earned degree is a baccalaureate and may be required for students who have completed a master's degree.

Degree Requirements

- 36 credit hours of approved graduate work
Up to 6 credit hours may be transferred from work completed at other institutions and approved by the program director at time of admission

- A program of study approved by the program director and the dean of the school must be submitted by the end of the first semester of enrollment in the program
- Comprehensive examination requirement satisfied through specified coursework: 3 credit hours of EDU-629 or EDU-691

Course Requirements

Core

- EDU-525 Principles of Educational Assessment and Evaluation (3)
- EDU-609 Effective Teaching for Diverse Students (3)
- EDU-683 Curriculum Design for the Classroom (3)
- EDU-687 Analysis of Learning and Learners (3)

Comprehensive Examination (3 credit hours)

- 3 credit hours from the following:
EDU-629 National Board for Professional Teaching Standards Preparation (1-3)
EDU-691 Internship (3) in an area of focus
EDU-797 Master's Thesis Research (3)

Social Science Methodology (3 credit hours)

- EDU-610 Overview of Qualitative and Quantitative Research Strategies (3)
- EDU-621 Topics in Social Science Research (1)

Area of Focus (18 credit hours)

Literacy

- EDU-619 Children's Literature: A Critical Literary Perspective (3)
- EDU-622 Language and Literacy Learning (3)
- EDU-623 Topics in Literacy Education (3)
- EDU-644 Language Development and Remediation (3)
or
EDU-671 Foundations of Reading: Diagnosis and Remediation (3)
- 6 credit hours from the following:
ANTH-537 Topics in Language and Culture (3)
ANTH-635 Race, Gender and Social Justice (3)
ANTH-637 Discourse, Text, and Voice (3)
EDU-565 Gender and Cultural Diversity in School (3)
EDU-623 Topics in Literacy Education (3)
EDU-644 Language Development and Remediation (3)
or
EDU-671 Foundations of Reading: Diagnosis and Remediation (3)
EDU-647 Global and Multicultural Education (3)
SOCY-553 Intersectionality: Theory and Research (3)
TESL-527 Cultural Issues in the ESL/EFL Classroom (3)

Educational Policy and Leadership

- EDU-631 Fundamentals of Management in Educational Organizations (3)
- EDU-632 Case Studies in Educational Management (3)
- EDU-633 Financing Educational Systems (3)
- EDU-634 Education and Public Policy (3)
- EDU-639 Effective Leadership Skills (3)
- EDU-666 Legal Issues in Education (3)

Educational Technology

- EDU-519 The Uses of Technology in Education (3)
- EDU-560 Advanced Technology in Education (3)
- 6 credit hours from the following:
 - COMM-652 Web Studio (3)
 - CSC-510 Legal Issues in Computing (3)
 - CSC-535 User Interface Analysis and Design (3)
 - CSC-589 Topics in Computer Science (3)
- 6 credit hours from the following:
 - BIO-650 Developmental Biology (3)
 - CSC-589 Topics in Computer Science (3)
 - EDU-603 Teaching Mathematics in the Elementary School (3)
 - EDU-604 Teaching Science in the Elementary School (3)
 - EDU-606 Theories and Methods in Diagnostic and Prescriptive Mathematics (3)
 - ENVS-580 Environmental Science I
 - MATH-580 Topics in Mathematics (3)
 - MATH-585 Mathematics Education (3)
 - Science content area elective

Master of Science (MS) Health Promotion Management

The primary objective of the MS in Health Promotion Management is to provide a competency-based, multidisciplinary academic program for individuals dedicated to assuming leadership positions within the health promotion industry. The curriculum integrates managerial skills with scientific and clinical knowledge of exercise physiology, human biochemistry, behavioral psychology, and nutrition. Students also select an area of emphasis in either corporate health, exercise physiology, global health, health communication, health policy, or nutrition education.

Admission to the Program

The program is open to students with varied undergraduate backgrounds and has few science-related academic prerequisites. The academic record and experience of each applicant will be thoroughly reviewed by the program director. The minimum university requirements for admission to graduate study are a bachelor's degree earned at an accredited college or university and a 3.00 cumulative grade point average (on a 4.00 scale) for the last 60 credit hours of undergraduate study. A satisfactory score on the Graduate Record Examination (GRE) is required for admission. Program prerequisites include human anatomy and physiology and exercise physiology. However, these courses can be taken after admission to the program. In-

ternational applicants who are fluent in written and spoken English are encouraged to apply. To be considered for admission, international applicants must meet university requirements for writing and speaking English.

Degree Requirements

- 40 credit hours of graduate work
- Tool of research: students must complete the tool of research examination or HFIT-565 Quantitative Assessment with a grade of B or better
- Thesis or internship option
- One written and one oral comprehensive examination

Course Requirements

- HFIT-510 Applied Human Physiology and Testing I (4)
 - HFIT-540 Health Communication (3)
 - HFIT-550 Programming for Health Promotion (3)
 - HFIT-555 Research Methodology (3)
 - HFIT-560 Health Promotion in Healthcare (3)
 - HFIT-565 Quantitative Assessment (3)
 - HFIT-618 Strategic Planning in Health Promotion (3)
 - HFIT-620 Critical Issues (3)
 - HFIT-645 Nutrition for Health (3)
 - HFIT-650 Behavior Change in Health Promotion (3)
 - HFIT-682 In-Service Training (3)
- or*
- HFIT-797 Master's Thesis Research (3)

• 6 credit hours in one of the following areas of emphasis:
Corporate Health

- HFIT-575 Global Health (3)
- MGMT-633 Leading People and Organizations (3)

Exercise Physiology

- HFIT-515 Applied Human Physiology and Testing II (3)
- 3 credit hours in approved graduate coursework in exercise physiology

Global Health

- HFIT-575 Global Health (3)
- HFIT-585 Global Health Policy (3)

Health Communication

- COMM-640 Principles of Strategic Communication (3)
- COMM-642 Strategic Communication Management (3)

Health Policy

- HFIT-575 Global Health (3)
- HFIT-580 Health Policy and Behavior Change (3)

Nutrition Education

- 6 credit hours from the following:
 - HFIT-570 Strategies for Weight Control (3)
 - HFIT-610 Lifecycle Nutrition (3)
 - HFIT-630 Nutrition Education Methods I (3)

Master of Science (MS) Nutrition Education

The online MS in Nutrition Education provides candidates with more focused theoretical and practical training in the field of nutrition. Graduates are able to develop programming and intervention skills related to nutrition, and to design and implement nutrition education programs in corporations, government organizations, schools, and universities. The program provides an education that balances scientific principles of nutrition with education and program planning for improved nutrition behavior. The program is aligned with established standards of the Certification for Nutrition Specialist Board and affords the opportunity to apply for licensure as a Certification Board of Nutrition Specialist with additional science coursework and field experience.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must provide transcripts of all college work demonstrating a cumulative grade point average of 3.00 (on a 4.00 scale) in the last 60 hours of undergraduate work and in all graduate work from an accredited institution of higher education, GRE scores, a statement of purpose, and two letters of recommendation.

Degree Requirements

- 30 credit hours of approved graduate coursework with grades of C or better, with at least 15 credits at the 600-level or above, and including 24 credits of core courses

Course Requirements

Core (24 credit hours)

- HFIT-540 Health Communication (3)
- HFIT-610 Life Cycle Nutrition (3)
- HFIT-625 Nutrition Epidemiology and Research Methods (3)
- HFIT-630 Nutrition Education Methods I (3)
- HFIT-640 Nutrition Education Methods II (3)
- HFIT-645 Nutrition for Health (3)
- HFIT-650 Behavior Change in Health Promotion (3)
- HFIT-660 Multicultural Health (3)

Electives (6 credit hours)

- 6 credit hours from the following:
HFIT-525 Health in the School Environment (3)
HFIT-530 Sports Nutrition (3)
HFIT-535 Global Nutrition (3)
HFIT-570 Strategies for Weight Control (3)
HFIT-655 Vitamins and Minerals (3)

Graduate Certificate in Bilingual Education

This certificate program prepares educators and policymakers who plan to work in the field of bilingual education both domestically and internationally. The program provides candidates with up-to-date knowledge of the foundations, social contexts, and pedagogical approaches of bilingual education from an interdisciplinary and collaborative curriculum. In addition, the program will create conditions for the students to gain hands-on experience in bilingual education through existing SETH and TESOL partnerships with schools and language education programs in the Washington, DC metropolitan area.

Admission to the Program

Applications must include transcripts of all college work, AARTS transcripts or equivalent, a cumulative grade point average of 3.00 (on a 4.00 scale) in the last 60 credit hours of undergraduate work and in all graduate work, a statement of purpose, and two letters of recommendations. Admission to the certificate program constitutes admission to the Bilingual Education Program.

Certificate Requirements

18 credit hours of approved graduate work, with grades of C or better

- Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 6 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- EDU-650 International Perspectives on Bilingual Education Policy and Practice (3)
- EDU-651 Social Context of Bilingual Learners (3)
- TESL-500 Principles of Linguistics (3)
- TESL-522 Language Acquisition (3)
- TESL-528 Foundations of Bilingual Education (3)
- One of the following:
EDU-652 Bilingual Education Capstone (3)
EDU-685 Proseminar in International Education (3)
EDU-699 Student Teaching Seminar in Professional Practice (6)
TESL-620 English Language Teaching III (3)

Graduate Certificate in Curriculum and Instruction

The curriculum and instruction certificate program is designed for students with an interest in expanding their teaching or supervision skills, but who are not currently pursuing a master's degree. Students select a focus including literacy, educational leadership, or educational technology.

Admission to the Program

Applications must include transcripts of all undergraduate and graduate coursework, a cumulative grade point average of 3.00 (on a 4.00 scale) in the last 60 credit hours of undergraduate work and in all graduate work, a statement of purpose, and two letters of recommendation.

Certificate Requirements

- 18 credit hours of approved graduate work with grades of B- or better, and at least 9 credit hours at the 600-level or above. Grades below B- in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 6 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

Literacy (18 credit hours)

- EDU-619 Children's Literature: A Critical Literary Perspective (3)
- EDU-622 Language and Literacy Learning (3)
- EDU-623 Topics in Literacy Education (3)
- EDU-644 Language Development and Remediation (3)
or
EDU-671 Foundations of Reading: Diagnosis and Remediation (3)
- 6 credit hours from the following:
ANTH-537 Topics in Language and Culture (3)
ANTH-635 Race, Gender and Social Justice (3)
ANTH-637 Discourse, Text, and Voice (3)
EDU-565 Gender and Cultural Diversity in School (3)
EDU-623 Topics in Literacy Education (3)
EDU-644 Language Development and Remediation (3)
or
EDU-671 Foundations of Reading: Diagnosis and Remediation (3)
EDU-647 Global and Multicultural Education (3)
SOCY-553 Intersectionality: Theory and Research (3)
TESL-527 Cultural Issues in the ESL/EFL Classroom (3)

Educational Policy and Leadership (18 credit hours)

- EDU-631 Fundamentals of Management in Educational Organizations (3)
- EDU-632 Case Studies in Educational Management (3)
- EDU-633 Financing Educational Systems (3)
- EDU-634 Education and Public Policy (3)
- EDU-639 Effective Leadership Skills (3)
- EDU-666 Legal Issues in Education (3)

Educational Technology (18 credit hours)

- EDU-519 The Uses of Technology in Education (3)
- EDU-560 Advanced Technology in Education (3)
- 6 credit hours from the following:
COMM-652 Web Studio (3)
CSC-510 Legal Issues in Computing (3)
CSC-535 User Interface Analysis and Design (3)
CSC-589 Topics in Computer Science (3)
- 6 credit hours from the following:
BIO-650 Developmental Biology (3)
CSC-589 Topics in Computer Science (3)
EDU-603 Teaching Mathematics in the Elementary School (3)
EDU-604 Teaching Science in the Elementary School (3)
EDU-606 Theories and Methods in Diagnostic and Prescriptive Mathematics (3)
ENVS-580 Environmental Science I (3)
MATH-580 Topics in Mathematics (3)
MATH-585 Mathematics Education (3)
Science content area elective

Graduate Certificate in Nutrition Education

The nutrition education certificate program is designed for students who have earned a bachelor's degree and are interested in expanding their work to include nutrition education or for professionals who are involved with creating programs and implementing policy to address the obesity epidemic. This certificate is closely aligned to the MS in Health Promotion Management, which educates students to be leaders in the field of health promotion. Select courses in the certificate program are offered online throughout the year; however other courses will be offered in the classroom.

Admission to the Program

Applications must include transcripts of all college work demonstrating a cumulative grade point average of 3.00 (on a 4.00 scale) in the last 60 hours of undergraduate work and in all graduate work. In addition, applicants are required to submit a statement of purpose and two letters of recommendation.

Certificate Requirements

- 18 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements,

although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

Core (12 credit hours)

- HFIT-570 Strategies for Weight Control (3)
- HFIT-610 Lifecycle Nutrition (3)
- HFIT-630 Nutrition Education Methods I (3)
- HFIT-645 Nutrition for Health (3)

Electives (6 credit hours)

- 6 credit hours from the following:
HFIT-510 Applied Physiology and Testing I (4)
HFIT-540 Health Communication (3)
HFIT-575 Global Health (3)
HFIT-580 Health Policy and Behavior Change (3)
HFIT-682 In-Service Training (3)

Graduate Certificate in Teaching

This teacher certification program is designed for students with bachelor's degrees in the arts, sciences, or humanities and several years of responsible work experience. Students complete the program and must pass certification (licensure) in the District of Columbia and through such certification are eligible for reciprocal certification in over 40 states. Some states may require additional courses or examinations. The certificate program may be taken in early childhood education, elementary, secondary, or English for Speakers of Other Language (ESOL) teaching.

Admission to the Program

Applications must include transcripts of all college work, AARTS transcripts or equivalent, a cumulative grade point average of 3.00 (on a 4.00 scale) in the last 60 credit hours of undergraduate work and in all graduate work, a statement of purpose, and two letters of recommendations. Admission to the certificate program constitutes admission to the Teacher Education Program. To be admitted students must earn a passing score on the PRAXIS I: Pre-Professional Skills Test (PPST) as set by the District of Columbia.

Certificate Requirements

- 27-33 credit hours of approved graduate work, including 6 credit hours of student teaching, with grades of C or better, and at least 9-12 credit hours at the 600-level or above
For secondary certification, specific coursework in the subject area to be taught may be needed to meet requirements for certification
- Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of

the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 6 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

- Students submit a professional teaching portfolio and complete the PRAXIS II exam prior to being awarded the certificate.

Course Requirements

All coursework must be approved by the director of Teacher Education. Evaluation of field performance may involve videotaping of classroom teaching.

Core (15 credit hours)

- EDU-521 Foundations of Education (3)
- EDU-541 Foundations of Special Education for Exceptional Children (3)
or
EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3)
- EDU-620 Theories of Educational Psychology and Human Development (3)
or
EDU-618 Human Growth and Development across the Life Span (3)
- EDU-699 Student Teaching Seminar in Professional Practice (6)

Early Childhood Education (18 credit hours)

- EDU-609 Effective Teaching for Diverse Students (3)
- EDU-621 Topics in Social Science Research (1) (three topics for a total of 3 credits)
- EDU-623 Topics in Literacy Education (3):
Literacy, Technology, Media, and the Arts in Early Childhood Education
- EDU-625 Advocacy and Leadership in Early Childhood Education (3)
- EDU-628 Topics in Early Childhood Education (3)
- EDU-635 Theory and Curriculum in Early Childhood Education (3)

Elementary (18 credit hours)

- EDU-601 Teaching Reading in the Elementary School (3)
- EDU-602 Teaching Language Arts in the Elementary School (3)
- EDU-603 Teaching Mathematics in the Elementary School (3)
- EDU-604 Teaching Science in the Elementary School (3)
- EDU-608 Teaching Social Studies in the Elementary School (3)
- EDU-609 Effective Teaching for Diverse Students (3)

Secondary Education (12 credit hours)

- EDU-520 Reading, Writing, and Literature across the Curriculum (3)
- EDU-522 Principles of Effective Methods and Instruction (3)
- EDU-540 Methods, Materials, and Management in Secondary Education I (3)
or other approved methods courses
- EDU-662 Classroom Management (3)

English for Speakers of Other Languages (ESOL) (15 credit hours)

- TESL-500 Principles of Linguistics (3)
- TESL-501 English Language Teaching I (3)
- TESL-523 Second Language Acquisition (3)
or
TESL-527 Cultural Issues in the ESL/EFL Classroom (3)
- TESL-524 Reading and Writing in the ESL/EFL Classroom (3)
- TESL-531 Language Assessment (3)

Ongoing Assessment of Academic and Professional Performance

To remain in the Teacher Education Program, certificate students must maintain a cumulative grade point average of 3.00; receive satisfactory evaluations in field and methods placements; obtain a satisfactory evaluation from the Teacher Education Committee based upon academic, professional, and performance criteria established by the committee; and meet specific course grade requirements. Students must also earn a passing score (as set by the District of Columbia teacher licensing agency) on the PRAXIS I: Pre-Professional Skills Test (PPST).

Admission to the MAT

Students in the certificate program seeking admission to the MAT degree program will be considered after satisfactory completion of up to 18 credit hours of coursework. A maximum of 21 credit hours earned in nondegree status in a completed certificate program may be applied to a graduate degree program.

Additional Information for Graduate Certificate in Teaching

Standard Occupation Classification (SOC) Codes

Early Childhood Education, CIP 13.1210

SOC 25-2011.00 Preschool Teachers, Except Special Education

SOC 25-2012.00 Kindergarten Teachers, Except Special Education

Elementary Education, CIP 13.1202

SOC 25-2021.00 Elementary School Teachers, Except Special Education

Secondary Education, CIP 13.1205

SOC 25-2031.00 Secondary School Teachers, Except Special and Vocational Education

English as a Second Language, CIP 13.1401

SOC 25-2012.00 Kindergarten Teachers, Except Special Education

SOC 25-2021.00 Elementary School Teachers, Except Special Education

SOC 25-2022.00 Middle School Teachers, Except Special and Vocational Education

SOC 25-2031.00 Secondary School Teachers, Except Special and Vocational Education

SOC 25-3011.00 Adult Literacy, Remedial Education, and GED Teachers and Instructors

Program Costs

Note: Tuition, fees, and costs of texts, supplies, and meal plans are subject to change.

Program	Estimated Costs of Tuition & Fees to Complete Certificate	Estimated Costs of Tuition & Fees per Credit Hour	Estimated Costs of Texts & Supplies per Class	Estimated Costs of Texts & Supplies to Complete Certificate
Bilingual Education	\$25,920	\$1,440	\$100	\$1,000
Early Childhood Education	\$43,200	\$1,440	\$100	\$1,000
Elementary Education	\$43,200	\$1,440	\$100	\$1,000
Secondary Education	\$34,560	\$1,440	\$100	\$800
English for Speakers of Other Languages	\$38,880	\$1,440	\$100	\$900
Nutrition Education	\$25,920	\$1,440	\$100	\$1,000

Environmental Science

Chair Albert M. Cheh

Full-Time Faculty

Professor A.M. Cheh, D.C. Culver

Associate Professor K. Kim

Assistant Professor S.E. MacAvoy, K.L. Kneec

The environment has become a nexus of a broad range of global issues including climate change, biodiversity loss, and resource competition. Environmental sustainability, which combines environmental, economic, and social considerations, provides a valuable and holistic framework for addressing many of these concerns, and applying that understanding appropriately and effectively in public discourse.

The goal of the Department of Environmental Science is to inspire and train leaders concerned about sustainability with the knowledge and critical thinking skills to make independent, rational decisions concerning current and emerging environmental issues. To this end, the department provides rigorous, interdisciplinary programs grounded in a sound, scientific understanding of how our natural world works. The Department of Environmental Science offers the BA in Environmental Studies, BS in Environmental Science, minor in environmental science, MS in Environmental Science, and Graduate Certificate in Environmental Assessment.

The BA in Environmental Studies builds upon a set of foundational courses in both the natural and social sciences. The student then chooses from an approved list of related courses spanning many disciplines, from all schools and colleges at AU, to create a program of study suited to his or her specific interests and professional goals. Students are also encouraged to gain practical field experience through an internship at one or more of the many public and private environmental organizations in the Washington, DC area. Graduates will be prepared for employment in a broad range of fields where scientific information is applied in the development and implementation of environmental policies.

The BS in Environmental Science draws principally from the natural sciences, including biology, chemistry, physics, and mathematics and statistics. In addition to classroom work, the program provides students with extensive training in both field and laboratory techniques applicable to the study of the natural environment. Students are strongly encouraged to seek research experience with faculty and engage in the creation of new scientific knowledge. Opportunities to carry out research at one of the many research institutions in the Washington, DC area are also available.

A minor in environmental science is also available for those interested in adding breadth to their standard science or social policy degrees. The minor prepares students for employment in environmental research, policy, or management, or for further graduate work in the natural or social sciences.

The MS in Environmental Science offers an opportunity to expand students' knowledge base for developing solutions to

environmental problems. The program provides two approaches: course-focused or research-focused. Students in the course-based program take a core set of science and statistics courses and a selection of complementary courses in environmental policy. Students are encouraged to gain practical field experience through an internship at one or more of the many public and private environmental organizations in the Washington, DC area. Students in the research-based program carry out research projects with faculty in the department, associated and affiliated faculty at AU, or at one of the many research institutions in the Washington, DC area. Graduates will be prepared to engage in high-level, environmental problem solving or pursue advanced studies in environmental science.

The Graduate Certificate in Environmental Assessment is designed to provide students with advanced understanding of the environmental impacts of human activities. The program emphasizes the generation, transport, fate, and impact of toxicants that affect the environment, with both domestic and international scope. Graduates will be prepared to characterize degraded environments and develop strategies for mitigation or remediation.

Bachelor of Arts (BA) Environmental Studies

Admission to the Program

Admission to the program is through formal declaration of the major through the Department of Environmental Science.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 69 credit hours with grades of C or better

Course Requirements

Core (51 credit hours)

Environmental Studies (18 credit hours)

- CHEM-330 Environmental Chemistry (3)
- ENVS-360 Environment and the Atmosphere (3)
- ENVS-470 Water Resources (3)
- ENVS-492 Senior Capstone in Environmental Studies (3)

- Two from the following:
ECON-379 Economics of Environmental Policy (3)
GOVT-370 Formation and Implementation of Environmental Policy (3)
GOVT-423 Advanced Studies in Public Policy: Conservation Politics (3)
SISU-240 International Development (3)

Natural Sciences and Mathematics (18 credit hours)

- BIO-110 General Biology I FA5 (4)
or
BIO-100 Great Experiments in Biology FA5 (4)
- BIO-210 General Biology II FA5 (4)
or
ENVS-250 Living in the Environment FA5 (3)
- CHEM-110 General Chemistry I FA5 (4)
or
CHEM-100 The Molecular World FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
or
ENVS-220 Energy and Resources FA5 (3)
- MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)

Social Sciences (15 credit hours)

- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)
- GOVT-110 Politics in the United States FA4 (3)
- SISU-105 World Politics FA3 (3)
- One of the following:
ANTH-334 Environmental Justice (3)
SOCY-389 Society and the Global Environment (3)

Related Course Requirements (18 credit hours)

Skills (3 credit hours)

- One of the following:
COMM-200 Writing for Communication (3)
CSC-310 Introduction to Geographic Information Systems (3)

Environmental Applications (12 credit hours)

- 12 credit hours from the following:
ANTH-334 Environmental Justice (3) (if not taken for core requirement)
BIO-250 Oceanography FA5 (3)
BIO-323 Introduction to Ecology (3)
BIO-340 Marine Biology (3)
BIO-342 Marine Mammals (3)
BIO-440 Microbiology with Laboratory (4)
BIO-562 Field Methods (3)

- CHEM-310 Organic Chemistry I (3) *and*
CHEM-312 Organic Chemistry I Laboratory (1)
- CHEM-320 Organic Chemistry II (3) *and*
CHEM-322 Organic Chemistry II Laboratory (1)
- ECON-379 Economics of Environmental Policy (3) (if not taken for core requirement)
- ENVS-520 Biogeochemistry (3)
- ENVS-572 Topics in Conservation Biology (3)
- ENVS-580 Environmental Science I
- ENVS-581 Environmental Science II
- ENVS-582 Environmental Law (3)
- GOVT-370 Formation and Implementation of Environmental Policy (3) (if not taken for core requirement)
- GOVT-423 Advanced Studies in Public Policy: Conservation Politics (3) (if not taken for core requirement)
- PHYS-105 General Physics I FA5 (4)
or
PHYS-110 Principles of Physics I FA5 (4)
- PHYS-205 General Physics II FA5 (4)
or
PHYS-210 Principles of Physics II FA5 (4)
- SISU-240 International Development (3) (if not taken for core requirement)
- SOCY-389 Society and the Global Environment (3) (if not taken for core requirement)

Other courses may be substituted with approval of the Environmental Studies department.

Experiential Learning (3 credit hours)

- A maximum of 3 credit hours from:
ENVS-490 Independent Study Project in Environmental Studies (1–6)
ENVS-491 Internship in Environmental Studies (1–6)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Science (BS) Environmental Science

Admission to the Program

Admission to the program is through formal declaration of the major through the Department of Environmental Science.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 73 credit hours with grades of C or better

Course Requirements

Environmental Science (19 credit hours)

- ENVS-150 Sustainable Earth FA5 (4)
- ENVS-300 Conservation (3)
- ENVS-350 Environmental Geology (3)
- ENVS-360 Environment and the Atmosphere (3)
- ENVS-470 Water Resources (3)
- ENVS-492 Senior Capstone in Environmental Studies (3)

Natural Sciences and Mathematics (39 credit hours)

- BIO-110 General Biology I FA5 (4) *and*
BIO-210 General Biology II FA5 (4)
or
PHYS-110 Principles of Physics I FA5 (4) *and*
PHYS-210 Principles of Physics II FA5 (4)
- CHEM-110 General Chemistry I FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
- MATH-221 Calculus I (4)
or
MATH-222 Calculus I (4)
- STAT-202 Basic Statistics (4)
- STAT-302 Intermediate Statistics (3)
- 12 additional credit hours at the 300-level or above in BIO, CHEM, ENVS, MATH, STAT, or PHYS courses with departmental approval

Social Sciences (9 credit hours)

- COMM-200 Writing for Communication (3)
- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)

Skills (3 credit hours)

- CSC-310 Introduction to Geographic Information Systems (3)

Experiential Learning (3 credit hours)

- A maximum of 3 credit hours from:
ENVS-490 Independent Study Project in Environmental Studies (1–6)
ENVS-491 Internship in Environmental Studies (1–6)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Environmental Science

Requirements

- A minimum of 22 credit hours with grades of C or better with at least 12 credit hours unique to the minor

Course Requirements

- CHEM-110 General Chemistry I FA5 (4)
- CHEM-210 General Chemistry II FA5 (4)
- ENVS-102 Seminar in Environmental Issues (1)
- ENVS-350 Environmental Geology (3)
- ENVS-360 Environment and the Atmosphere (3)
- ENVS-470 Water Resources (3)
- MATH-211 Applied Calculus I (4) *or*
MATH-221 Calculus I (4)
- Students whose major requirements include CHEM-110, CHEM-210, and MATH-211/MATH-221 take an additional course as approved by the Environmental Studies coordinator

Master of Science (MS) Environmental Science

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, students must have completed one year of calculus and one year of laboratory science (biology, chemistry, geology, or physics). A semester or more of economics is recommended. Admission is based on academic record, personal statement, and two letters of recommendation. The Graduate Record Examination (GRE) is required.

Degree Requirements

- 36 credit hours of approved graduate work, including 6 credit hours of ENVS-681, ENVS-690, and ENVS-691 in lieu of a thesis
Students are required to take ENVS-681 during the spring semester of their final year; they write a paper based on an internship, research, or independent study and present the paper during a venue approved by the graduate advisor.
- One comprehensive examination; a maximum of two attempts is permitted.

Course Requirements

Core (18 credit hours)

- CSC-610 Introduction to Geographic Information Systems (3)
- ENVS-580 Environmental Science I
- ENVS-581 Environmental Science II
- ENVS-681 Environmental Practicum (3)
and
ENVS-690 Environmental Science Research (3)
or
ENVS-691 Internship (3)
- STAT-514 Statistical Methods (3)

Electives (18 credit hours)

- 18 credit hours chosen in consultation with the graduate advisor from each of the two clusters below. A statistics course (STAT-515, STAT-516, STAT-520, or STAT-524) may be substituted for one of the courses; other courses may be substituted with permission of the graduate advisor.
- 9 credit hours from the following environmental science courses:
BIO-562 Field Methods (3)
BIO/ENVS-596 Selected Topics: Nonrecurring (approved topics)
ENVS-500 Ecohydrology (3)
ENVS-520 Biogeochemistry (3)
ENVS-572 Topics in Conservation Biology (3)
ENVS-575 Environmental Risk Assessment (3)

- 9 credit hours from the following environmental policy/economics courses:
ECON-579 Environmental Economics (3)
ENVS-582 Environmental Law (3)
PUAD-606 Foundations of Policy Analysis (3)
SIS-620 Studies in Global Environmental Politics (3) (topics)
SIS-649 Environment and Development (3)
SIS-660 Environment and Politics (3)
SOCY-689 Environmental Sociology (3)

Combined Bachelor's Degree and MS in Environmental Science

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn both an undergraduate degree in any field and an MS in Environmental Science.

Requirements

- Undergraduates should apply for admission to the combined program by the end of the junior year. At a minimum, students must have an overall grade point average of 3.00 or higher, and have taken a year of laboratory science (BIO-110/210, CHEM-110/210, PHYS-105/205, or PHYS-110/210) and a year of calculus (MATH-211 or MATH-221, and MATH-222). Applications must be accompanied by two letters of recommendation and a statement of purpose. Graduate Record Examination (GRE) scores may be required for admission to the combined program. Students should discuss their interest in the program with the Environmental Studies coordinator before submitting an application.
- All requirements for a BA or BS in any major at American University
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements of both degrees; ENVS-580 and ENVS-581 are recommended.
- All requirements for the MS in Environmental Science, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Master of Science (MS) Professional Science: Environmental Assessment

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have taken undergraduate science courses appropriate to the concentration, or have significant practical background in a relevant science area. A cumulative undergraduate grade point average of 3.00 (on a 4.00 scale) is required. Specific courses needed to prepare for entering the program will be identified through interviews with the applicant.

Degree Requirements

- 36 credit hours of approved graduate work
- Tool of research: analytical courses (see Course Requirements, below)
- Capstone Experience: 6 credit hours in 600-level courses as approved by a faculty advisor, with grades of B or better
- Students participate in noncredit workshops and seminars on professional skills and current issues in science and technology. Students are required to demonstrate proficiency in these areas as part of the capstone project, internship, and compulsory presentation.

Course Requirements

Core (15 credit hours)

- ENVS-575 Environmental Risk Assessment (3)
- ENVS-580 Environmental Science I (3)
- ENVS-581 Environmental Science II (3)
- CSC-610 Introduction to Geographic Information Systems (3)
- STAT-514 Statistical Methods (3)

Internship and Capstone Project (6 credits)

- ENVS-690 Environmental Science Research (3)
- ENVS-691 Internship (3)

Entrepreneurship and Business Skills (9 credits)

- MGMT-660 Entrepreneurship and Innovation (3)
- MGMT-661 Entrepreneurship Practicum: New Venture Business Plan (3)
- 3 credit hours from the following:
FIN-630 Financial Analysis of the Firm: Concepts and Applications (3)

- MGMT-611 Change and Innovation (3)
- MGMT-633 Leading People and Organizations (3)
- MKTG-632 Understanding the Marketplace and Consumer (3)

Electives (6 credit hours)

- 6 credit hours from the following:
ENVS-500 Ecohydrology (3)
ENVS-510 Climatology (3)
ENVS-520 Biogeochemistry (3)
ENVS-572 Topics in Conservation Biology (3)
ENVS-582 Environmental Law (3)

Graduate Certificate in Environmental Assessment

Admission to the Program

Open to students with a bachelor's degree from an accredited institution who have completed one year of calculus and one year of laboratory science (biology, chemistry, geology, or physics).

Certificate Requirements

- 15 credit hours of approved coursework with grades of C or better
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must complete a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- CSC-610 Introduction to Geographic Information Systems (3)
- ENVS-575 Environmental Risk Assessment (3)
- ENVS-580 Environmental Science I (3)
- ENVS-581 Environmental Science II (3)
- STAT-514 Statistical Methods (3)

History

Chair Pamela S. Nadell

Director of Graduate Studies Eric Lohr

Director of Undergraduate Studies April Shelford
Full-Time Faculty

Distinguished Professor Emerita B. Reagon

Distinguished Professor R. Breitman, A. Lichtman

University Professor A. Kraut

Patrick Clendenen Chair P. Nadell

Seymour and Lillian Abensohn Chair M. Brenner

Susan E. Lehrman Chair E. Lohr

Professor Emeritus/a R. Beisner, R. Brown

Associate Professor Emeritus/a I. Klein, J. Malloy

Associate Professor E. Findlay, K. Franz, M. Friedman,
P. Kuznick, L. Leff, A. Shelford

Assistant Professor L. Beers, M. Curtin, A. Fedyashin,
M. Giandrea, K. Haulman, J. Jacobs, D. Kerr, P. Partovi,
G. Rao, T. Runstedtler, E. Stockreiter, K. Vester

Professorial Lecturer C. Goldstene

Historians explore the past, but the pasts they uncover depend on the questions they ask, and historians keep discovering new questions appropriate to their moment in time. Exploring civilizations across time and space, historians study all the creations of men and women: politics and governments, the arts and the sciences, economic and technological changes, public and private lives, nations and their peoples.

The undergraduate history program introduces students to history broadly, requiring study of ancient, medieval, and modern histories in several geographic contexts before expecting students to specialize. The program's lectures, seminars, and discussions facilitate student engagement. Master's and doctoral students specialize in either United States or modern European history and hone research, writing, and analytical skills. The department also offers an MA in public history, and public history may be taken as an outside field in the doctoral program. Students in American University's History Department have the opportunity to work closely with faculty experts who specialize not only in the United States, Europe, Latin America, and East Asia, but whose research focuses on the history of women, the Holocaust, immigration, politics, and culture.

AU History faculty have close, ongoing relationships with major historical institutions in Washington, DC, such as the National Archives, Library of Congress, National Museum of American History, National Building Museum, and the United States Holocaust Memorial Museum. These provide excellent opportunities for student internships and for their engagement with public history, which is the presentation of history outside of the classroom. During the summer, students may participate in the department's popular Civil War and Nuclear Studies Institutes.

In addition to preparing students for graduate or law school, the Department of History's emphasis on research, writing, and

intellectual problem solving prepares its students for a wide array of careers in business, government, public interest fields, journalism, and other professions.

Special Opportunities

- Dorothy Gondos Beers Scholarship; James W. Mooney Award; Janet Oppenheim History Essay Prize; Janet Oppenheim Research Awards; Richard and Carol Breitman Award, Roger Brown Fellowship; Phi Alpha Theta Honorary Society
- Internships at Washington area museums, libraries and archives, historic sites, and government agencies

Bachelor of Arts (BA) History

Admission to the Program

Formal admission to the major requires departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better including at least 15 credit hours at the 300 level or above.

The department recommends that before enrolling in a course at the 300 level or above, students should complete a suitable introductory course or attain equivalent knowledge.

Advanced Placement

Prospective history majors may qualify for a minimum of 3 and a maximum of 6 advanced placement (AP) credits toward the major for the following exams: American history, European history, and world history, provided the student earns a grade of 4 or 5 on the AP examination. Students cannot receive AP credit towards the major if they also take the comparable survey courses in either American history (HIST-205 and HIST-206) or European history (HIST-110). A satisfactory International Baccalaureate (IB) examination may count toward fulfilling a specific course requirement for the major. Entering students with academic credit for IB examinations in history courses should consult with the department. A total of 6 AP and IB credits can be counted toward the history major.

Course Requirements

- HIST-299 Conversations in History (3)
- HIST-482 Research Seminar (3)
or
HIST-480 Senior Thesis in History I (3) *and* HIST-481 Senior Thesis in History II (3)
- One course in ancient or medieval history (any area of the world, focusing on premodern era)
- Two courses in Asian, Middle Eastern, Latin American, or African history
- Two courses in European history
- Two courses in United States history, including at least one course focused on race and/or ethnicity from the following:
HIST-208 African-American History: to 1877 (3)
HIST-209 African-American History: 1877 to Present (3)
HIST-210 Ethnicity in America (3)
HIST-305 Topics in Race and Ethnicity in the United States (3)
HIST-473 American Jewish History (3)
HIST-479 Topics in African American History (3)
- Additional courses to make a total of 39 credit hours in history (which may include JWST-205 Ancient and Medieval Jewish Civilization). At least 20 of the 39 credit hours must be taken at American University; at least 15 of the 39 must be at the 300 level or above.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MA in History

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables students to complete both the BA and MA in History.

Requirements

- Interested students should apply for admission to the program in their junior year. Students in this program are not required to take the Graduate Record Examination (GRE). Students will be admitted formally to MA status only if they have completed all requirements for the BA in History with at least an overall 3.20 grade point average and a 3.50 grade point average in history courses.
- All requirements for the BA in History

Undergraduate students may apply up to 6 credit hours of approved graduate-level coursework in history to satisfy the requirements of both degrees.

- All requirements for the MA in History, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in History

- 21 credit hours with grades of C or better with at least 12 credit hours unique to the minor and at least 12 credits at the 300-level or above
All 300-level or above courses and at least 12 of the 21 credit hours in history must be taken at American University.

Course Requirements

- One course in ancient or medieval history (any area of the world, focusing on premodern era)
- One course in Asian, Middle Eastern, Latin American, or African history
- One course in European history
- One course in United States history
- Additional courses to make a total of 21 credit hours in history. With department approval, up to 6 credit hours earned from Advanced Placement (AP) and/or International Baccalaureate (IB) examinations in history may be counted toward this requirement.

Master of Arts (MA) History

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must earn a satisfactory score on the Graduate Record Examination (verbal, quantitative, and analytic). Admission is based on academic record, test scores, letters of recommendation from two professors with whom work was taken recently, personal statement, 10-15 page writing sample, and favorable judgment by the department graduate committee and chair.

Degree Requirements

- 30–36 credit hours of approved graduate work; including 12 credit hours in core courses, 3-6 credit hours of research seminar or thesis, and 12-15 credit hours of approved electives
For the Public History concentration, a total of 12 credit hours in core courses, 3 credit hours of research seminar, 9 credit hours of public history requirements, and 12 credit hours of approved electives are required.
No more than 50 percent of coursework may be done in 400/600 level courses.
- Tool of research: a relevant foreign language, quantitative methods, oral history, history and new media, or a

methodology approved by the graduate committee of the Department of History

- Capstone experience: one of the following as approved by the student's advisor:
Comprehensive MA examination in one field (e.g. US I)
Comprehensive MA examination in combined field (e.g. US I/US II)
Two research seminars (HIST-751)
MA thesis

Course Requirements

Core (12 credit hours)

- HIST-500 Studies in History (3)
- Two colloquia from the following:
HIST-720 Colloquium in Modern European History: 1789-1900 (3) with a grade of B or better
HIST-721 Colloquium in Modern European History since 1900 (3) with a grade of B or better
HIST-727 Colloquium in United States History I: to 1865 (3) with a grade of B or better
HIST-728 Colloquium in United States History II: since 1865 (3) with a grade of B or better
Other approved courses may be substituted for one of the above colloquia.
- HIST-744 The Historian's Craft (3) with a grade of B or better, usually taken in the student's first fall semester in the program

Research Seminar or Thesis (3-6 credit hours)

- HIST-751 Graduate Research Seminar (3) with a grade of B or better
or
Other approved course
or
HIST-797 Master's Thesis Research (6) with grades of B or better

Electives (12-15 credit hours)

- 12-15 credit hours in approved graduate coursework

Public History Concentration (36 credit hours)

Core (12 credit hours)

- HIST-500 Studies in History (3)
- Two colloquia from the following:
HIST-720 Colloquium in Modern European History: 1789-1900 (3) with a grade of B or better
HIST-721 Colloquium in Modern European History since 1900 (3) with a grade of B or better
HIST-727 Colloquium in United States History I: to 1865 (3) with a grade of B or better
HIST-728 Colloquium in United States History II: since 1865 (3) with a grade of B or better
Other approved courses may be substituted for one of the above colloquia.

- HIST-744 The Historian's Craft (3) with a grade of B or better, usually taken in the student's first fall semester in the program

Research Seminar (3 credit hours)

- HIST-751 Graduate Research Seminar (3) with a grade of B or better
or
other approved course

Public History (9 credit hours)

- HIST-729 Public History Seminar (3) with a grade of B or better
- HIST-730 Public History Practicum (3) with a grade of B or better
- HIST-691 Internship in History (3)

Electives (12 credit hours)

- 12 credit hours in approved graduate coursework

Doctor of Philosophy (PhD) History

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants normally have completed an MA in History or a related field, have earned a satisfactory score on the Graduate Record Exam (Verbal, Quantitative, and Analytic), and have made a substantial beginning in one tool of research. Admission is based on academic record, letters of recommendation from three professors with whom work was taken recently, a sample of recent written work of substantial length (MA thesis, research paper, or interpretative essay) and favorable judgment by the department's graduate committee and department chair.

Degree Requirements

- 72 credit hours of approved graduate work
- Tools of research
One or two of the following, the number and type determined by the student's advisor: relevant foreign languages, quantitative methods, history and new media, oral history, or a methodology approved by the graduate committee of the Department of History
- Comprehensive doctoral examination in three fields
Comprehensive doctoral examinations are tailored to the individual student's fields of study.
One field must be a historical field outside the student's main area of concentration, a comparative or multidisciplinary field, or a field in another discipline.
- Dissertation proposal and oral defense
- Dissertation and oral defense

Course Requirements

Specific course requirements depend on whether students received their MA in History from American University. For more information, consult the Department of History.

Israel Studies

Director Michael Brenner

Israel Studies is an interdisciplinary program that draws on faculty and courses related to Israel from across the campus. Students are encouraged to study abroad in Israel and to take Hebrew language courses.

Minor in Israel Studies

Students take three core courses focused on the history and civilization of Israel and the relationships between Israel and the Arab world. They then take 9 additional credit hours in approved elective coursework.

Admission to the Program

Formal admission to the minor requires a grade point average of 2.00 and approval of the program director.

Requirements

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor and at least 9 credit hours at the 300 level or above

Course Requirements

Core (9 credit hours)

- HIST-245 Modern Jewish Civilization (3)
- HIST-443 History of Israel (3)
- SISU-319 Arab-Israeli Relations (3)

Electives (9 credit hours)

- 9 credit hours from the following with approval of the program director:
 - HIST-344 Topics in Jewish History (3) (approved topics)
 - JWST-320 Topics in Jewish Culture (3) (approved topics)
 - JWST-390 Independent Reading (1-6)
 - JWST-490 Independent Study (1-6)
 - JWST-491 Internship (1-6)
 - SISU-365 Topics in Identity, Race, Gender, and Culture: Middle East: Israeli Society (3)
 - SOCY-340 Israeli Society (3)

Study abroad in Israel is highly recommended and with approval of the program director courses taken abroad may fulfill minor requirements

Jewish Studies

Director Pamela Nadell

Note: Faculty from other schools and departments of the university teach courses in the program.

The Jewish Studies Program recognizes that Jews and Judaism constitute a distinct yet integral component of the heritage of Western civilization. Jewish studies courses analyze the civilization of the Jews and its various cultural and religious expressions from the patriarchal period to the present.

Jewish studies courses embrace the total experience of the Jewish people, spanning the spectrum of the arts, humanities, and the social sciences. Moreover, since dynamic contact with many other religions and cultures influenced the development of Jewish civilization, courses view Jews and Judaism within the broader context of these dominant societies, and enrich one's understanding of American and world Jewries. The majors and minors in Jewish studies prepare students for leadership within and service to the Jewish community, and for a greater understanding of our pluralistic society. A minor in Israel Studies is also offered.

As a center of Jewish organizational life, Washington, DC provides opportunities for internships with local Jewish organizations devoted to community relations, religious activities, Israel, and social welfare. A Jewish studies minor combined with an education major may lead to certification for teaching in Jewish schools.

Special Opportunities

- Dr. Everett and Marian Gordon Scholarship Awards in Jewish Studies: Established in 1976 to provide awards for outstanding senior theses in Jewish studies, and scholarships for classroom performance by students in Jewish studies courses, with preference given to students without previous background in Jewish studies.
- Jerrold and Jane Goodman Scholarships: Established in 1979 through an annual grant from Yablick Charities, Inc. Scholarships are awarded annually to outstanding students in Jewish studies.

Bachelor of Arts (BA) Jewish Studies

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale) and the approval of the director of the program.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better

Course Requirements

- HEBR-216 Hebrew, Intermediate Modern I (3)
- HEBR-217 Hebrew, Intermediate Modern II (3) or equivalent proficiency in Hebrew as approved by the Jewish Studies faculty.

Note: HEBR-116/HEBR-117 Hebrew, Elementary Modern I/II are prerequisites for the language requirement but do not count toward the major.

- HIST-245 Modern Jewish Civilization (3)
- JWST-205 Ancient and Medieval Jewish Civilization FA2 (3)
- JWST-481 Senior Thesis in Jewish Studies I (3)
- JWST-482 Senior Thesis in Jewish Studies II (3)
- One course in Jewish literature
- One course in Jewish thought
- One course in contemporary Jewish life
- 12 additional credit hours in Jewish Studies

Eighteen of the total 39 hours must be at the 300 level or above. Related courses from other university departments may be used with approval of the program director.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Jewish Studies

- 18 credit hours with grades of C or better and at least 12 credit hours unique to the minor; 9 of the 18 credit hours must be at the 300 level or above

Course Requirements

- HIST-245 Modern Jewish Civilization (3)
- JWST-205 Ancient and Medieval Jewish Civilization FA2 (3)
- One course in Jewish literature
- One course in Jewish thought
- One course in contemporary Jewish life
- One additional course in Jewish studies

Minor in Israel Studies

The minor in Israel Studies is an interdisciplinary program that draws on faculty and courses related to Israel from across the campus. Students take three core courses focused on the history and civilization of Israel and the relationships between Israel and the Arab world. They then take 9 additional credit hours in approved elective coursework. Students in the minor are encouraged to study abroad in Israel and to take Hebrew language courses.

Admission to the Program

Formal admission to the minor requires a grade point average of 2.00 and approval of the program director.

Requirements

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor and at least 9 credit hours at the 300 level or above

Course Requirements**Core (9 credit hours)**

- HIST-245 Modern Jewish Civilization (3)
- HIST-443 History of Israel (3)
- SISU-319 Arab-Israeli Relations (3)

Electives (9 credit hours)

- 9 credit hours from the following with approval of the program director:
 - HIST-344 Topics in Jewish History (3) (approved topics)
 - JWST-320 Topics in Jewish Culture (3) (approved topics)
 - JWST-390 Independent Reading (1-6)
 - JWST-490 Independent Study (1-6)
 - JWST-491 Internship (1-6)
 - SISU-365 Topics in Identity, Race, Gender, and Culture: Middle East: Israeli Society (3)
 - SOCY-340 Israeli Society (3)
- Study abroad in Israel is highly recommended and with approval of the program director courses taken abroad may fulfill minor requirements

Liberal Studies

Bachelor of Arts (BA) Liberal Studies

This program is designed for students eight years or more out of high school who seek a flexible degree program that encourages them to bring together their personal and professional goals in the design of their academic major. The major encourages students to combine liberal arts studies with a specialization. Specializations are available in any of the minors offered by American University.

Admission to the Program

After admission, students submit a written proposal stating their core interests, along with a 300-word essay explaining their goals and the relationship among chosen areas and courses.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 42–48 credit hours with grades of C or better
The major consists of a 24 credit hour core area and an 18–24 credit hour specialization, both of which offer a number of structured alternative choices.

Core Area

- 24 credit hours chosen from fields of study in one of three core areas: the humanities, the social sciences, or sciences/mathematics.

The core area must include coursework in four fields of study: 6 credit hours are to be taken in each field; at least 3 credit hours in each of the four fields must be earned in a course at the 300 level or higher. For students taking the Sciences/Mathematics core, a minimum of 6 credit hours in total must be taken in courses at the 300 level or higher. No more than three courses taken for General Education credit may also count toward core area requirements. Six of the eight courses taken to fulfill the core area must be offered by the College of Arts and Sciences.

Fields of Study by Core Area

Humanities

Art
Art History
Foreign Language
Jewish Studies
Literature
Performing Arts
Philosophy
Religion

Social Sciences

American Studies
Anthropology
Communication
(designated courses) *
Economics
Education
(designated courses) *
History
Political Science
Psychology
(designated courses) *
Sociology

Sciences/Mathematics

Biology
Chemistry
Computer Science
Information Systems
Mathematics
Physics
Psychology
(designated courses)*
Statistics

* Designated courses: academic counselors will provide students with a list of approved courses.

Specialization

In addition to the core area courses, students in the Bachelor of Arts in Liberal Studies program are required to complete 18–24 credit hours in a specialization chosen from the list of university-approved minors. *Note:* if the minor taken for the specialization requires 24 or more credit hours, students may request reducing their core requirements from 24 to 21 credit hours. However, the core must still include at least 18 credit hours offered by the College of Arts and Sciences.

Students may select a specialization that complements their core area, or they may choose a specialization that is a new area of study. In all cases the student is encouraged to design a core area and a specialization that reflects the student's particular interests and goals.

Requirements for the specialization in the Bachelor of Arts in Liberal Studies degree are met when a student completes the requirements for a minor approved for the program. No more than two courses taken for General Education credit may be applied to a student's specialization.

Literature

Chair Jonathan Loesberg

Full-Time Faculty

Professor Emeritus/a P. Han, J.J. Jorgens, F.L. Kelly, E.L. Kessler, F.H. King, C.R. Larson, K. Mussell, K.W. Moyer, J.N. Radner, M. Sklarew, H.S. Taylor, F. Turaj, F.E. Zapatka

Professor J. Loesberg, R. McCann, M. Menon, D. Pike, R. Rubenstein, R. Sha, P. Starr

Associate Professor Emeritus W.E. Stahr

Associate Professor E. Dusserre, D. Kakoudaki, D. Keplinger, K. Leonard, J. Middents, M. Noble, D.C. Payne Fisk, A. Sherman

Assistant Professor A. Berry, F. Brideoake, K. Dargan, D. Evans, S. Grant, T. Ratekin, R.L. Snyder, L. Voris

Instructor C. Bair Van Dam, A. Bernstein, M. Cabot, A. Choutka, E. Comstock, C. Cox, L. Fettig, C. Garrett, L. Johnson, P. Joyner, C. Martinez, J. McCarthy, H. McDonald, G. Moomau, S. Oakes, M. Scholes Young, M. Switalski, A. Tamashasky, A. Thomas, K. Wilson, L. Wootton

Director of the College Writing Program and the Writing Center J. Hyman

Associate Director of the Writing Center J. Auten

International Student Coordinator A. Dadak

Concerned with the study of literature, writing, and film, the Department of Literature offers courses that embrace many approaches to the rich heritage of written, oral, and cinematic tradition, as well as courses that challenge students to write creatively and professionally. In addition to taking courses, our students are encouraged to enroll in internships to sample careers that use the skills they are developing in the classroom; Washington affords a wide range of job opportunities (many involving writing or editing) in settings such as arts organizations, radio and television, government offices, public interest organizations, museums, schools, and community groups.

The department's faculty of scholars and writers staff three degree programs in literature: the BA and MA in Literature and the MFA in Creative Writing. All three programs offer students the chance to study literature, film, criticism and creative writing; all are small and flexible programs that bring students and faculty into close contact in small classes and informal gatherings and colloquia. The MA program provides an overview of the literary history of our culture in addition to a series of seminars on theoretical topics in which students and faculty together consider what constitutes the discipline of literary criticism. The MFA in Creative Writing program includes work in fiction, poetry, and creative nonfiction; workshops with distinguished

visiting writers; internships; and coursework in literature and in the arts of translation and literary journalism. It also offers students opportunities to give public readings, to meet with editors and publishers, and to produce a nationally known literary magazine.

In addition, the department offers an interdisciplinary minor in Cinema Studies which combines coursework in cinema, video criticism and history and takes advantage of the impressive film resources of the Washington area.

The Visiting Writers Series

Each semester, the department sponsors public readings by prominent poets, fiction writers, and editors. These visitors also conduct workshops for graduate and undergraduate creative writing students. Visiting writers have included Mark Doty, Allan Gurganus, Tillie Olsen, Andrew Holleran, Hannan al-Shaykh, A.J. Verdelle, Richard Selzer, Richard Rodriguez, Yusef Komunyakaa, Marie Howe, Michael Cunningham, Marilyn Nelson, Li-Young Lee, Amy Bloom, and Manil Suri. Distinguished Writers in Residence have included Jean Valentine, Marilyn Hacker, Jon Silkin, Pablo Medina, and Alice McDermott.

Bachelor of Arts (BA) Literature

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale) and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Tracks

General or Cinema Studies

Major Requirements

- 42 credit hours with grades of C or better, with at least 21 credit hours at the 300 level or above

Course Requirements**General Track**

- LIT-105 The Literary Imagination FA1 (3)
or
LIT-120 Interpreting Literature FA1 (3)
or
LIT-135 Critical Approach to the Cinema FA1 (3)
- LIT-480 Senior Project in Literature (3)
- LIT-498 Senior Seminar on the Value of Literature (3)
- Three survey courses from the following with at least one of LIT-210 or LIT-220:
LIT-150 Third World Literature FA3 (3)
LIT-210 Survey of American Literature I (3)
LIT-211 Survey of American Literature II (3)
LIT-220 Survey of British Literature I (3)
LIT-221 Survey of British Literature II (3)
LIT-225 The African Writer FA1 (3)
LIT-235 African-American Literature FA2 (3)
LIT-240 Asian American Literature FA2 (3)
LIT-246 Cinema and the Twentieth Century FA1 (3)
LIT-252 Survey of Literary Theory (3)
- Four courses in literature written before 1900 with at least two in literature written before 1800
- One of the following:
LIT-215 Writers in Print/in Person FA1 (3)
Creative writing course
300- or 400-level cinema course
- Three additional courses offered or approved by the Department of Literature

Cinema Studies Track

- LIT-135 Critical Approach to the Cinema FA1 (3)
- LIT-246 Cinema and the Twentieth Century FA1 (3)
- 6 credits from the following:
LIT-346 Topics in Film (3)
LIT-446 Advanced Studies in Film (3) (topics)
- LIT-480 Senior Project in Literature (3)
- LIT-498 Senior Seminar on the Value of Literature (3)
- Two survey courses from the following:
LIT-150 Third World Literature FA3 (3)
LIT-210 Survey of American Literature I (3)
LIT-211 Survey of American Literature II (3)
LIT-220 Survey of British Literature I (3)
LIT-221 Survey of British Literature II (3)
LIT-225 The African Writer FA1 (3)

LIT-235 African-American Literature FA2 (3)

LIT-240 Asian American Literature FA2 (3)

LIT-252 Survey of Literary Theory (3)

- Two courses in literature written before 1900
- Two additional 300- or 400-level courses in film or interdisciplinary topics
- Two additional 300- or 400-level courses offered or approved by the Department of Literature

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MA in Literature

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables students to complete both the BA and the MA in Literature.

Requirements

- Undergraduate literature majors ordinarily apply at the end of their junior year, but they should consult with the MA program director prior to applying. Admission decisions follow the procedures used to evaluate graduate applicants to the MA in Literature. The Graduate Record Examination (GRE) is required. Students will be admitted formally to MA status only if they have completed all requirements for the BA in Literature with at least an overall 3.00 grade point average and a 3.20 grade point average in literature courses.
- All requirements for the BA in Literature
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework in literature to satisfy the requirements of both degrees.
- All requirements for the MA in Literature, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Creative Writing

- 24 credit hours with grades of C or better, with a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- LIT-105 The Literary Imagination (3)
- LIT-200 Introduction to Creative Writing (3)
- LIT-215 Writers in Print/in Person (3)
- 9 credit hours from the following:
 - LIT-400 Creative Writing: Fiction (3) (may be repeated for credit once)
 - LIT-401 Creative Writing: Poetry (3) (may be repeated for credit once)
 - LIT-403 Creative Writing: Creative Nonfiction (3) (may be repeated for credit once)
- 6 credit hours from the following, with a maximum of 3 credit hours at the 300-level with approval of the creative writing minor advisor:
 - LIT-150 Third World Literature FA3 (3)
 - LIT-210 Survey of American Literature I (3)
 - LIT-211 Survey of American Literature II (3)
 - LIT-220 Survey of British Literature I (3)
 - LIT-221 Survey of British Literature II (3)
 - LIT-225 The African Writer FA1 (3)
 - LIT-235 African American Literature FA2 (3)
 - LIT-240 Asian American Literature FA2 (3)
 - LIT-252 Survey of Literary Theory (3)
 - LIT-308 Studies in Genre (3)
 - LIT-309 Contemporary British Theater (3)
 - LIT-310 Major Authors (3)
 - LIT-315 Topics in American Romanticism (3)
 - LIT-316 Nineteenth Century American Novel (3)
 - LIT-318 Topics in American Realism (3)
 - LIT-321 Topics in American Modernism (3)
 - LIT-322 Topics in Topics in Contemporary American Literature (3)
 - LIT-323 Ethnic Literatures of the United States (3)
 - LIT-332 Shakespeare Studies (3)
 - LIT-334 Topics in Renaissance Literature (3)
 - LIT-337 Topics in Restoration and Enlightenment Literature (3)
 - LIT-340 Topics in Nineteenth Century British and European Literature (3)
 - LIT-341 Topics in Romantic Literature (3)
 - LIT-343 Topics in British and European Modernism (3)
 - LIT-360 Topics in Medieval Literature (3)
 - LIT-367 Topics in World Literature (3)
 - LIT-370 Topics in Women's and Gender Studies (3)
 - LIT-422 Advanced Studies in Contemporary Literature (3)
 - LIT-434 Advanced Studies in Medieval and Early Modern Literature (3)

- LIT-437 Advanced Studies in Restoration and Eighteenth Century Literature (3)
- LIT-440 Advanced Studies in Nineteenth Century British and European Literature (3)
- LIT-443 Advanced Studies in Twentieth Century Literature (3)
- LIT-467 Advanced Studies in World Literature (3)
- LIT-481 Advanced Interdisciplinary Approaches to Literature (3)

Minor in Literature

- 18 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- LIT-105 The Literary Imagination FA1 (3)
or
LIT-120 Interpreting Literature FA1 (3)
- One course from the following:
 - LIT-150 Third World Literature FA3 (3)
 - LIT-210 Survey of American Literature I (3)
 - LIT-211 Survey of American Literature II (3)
 - LIT-220 Survey of British Literature I (3)
 - LIT-221 Survey of British Literature II (3)
 - LIT-225 The African Writer FA1 (3)
 - LIT-235 African-American Literature FA2 (3)
 - LIT-240 Asian American Literature FA2 (3)
 - LIT-252 Survey of Literary Theory (3)
- 12 credit hours in literature; at least 9 credit hours must be at the 300-level or above. Only one course in creative writing and one course in film may be counted toward the minor, or if no creative writing course is used, two film courses may be counted.

Minor in Literature: Cinema Studies

- 24 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- COMM-105 Visual Literacy FA1 (3)
- LIT-135 Critical Approach to the Cinema FA1 (3)
- 12 credit hours from the following:
 - LIT-346 Topics in Film (3)
 - LIT-402 Creative Writing: Film Script (3)
 - LIT-446 Advanced Studies in Film (3) (topics)
- 6 credit hours from the following:
 - COMM-330 Principles of Photography (3) *and*
COMM-331 Film and Video Production I (3)
 - COMM-511 History of Documentary (3)
 - COMM-512 Social Documentary (3)
 - COMM-517 History of Cross-Cultural Cinema (3)
 - COMM-520 History of Animation (3)
 - COMM-558 Survey of American Cinema (3)
 - COMM-586 History of Czech Cinema (3) (study abroad)

Master of Arts (MA) Literature

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants should have a grade point average of 3.00 (on a 4.00 scale) in undergraduate literature courses. The Graduate Record General Examination is required. An undergraduate major in literature is desirable, but applications from candidates who have majored in other fields will also be considered, provided that substantial study of literature has been done. Two letters of recommendation and a sample of critical writing are required. Part-time as well as full-time students are welcome in the program.

Degree Requirements

- 36 credit hours of approved graduate work with at least 18 credit hours in 500- or 700-level courses
- A written comprehensive examination based primarily on literature taught in MA seminars and other literature courses

Course Requirements

- LIT-520 Theories and Methodologies (3)
- 6 credit hours from the following:
 - LIT-521 Readings in Genre: Poetry (3)
 - LIT-522 Readings in Genre: Drama (3)
 - LIT-523 Readings in Genre: Novel (3)
 - LIT-524 Readings in Genre: Cinema (3)
- 18 graduate credit hours in literature, with at least 9 credit hours at the 700 level

Teaching

- LIT-730 Teaching of Writing (3)
- LIT-731 Teaching of Writing Practicum (3)
- an approved graduate course in literature, education, linguistics, or anthropology (3)

Predoctoral

- LIT-732 Literary Theory (3)
and
LIT-793 Directed Research in Literature (3) plus another 700 level course in literature
or
LIT-797 Master's Thesis Seminar (6)
or
6 credit hours in literature at the 700 level

General

- 9 additional graduate credit hours in literature

Interdisciplinary

- 9 graduate credit hours in another department or departments, in a individually-designed program of study as approved by the MA program director

Master of Fine Arts (MFA) Creative Writing

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. An undergraduate major in literature is desirable, but applications from candidates who have majored in other fields will be considered. Admission is based on samples of previous writing (25 pages), academic record, and two letters of recommendation.

Degree Requirements

- 48 credit hours of approved graduate work
- Advancement to candidacy is automatic on admission to the program, but subject to yearly review
- A book-length manuscript of fiction, poetry, memoir, or drama, to be approved by the creative writing faculty
- One oral examination on the candidate's manuscript: its merits, characteristics, and relations to the works of others

Course Requirements

- 12 credit hours in writing workshops:
 - LIT-700 Advanced Fiction Workshop (3)
 - LIT-701 Advanced Poetry Workshop (3)
 - LIT-702 Creative Writing: Film Script (3)
 Students may concentrate on one genre or work in several
- 12 credit hours in literature courses selected from among the regular graduate level literature offerings of the department
- LIT-705 Seminar on Translation (3)
- LIT-710 Art of Literary Journalism (3)
- LIT-691 Graduate Internship (6)
Possible internship sites include the Writer's Center in Bethesda, the Folger Shakespeare Library, the Library of Congress, the Writers-in-the-Schools programs, and affiliations with in-house and trade publishers.
- 6 credit hours from the following:
 - Additional writing workshops, offered at American University or elsewhere
 - Additional courses in literature, cinema studies, or performing arts
 - With the approval of an advisor, courses in foreign languages, journalism, or in any other discipline which seems germane to the individual student's interest and consistent with the objectives of the program
- 6 credit hours of LIT-797 Master's Thesis Seminar

Mathematics and Statistics

Chair Jeffrey Adler

Full-time Faculty

Professor Emeritus D. Crosby, R. Holzsager, B. Korin, S. Schot

Professor J. Adler, S. Casey, A. Enayat, M. Gray, J. Hakim, R. Jernigan, D. Kalman, J. Nolan

Associate Professor Emeritus A. Barron, L. Crone, I.L. Chang, E. McCue

Associate Professor A. Elezi, M. Jackson, J. Lansky, J. Lu, E. Malloy, V. Stallings, F. Van Dyke

Assistant Professor Emerita C. Machlin

Assistant Professor U. Alparslan, I. Maslova, R. Mitchell, M. Robinson

Professorial Lecturer D. Dietz, A. Kapatou, M. Limarzi, J. Miller, M. Pospieszalska

Instructor E. Addo, M. Burke, E. Koch, V. Little, P. Okoth

Director of Undergraduate Studies M. Keynes

Director of Educational Services B. Jalali

Mathematics may be studied as an intellectual discipline for its own sake or as a professional tool for application to the problems of other disciplines. Majors in mathematics receive firm grounding in the theory and techniques of algebra, analysis, and other fields as a basis for further work in pure or applied mathematics and for graduate studies. The major in applied mathematics offers training in mathematical problem-solving techniques with a reduced emphasis on abstract theory. This program is not as firm a foundation for graduate work as the mathematics major, but is tailored to the student who will need to apply mathematical, statistical, and computer methods to practical problems. Undergraduates majoring in mathematics may choose to take a second major in secondary school teaching.

Statistics is the science of making decisions based on data. Data and decisions can come from business, law, medicine, politics, science, sociology, and every other field of study, but may be based on incomplete observations or incorrect measurements. To mitigate such uncertainties, students studying statistics build and apply quantitative tools and techniques for the collection, organization, analysis, interpretation, and presentation of data. They then utilize statistical techniques to discover and investigate patterns, build predictive models, and control variability to improve decisionmaking.

Undergraduate students majoring in statistics have two tracks available. Those who intend to continue with graduate work in statistics or those with an interest in the theory of statistical methods should follow the sequence for mathematical statistics, which requires a strong background in mathematics. Students wishing an emphasis in the use of statistical techniques should follow the sequence for applied statistics. This track is especially appropriate as a secondary emphasis for students who have a strong interest in a field of application.

The Department of Mathematics and Statistics combines the resources and knowledge of these related disciplines. This enables the department to offer unusually varied and flexible programs. A student with an interest in the mathematical sciences may choose a program within the department and later change his or her emphasis without a great loss of time because the programs share a common core.

The university's Washington, DC location affords the student access to many governmental, cultural, scientific, and historical institutions. These institutions serve as an important research resource. In addition, they are a source of full-time and part-time employment opportunities for students with a firm grounding in the mathematical sciences.

Special Opportunities

- The department employs undergraduates in its tutoring lab and the computer labs.
- The department offers a limited number of undergraduate book scholarships.

Bachelor of Science (BS) Applied Mathematics

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.00 (on a 4.00 scale) and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 56 credit hours with grades of C or better

Course Requirements

- CSC-280 Introduction to Computer Science I (4)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)
- MATH-313 Calculus III (4)
- MATH-321 Differential Equations (3)
- MATH-501 Probability (3)
- MATH-503 Foundations of Mathematics (3)
- MATH-550 Complex Analysis (3)

- STAT-203 Basic Statistics with Calculus (4)
or
STAT-202 Basic Statistics (4) (with permission of department)
- STAT-502 Introduction to Mathematical Statistics (3)
- A two-course sequence from the following:
Note: this requirement may be waived for students with more than one major in this department.
BIO-110 General Biology I FA5 (4) *and*
BIO-210 General Biology II FA5 (4)
CHEM-110 General Chemistry I FA5 (4) *and*
CHEM-210 General Chemistry II FA5 (4)
PHYS-110 Principles of Physics I FA5 (4) *and*
PHYS-210 Principles of Physics II FA5 (4)
STAT-302 Intermediate Statistics (3) *and*
STAT-515 Regression (3)
or
STAT-516 Design of Experiments (3)
Two additional MATH 500-level courses
- Four additional mathematics (MATH), statistics (STAT), or computer science (CSC) courses with approval of the student's advisor

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS in Applied Mathematics and MA in Mathematics

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables students to earn both a BS in Applied Mathematics and an MA in Mathematics.

Requirements

- All requirements for the BS in Applied Mathematics
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements of both degrees.
- All requirements for the MA in Mathematics, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Bachelor of Science (BS) Computational Science

Computational science is a field in which computational simulation and modeling of systems are used to solve problems in engineering and natural and social sciences. Administered jointly by the Department of Computer Science and Department of Mathematics and Statistics, this program is recommended for students interested in a career in mathematical and computational techniques to solve problems and the use of these methods to advance other fields that require extensive computation and data analysis. Students in this program take foundation courses in mathematics and computer science and choose application areas including biology, chemistry, computer science, economics, environmental studies, finance, mathematics, physics, psychology, and statistics based on their interests. Students may also choose to pursue a double major or minor in the application area.

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.00 (on a 4.00 scale) and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 50 credit hours with grades of C or better

Course Requirements

Foundation Courses (44 credit hours)

- CSC-280 Introduction to Computer Science I (4)
- CSC-281 Introduction to Computer Science II (3)
- CSC/MATH-360 Tools of Scientific Computing (3)
- CSC-432 Introduction to Simulation and Modeling (3)
- CSC-493 Computer Science Capstone Project (3)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)
- MATH-313 Calculus III (4)
- MATH-560 Numerical Analysis: Basic Problems (3)
- STAT-202 Basic Statistics (4)
- One course from the following:
MATH-321 Differential Equations (3)
MATH-501 Probability (3)
STAT-302 Intermediate Statistics (3)

- One course from the following:
CSC-330 Organization of Computer Systems (4)
CSC-520 Algorithms and Data Structures (3)
CSC-570 Database Management Systems (3)

Application Area (6 credit hours)

- 6 credit hours at the 300-level or above as approved in an application area, including biology, chemistry, computer science, economics, environmental studies, finance, mathematics, physics, psychology, and statistics.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Science (BS) Mathematics

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.00 (on a 4.00 scale) and departmental approval.

Students who wish to obtain credentials for teaching grade 7–12 mathematics may take a 36-credit hour second major. Students must have a 3.00 grade point average to be admitted to the second major in secondary education. For information on admission and program requirements, see the School of Education, Teaching and Health secondary education program.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 53 credit hours with grades of C or better

Course Requirements

- CSC-280 Introduction to Computer Science I (4)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)
- MATH-313 Calculus III (4)
- MATH-321 Differential Equations (3)
- MATH-503 Foundations of Mathematics (3)
- MATH-512 Introduction to Modern Algebra (3)
- MATH-520 Introduction to Analysis (3)
- MATH-550 Complex Analysis (3)
- STAT-203 Basic Statistics with Calculus (4)
or
STAT-202 Basic Statistics (4) (with permission of department)
- one course from the following:
MATH-504 Advanced Calculus of Several Variables (3)
MATH-510 Geometry (3)
MATH-521 Measure Theory and Integration (3)
MATH-540 Topology (3)
MATH-580 Topics in Mathematics (3) (approved topic)
- one course from the following:
MATH-505 Mathematical Logic (3)
MATH-513 Rings and Fields
MATH-515 Number Theory (3)
MATH-580 Topics in Mathematics (3) (approved topic)
- one course from the following:
MATH-501 Probability (3)
MATH-551 Partial Differential Equations (3)
MATH-560 Numerical Analysis: Basic Problems (3)
MATH-570 History of Mathematics (3)
MATH-580 Topics in Mathematics (3) (approved topic)
- A two-course sequence from the following:
Note: this requirement may be waived for students with more than one major in this department.
BIO-110 General Biology I FA5 (4) *and*
BIO-210 General Biology II FA5 (4)
CHEM-110 General Chemistry I FA5 (4) *and*
CHEM-210 General Chemistry II FA5 (4)
PHYS-110 Principles of Physics I FA5 (4) *and*
PHYS-210 Principles of Physics II FA5 (4)
STAT-302 Intermediate Statistics (3) *and*
STAT-502 Introduction to Mathematical Statistics (3)
Two additional MATH 500-level courses

Mathematics Majors with a Second Major in Secondary Education

Course Requirements

- CSC-280 Introduction to Computer Science I (4)
 - MATH-221 Calculus I (4)
 - MATH-222 Calculus II (4)
 - MATH-310 Linear Algebra (3)
 - MATH-313 Calculus III (4)
 - MATH-501 Probability (3)
 - MATH-503 Foundations of Mathematics (3)
 - MATH-510 Geometry (3)
 - MATH-512 Introduction to Modern Algebra (3)
 - MATH-520 Introduction to Analysis (3)
 - MATH-570 History of Mathematics (3)
 - MATH-585 Mathematics Education (3)
 - STAT-203 Basic Statistics with Calculus (4)
- or*
- STAT-202 Basic Statistics (4) (with permission of department)
- A two-course sequence from the following:
Note: this requirement may be waived for students with more than one major in this department.
 - BIO-110 General Biology I FA5 (4) *and*
 BIO-210 General Biology II FA5 (4)
 - CHEM-110 General Chemistry I FA5 (4) *and*
 CHEM-210 General Chemistry II FA5 (4)
 - PHYS-110 Principles of Physics I FA5 (4) *and*
 PHYS-210 Principles of Physics II FA5 (4)
 - STAT-302 Intermediate Statistics (3) *and*
 STAT-502 Introduction to Mathematical Statistics (3)
- Two additional MATH 500-level courses

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS in Mathematics and MA in Mathematics

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables students to earn both a BS in Mathematics and an MA in Mathematics.

Requirements

- Undergraduate students should apply by the end of the junior year. Students should have a minimum grade point average of 3.20 in major courses and have completed one of the following sequences:

MATH-512 Introduction to Modern Algebra *and*
 MATH-513 Rings and Fields

or

- MATH-520 Introduction to Analysis I *and*
 MATH-521 Measure Theory and Integration
- All requirements for the BS in Mathematics
 Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements of both degrees.
- All requirements for the MA in Mathematics, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Bachelor of Science (BS) Mathematics and Economics

Admission to the Program

This program, offered jointly by the Departments of Economics and Mathematics and Statistics, is recommended for students interested in social science applications of mathematical concepts and for those interested in preparing for admissions to PhD programs in Economics. Formal admission to the major requires a grade point average of 3.00 (on a 4.00 scale) in the gateway courses and approval of the program coordinator.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 66 credit hours with a grade point average of 3.00
 No more than 6 of the 66 credit hours may be fulfilled by Washington Economic Policy Semester courses or economics courses from study abroad programs.
 No more than 3 credit hours of independent reading and study courses or internships may be applied to the major.

Course Requirements

Gateway Courses (18 credit hours)

- CSC-280 Introduction to Computer Science I (4)
- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)
- MATH-221 Calculus I (4)

- STAT-203 Basic Statistics with Calculus (4)
or
STAT-202 Basic Statistics (4) (with permission of department)

Core Courses (39 credit hours)

- ECON-400 Intermediate Microeconomics with Calculus (3)
- ECON-401 Intermediate Macroeconomics with Calculus (3)
- ECON-322 Applied Econometrics I (4)
- ECON-480 Senior Research Seminar (3)
or
ECON-424 Applied Econometrics II (3)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)
- MATH-313 Calculus III (4)
- MATH-501 Probability (3)
- MATH-503 Foundations of Mathematics (3)
- STAT-502 Introduction to Mathematical Statistics (3)
- Two of the following:
ECON-345/MATH-345 Introduction to Game Theory (3)
MATH-321 Differential Equations (3)
MATH-504 Advanced Calculus of Several Variables (3)
MATH-520 Introduction to Analysis (3)
STAT-525 Statistical Software (3)
STAT-584 Introduction to Stochastic Processes (3)

Electives (9 credit hours)

- 9 credit hours of additional Economics courses (ECON-xxx) at the 300-level or above, excluding ECON-370 International Economics

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

**Bachelor of Science (BS)
Statistics****Admission to the Program**

Formal admission to the major requires a cumulative grade point average of 2.00 (on a 4.00 scale) and departmental approval.

Tracks

Mathematical Statistics and Applied Statistics

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- Mathematical Statistics: 47 credit hours with grades of C or better
- Applied Statistics: 54–55 credit hours with grades of C or better

Course Requirements**Mathematical Statistics**

- CSC-280 Introduction to Computer Science I (4)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-313 Calculus III (4)
- MATH-310 Linear Algebra (3)
- MATH-501 Probability (3)
- STAT-203 Basic Statistics with Calculus (4)
or
STAT-202 Basic Statistics (4) (with permission of department)
- STAT-502 Introduction to Mathematical Statistics (3)
- STAT-515 Regression (3)
- STAT-516 Design of Experiments (3)
- Four additional courses at or above 300 in the department, of which two must have the prefix STAT- (STAT-514 cannot be used) as approved by an advisor. CSC-281 may substitute for a course with a prefix of MATH-.

Applied Statistics

- CSC-280 Introduction to Computer Science I (4)
- MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)

- MATH-310 Linear Algebra (3)
- MATH-501 Probability (3)
- STAT-203 Basic Statistics with Calculus (4)
or
STAT-202 Basic Statistics (4) (with permission of department)
- STAT-302 Intermediate Statistics (3)
- STAT-502 Introduction to Mathematical Statistics (3)
- STAT-515 Regression (3)
- STAT-516 Design of Experiments (3)
- Two additional courses selected from the department as approved by a student's advisor
- At least five additional courses in a related field, as approved by an advisor. The courses may be selected from more than one teaching unit, but must have a common theme or subject area in which statistics are applied.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BS in Mathematics or Statistics and MS in Statistics

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Students receive both a BS in Mathematics or Statistics and an MS in Statistics.

Requirements

- Interested students should apply by the end of their junior year. Applicants should have a minimum grade point average of 3.20 in major courses and complete MATH-501 Probability and STAT-502 Introduction to Mathematical Statistics by the end of the junior year.
- All requirements for the BS in Mathematics or Statistics (mathematical statistics track)
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements of both degrees.
- All requirements for the MS in Mathematics, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Computational Mathematics

Administered jointly by the Department of Computer Science and Department of Mathematics and Statistics.

- 24 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- CSC-280 Introduction to Computer Science I (4)
- CSC-281 Introduction to Computer Science II (3)
- CSC/MATH-360 Tools of Scientific Computing (3)
- CSC-432 Introduction to Simulation and Modeling (3)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)

Minor in Mathematics

- 19 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- MATH-310 Linear Algebra (3)
- MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- Three additional courses numbered MATH-313 or above or STAT-202 or above, with at least two courses at the 300 level or above

Minor in Quantitative Methods

- 20 credit hours with grades of C or better and with at least 12 credit hours unique to the minor

Course Requirements

- CSC-280 Introduction to Computer Science I (4)
- MATH-310 Linear Algebra (3)
- MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- Two courses in statistics numbered STAT-3xx or above:
Students may select only one of STAT-302 Intermediate Statistics or STAT-514 Statistical Methods for credit toward the minor.

Minor in Statistics

- 20 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- MATH-221 Calculus I (4) *or*
MATH-211 Applied Calculus I (4)
- STAT-202 Basic Statistics (4)
or
STAT-203 Basic Statistics with Calculus (4)
- Four courses in statistics (STAT-xxx) at the 300 level or above (MATH-501 Probability may also be used as one of the four)
Students may select only one of STAT-302 Intermediate Statistics or STAT-514 Statistical Methods for credit toward the minor.

Undergraduate Certificate in Applied Statistics

Admission to the Program

Open to undergraduate degree and nondegree students.

Certificate Requirements

- 18 credit hours of approved coursework with at least 9 credit hours at the 300-level or above, with grades of C or better.
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 12 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- CSC-280 Introduction to Computer Science (4)
- MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- STAT-202 Basic Statistics (4)
or
STAT-203 Basic Statistics with Calculus (4)
- STAT-302 Intermediate Statistics (3)
or
STAT-514 Statistical Methods (3)

Master of Arts (MA) Mathematics

Admission to the Program

In addition to meeting the minimum university requirements for admission, applicants must have an undergraduate degree in mathematics or a related field. Graduate Record Examination (GRE) scores are required. Students entering the MA program without the appropriate background will be expected to take certain undergraduate courses as prerequisite work.

Degree Requirements

- 30 credit hours of approved graduate coursework including thesis or nonthesis option requirements
- Tool of research: proficiency in Russian, German, French, or an approved computer language
- Written comprehensive examination in mathematics
- Research requirement:
Thesis option: MATH-797 Master's Thesis Research in Mathematics (6) and an oral defense of the thesis
Nonthesis option: MATH-690 Independent Study Project in Mathematics (3) (topic to be chosen in consultation with a faculty member) requiring an oral and written presentation of the research work and 3 credit hours in approved graduate-level independent research, seminar, or research course.
All coursework for the thesis or nonthesis option must be completed with grades of B or better.

Master of Science (MS) Professional Science: Quantitative Analysis

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have taken undergraduate science courses appropriate to the concentration, or have significant practical background in a relevant science area. A cumulative undergraduate grade point average of 3.00 (on a 4.00 scale) is required. Specific courses needed to prepare for entering the program will be identified through interviews with the applicant.

Degree Requirements

- 33 credit hours of approved graduate coursework
- Capstone Experience: 6 credit hours in approved 600-level courses, with grades of B or better
- Students participate in noncredit workshops and seminars on professional skills and current issues in science and technology. Students are required to demonstrate proficiency in these areas as part of the capstone project, internship, and compulsory presentation.

Course Requirements

Core (6 credit hours)

- STAT-515 Regression (3)
- STAT-524 Data Analysis (3)

Capstone Experience (6 credit hours)

- STAT-690 Independent Study Project in Statistics (3)
- STAT-691 Internship in Statistics (3)

Management and Business Skills (6 credit hours)

- 6 credit hours from the following:
MGMT-611 Leading and Managing Change (3)
MGMT-633 Leading People and Organizations (3)
MGMT-634 Leading Teams in Modern Organizations (3)
MGMT-665 Negotiations (3)

Quantitative Analysis Concentration (15 credit hours)

- 15 credit hours from the following:
STAT-510 Introduction to Survey Sampling (3)
STAT-516 Design of Experiments (3)
STAT-517 Special Topics in Statistical Methodology (3)
STAT-519 Nonparametric Statistics (3)
STAT-520 Applied Multivariate Analysis (3)
STAT-521 Analysis of Categorical Data (3)
STAT-522 Time-Series Analysis (3)
STAT-525 Statistical Software (3)
STAT-530 Mathematical Statistics I (3)
STAT-531 Mathematical Statistics II (3)
STAT-584 Introduction to Stochastic Processes (3)

**Master of Science (MS)
Statistics****Admission to the Program**

In addition to meeting the minimum university requirements for graduate study, applicants will be expected to have an adequate background in the mathematical sciences. Graduate Record Examination (GRE) scores are required. Students entering the MS program without the appropriate background will be expected to take certain undergraduate courses as prerequisite work.

Degree Requirements

- 30–33 credit hours of approved graduate work
- Tool of research: proficiency in French, German, Russian, an approved computer language, or an approved analytical skill such as numerical, complex, or real analysis
- Written comprehensive examination
Thesis option: Mathematical Statistics
Nonthesis option: Applied Statistics: Statistical Theory and Applications
- Research requirement:
Thesis option: STAT-797 Master's Thesis Research in Statistics (3-6) requiring a formal written thesis with an oral defense
Nonthesis option: STAT-691 Internship (3) and STAT-798 Statistical Research and Consulting (3) with required oral and written presentation of the research work
All coursework for the thesis or nonthesis option must be completed with grades of B or better.

Course Requirements

- STAT-515 Regression (3)
- STAT-524 Data Analysis (3)
- STAT-525 Statistical Software (3)
- STAT-530 Mathematical Statistics I (3)
- STAT-531 Mathematical Statistics II (3)
- STAT-616 Generalized Linear Models (3)
- STAT-691 Internship in Statistics (3)

Thesis option

- STAT-797 Master's Thesis Research (3-6)
- Two additional graduate courses in mathematics or statistical theory

Nonthesis option

- STAT-510 Survey Sampling (3)
- STAT-798 Statistical Research and Consulting (1) (taken at least three times)
- Two additional graduate courses in statistical theory, methods, and applications, including approved related courses offered by other departments

Graduate Certificate in Applied Statistics**Admission to the Program**

Open to students with a bachelor's degree from an accredited institution.

Certificate Requirements

- 15 credit hours of approved coursework with grades of C or better
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- STAT-530 Mathematical Statistics I (3)
- STAT-531 Mathematical Statistics II (3)
- Three of the following:
STAT-510 Theory of Sampling I (3)
STAT-515 Regression (3)
STAT-516 Design of Experiments (3)
STAT-517 Special Topics in Statistical Methodology (3)
or
STAT-519 Nonparametric Statistics (3)

Multi-Ethnic Studies

Coordinator Keith D. Leonard, Department of Literature

Note: Faculty from other schools and departments of the university teach in the program.

Multi-Ethnic studies is an interdisciplinary program that offers a broad course of study of ethnicity in the United States and the larger world. To meet the challenges and opportunities of diversity in an increasingly multicultural and multiethnic society, the program provides students with an understanding of the rich history of ethnic and racial diversity from multiple perspectives. The minor and undergraduate certificate help students prepare for an increasingly diversified workplace and a globalized economy by encouraging them to develop an awareness of and appreciation for their ethnic experiences as part of the greater human experience.

Minor in Multi-Ethnic Studies

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor and at least 9 credit hours at the 300 level or above

Course Requirements

- IDIS-210 Contemporary Multi-Ethnic Voices (3)
- One of the following:
 - GOVT-231 Third World Politics (3)
 - HIST-210 Ethnicity in America FA4 (3)
 - SOCY-210 Power, Privilege, and Inequality FA4 (3)
- 12 credit hours in three of the following five areas: African and African American, Asian and Asian American, Jewish, Latin American and Caribbean, and Middle-Eastern
Courses should represent a mix of social sciences and the humanities. Topics courses, independent study, internship, and study abroad must be approved by the program coordinator.

North American Studies

Economic and social integration has accelerated in North America, but policy coordination and awareness of an emerging North America have not kept pace. The Center for North American Studies (CNAS) at American University aims to educate a new generation of students from all three countries—Canada, Mexico, and the United States—to begin a North American journey comparable to that begun in Europe five decades ago. The coursework examines the differences and shared characteristics of the three nations; compares the North American experiment with Europe's; and challenges students and faculty to imagine a continental future.

Undergraduate Certificate in Multi-Ethnic Studies

Admission to the Program

Open to undergraduate degree and nondegree students.

Certificate Requirements

- 18 credit hours of approved coursework with at least 9 credit hours at the 300-level or above, with grades of C or better.
- Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 12 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- IDIS-210 Contemporary Multi-Ethnic Voices (3)
- One of the following:
 - GOVT-231 Third World Politics (3)
 - HIST-210 Ethnicity in America FA4 (3)
 - SOCY-210 Power, Privilege, and Inequality FA4 (3)
- 12 credit hours in three of the following five areas: African and African American, Asian and Asian American, Jewish, Latin American and Caribbean, and Middle-Eastern
Courses should represent a mix of social sciences and the humanities. Topics courses, independent study, internship, and study abroad must be approved by the advisor.

The Center for North American Studies hosts Senior Fellows who teach special courses, which can satisfy requirements with the program coordinator's approval.

Minor in North American Studies

Note: No new students will be admitted to this program for the 2013-2014 academic year.

Graduate Certificate in North American Studies

Note: No new students will be admitted to this program for the 2013-2014 academic year.

Performing Arts: Music, Theatre, Dance, Audio Technology, and Arts Management

Chair Fernando Benadon

Full-Time Faculty

Professor Emeritus/a A.R. Mandel, N. Prevots,
G.C. Schuetze, E. Vrenios

Professor C. Jennings, J. Sapieyevski

Associate Professor Emeritus K. Baker, B. Baranovic

Associate Professor D. Abraham, F. Benadon,
G. Humphries Mardirosian, P. Oehlers, X. Varela

Assistant Professor S. Ayyagari, W. Brent, Y. Dinur,
C. Gabriel, A. Kang, K. Kippola, M. Medwin, C. Menninger,
M. Raham, J. Rivera, A. Taylor

Senior Professorial Lecturer S. Laughlin, N.J. Snider

Professorial Lecturer B. Devine, M. Heap, A. L'Ecuyer,
S. Roberts, G. Smith

Instructor M. Harvey, M. George

The Department of Performing Arts provides intensive professional training in each of its disciplines: music, theatre, musical theatre, dance, audio technology, and arts management. The programs offer a unique blend of classroom work and performance or professional experience. Each year a season of plays, musicals, large and small music ensembles, and dance concerts augments classroom learning with actual stage experience. Similarly, the arts management program provides hands-on experience through field studies and internships with local or national arts organizations. Studies in audio technology focus on electronic music production, multitrack studio recording, analog/digital electronics, and sound synthesis. The department's mission is to provide an educational experience dedicated to embracing tradition and innovation in the arts.

The Katzen Arts Center provides exceptional venues for each of the department's programs. It includes a 200-seat recital hall, a studio theatre seating up to 100, teaching studios and practice rooms, organ, piano, and percussion studios, classrooms designed for performing arts, an arts management resource center, and a library housing thousands of volumes of music scores, books, and recordings.

Dedicated to advancing the department's educational vision through excellence in performance and design, the Harold and Sylvia Greenberg Theatre on Wisconsin Ave. is a venue for theatre, musical theatre, and dance performances. In addition to a 300-seat theatre, the facility includes a scene shop, costume shop, and state-of-the-art equipment.

The Visiting Artists and Artists-in-Residence programs provide students with opportunities to meet and work with well known professionals in each of the disciplines. Visiting art professionals have included Colin Bills, Erick Hawkins, James Kronzer, Bruce Montgomery, Paul Morella, Ben Cameron, Lorin Maazel, Leonard Slatkin, Bobby McFerrin, and Patrick Stewart. Musicians-in-Residence have included Nancy Jo

Snider, Linda Allison, Teri Lazar, Osman Kivrak, Yuliya Gorenman, Noah Getz, and Jonathan Baumgarten.

The dynamic interaction of performance experience, theoretical and historical understanding, and exposure to well-established professionals is designed to prepare students for professional, research, and teaching careers in the arts and interdisciplinary fields. The Washington, DC area is the home of many prominent arts organizations, including the John F. Kennedy Center for the Performing Arts, Smithsonian Institution, Washington Ballet, Wolf Trap Foundation for the Performing Arts, National Symphony, Washington National Opera, and the Washington Performing Arts Society. In addition to study abroad options, Washington, DC's rich international culture provides students with opportunities to enhance their cultural knowledge through interactions with international artists and performing arts groups.

Teaching Certification

Students interested in teacher certification in theatre or music may take a 36-credit hour second major in secondary education or combine their degree with the MAT degree with a concentration in secondary education. For information on admission and program requirements, see the School of Education, Teaching and Health teacher preparation programs.

Bachelor of Arts (BA) Audio Production

Admission to the Program

Formal admission to the program requires a grade point average of 2.00 (on a 4.00 scale) and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 59 credit hours with grades of C or better

Course Requirements

Core Courses (32-37 credit hours)

- ATEC-101 Fundamentals of Audio Technology (3)
- ATEC-102 Audio Technology Laboratory (1)
- ATEC-301 Digital Audio Workstations I (3)
- ATEC-311 Sound Studio Techniques I (3)

- ATEC-321 Sound Synthesis I (3)
- ATEC-401 Digital Audio Workstations II (3)
- ATEC-403 Production Mixing and Mastering (3)
- ATEC-411 Sound Studio Techniques II (3)
- ATEC-421 Sound Synthesis II (3)
- ATEC-431 Studio Management (3)
- ATEC-441 Business of the Audio Industry (3)
- ATEC-450 Audio Technology Capstone (1-6)

Electives (12 credit hours)

- 12 credit hours from the following or other courses with the approval of the department:

ATEC-491 Internship (1-6)
 PHYS-300 Acoustics (3)
 PHYS-310 Electronics (4)

Area of Specialization (15 credit hours)

- An additional 15 credit hours from an area of specialization, either communication or music:

Communication

COMM-100 Understanding Media FA4 (3)
 COMM-105 Visual Literacy FA1 (3)
 COMM-330 Principles of Photography (3)
 COMM-331 Film and Video Production I (3)
 COMM-350 Digital Imaging (3)
 COMM-434 Film and Video Production II (3)
 COMM-438 Production Practicum (1-3):
 Creative Sound Techniques
 Techniques and Aesthetics of Editing
 Final Cut Pro
 Avid Editing
 Web Development
 Introduction to Gaming

Music

PERF-124 Music Theory I (3)
 PERF-125 Music Theory II (3)
 PERF-227 Musicianship I (3)
 PERF-228 Musicianship II (3)
 PERF-320 History of Rock Music (3)
 PERF-321 Evolution of Jazz and Blues (3)
 PERF-322 Music History I (3)
 PERF-323 Music History II (3)
 PERF-324 Form and Analysis (3)
 PERF-325 Counterpoint (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

**Bachelor of Science (BS)
 Audio Technology**

Admission to the Program

Formal admission to the program requires a grade point average of 2.00 (on a 4.00 scale) and the approval of the department undergraduate advisor.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 64 credit hours with grades of C or better

Course Requirements

Core Courses (29-34 credit hours)

- ATEC-101 Fundamentals of Audio Technology (3)
- ATEC-102 Audio Technology Laboratory (1)
- ATEC-301 Digital Audio Workstations I (3)
- ATEC-311 Sound Studio Techniques I (3)
- ATEC-321 Sound Synthesis I (3)
- ATEC-401 Digital Audio Workstations II (3)
- ATEC-403 Production Mixing and Mastering (3)
- ATEC-411 Sound Studio Techniques II (3)
- ATEC-421 Sound Synthesis II (3)
- ATEC-431 Studio Management (3)
- ATEC-450 Audio Technology Capstone (1-6)

Core Science Courses (14-15 credit hours)

- PHYS-100 Physics for the Modern World FA5 (4) *and*
 PHYS-200 Physics for the New Millennium FA5 (3)
 or
 PHYS-105 General Physics I FA5 (4) *and*
 PHYS-205 General Physics II FA5 (4)
 or
 PHYS-110 Principles of Physics I FA5 (4) *and*
 PHYS-210 Principles of Physics II FA5 (4)
- PHYS-300 Acoustics (3)
- PHYS-310 Electronics (4)

Electives (6 credit hours)

- 6 credit hours from the following or other courses with the approval of the department:
 ATEC-441 Business of the Audio Industry (3)
 ATEC-491 Internship (1-6)
 PHYS-300 Acoustics (3)
 COMM-105 Visual Literacy FA1 (3)
 COMM-438 Production Practicum:
 Creative Sound Techniques (3)
 PERF-120 Music Fundamentals (3)
 PERF-124 Music Theory I (3)
 PERF-125 Music Theory II (3)
 PERF-227 Musicianship I (3)
 PERF-228 Musicianship II (3)

Area of Specialization (15 credit hours)

- an additional 15 credit hours from an area of specialization, either computer science or physics:

Computer Science

- CSC-280 Introduction to Computer Science I (4)
- CSC-281 Introduction to Computer Science II (3)
- CSC-330 Organization of Computer Systems (4)
- CSC-520 Algorithms and Data Structures (3)
- CSC-521 Design and Organization of Programming Languages (3)
- CSC-565 Operating Systems (3)

Physics

- PHYS-331 Modern Physics (3)
- PHYS-351 Waves and Optics (3)
- PHYS-430 Classical Mechanics (3)
- PHYS-440 Experimental Physics (3)
- PHYS-450 Electricity and Magnetism (3)
- PHYS-470 Introduction to Quantum Mechanics (3)

University Honors Program

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Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Music

American University is an accredited institutional member of the National Association of Schools of Music (NASM).

Admission to the Program

Formal admission to the music major requires demonstrated ability through an audition and interview arranged with the department, preferably prior to beginning university studies. However, a student may enter as an intended major and audition/interview during the first year. Students will be accepted based on programmatic approval and written declaration of major.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 53 credit hours with grades of C or better
- Applied Music Lesson requirement: all students must successfully complete a minimum of four semesters of MUS-122 Private Instrumental or Vocal Study on a principal instrument or voice; music majors must enroll for a one-hour lesson each week and attend the weekly music performance lab (MUS-001).
- Jury examinations must be undertaken at the end of each semester except when the student is presenting a recital in MUS-334 or MUS-434.
- Performance Ensemble requirements: All students must successfully complete a minimum of four semesters of approved performance ensembles. Music majors must enroll in a performance ensemble in all semesters in which they are enrolled in applied music lessons.

Music Prerequisite Courses

These courses are waived for students with equivalent music experience:

- PERF-111 Class Piano Level I (1)
- PERF-112 Class Piano Level II (1)
- PERF-120 Music Fundamentals (3) with a grade of B or better

Course Requirements

- PERF-124 Music Theory I (3)
- PERF-125 Music Theory II (3)
- PERF-227 Musicianship I (3)
- PERF-228 Musicianship II (3)
- PERF-322 Music History I: From Antiquity to 1750 (3)

- PERF-323 Music History II: 1750 to Present (3)
- PERF-324 Form and Analysis (3)
- PERF-325 Counterpoint (3)
- PERF-445 Senior Capstone: Music (3)
- A minimum of 8 credit hours in MUS-122 Private Instrumental or Vocal Study (2)
- A minimum of 4 credit hours in performance ensembles:
 - PERF-142/542 University Chorus (1)
 - PERF-143/543 University Singers (2)
 - PERF-144/544 University Orchestra (1)
 - PERF-145/545 Chamber Ensembles (1)
 - PERF-146/546 Jazz Orchestra (1)
 - PERF-147 Symphonic Band (1)
 - PERF-161/561 Gospel Choir (1)

Area of Concentration

- A minimum of 14 credit hours in an area of concentration. Students may select from the following or design an individual area of concentration with approval of their academic advisor and the director of music. Examples of individually designed areas include music production, international arts management, and music criticism.

Arts Management (15 credit hours)

- ACCT-240 Principles of Financial Accounting (3)
- ACCT-241 Principles of Managerial Accounting (3)
- or*
- ECON-200 Microeconomics FA4 (3)
- ECON-100 Macroeconomics FA4 (3)
- MKTG-300 Principles of Marketing (3)
- PERF-570 Survey of Arts Management (3)

Composition (16 credit hours)

- MUS-122 Private Instrumental or Vocal Study: Composition (2) three semesters for a total of 6 credit hours
- MUS-434 Private Instrumental or Vocal Study: Senior Recital (4)
- PERF-326 Orchestration (3)
- PERF-435 Topics in Music (3) (approved topic)

Jazz Studies (16 credit hours)

- MUS-122 Private Instrumental or Vocal Study (2) three additional semesters for a total of 6 credit hours
- MUS-434 Private Instrumental or Vocal Study: Senior Recital (4)
- PERF-226 Improvisation (3)
- PERF-321 The Evolution of Jazz and Blues (3)

Performance (16 credit hours)

Vocal Performance

- MUS-122 Private Instrumental or Vocal Study (2) three additional semesters for a total of 6 credit hours
- MUS-434 Private Instrumental or Vocal Study: Senior Recital (4)

- PERF-251 Fundamentals of Acting I (3)
- PERF-356 Diction for Singers (3)
German, Italian, or French language courses are recommended

Instrumental Performance

- MUS-122 Private Instrumental or Vocal Study (2) three additional semesters for a total of 6 credit hours
- MUS-434 Private Instrumental or Vocal Study: Senior Recital (4)
- PERF-435 Topics in Music (3) (approved topic)
- PERF-550 Chamber Ensembles (1) three semesters for a total of 3 credit hours

History and Literature or Anthropology of Music (15 credit hours)

- HIST-100 History, Memory, and the Changeable Past FA2 (3)
- HIST-xxx or ANTH-xxx approved course (3)
- PERF-435 Topics in Music (3) (approved topic) (two courses for a total of 6 credit hours)
- PERF-491 Performing Arts: Internship (1–6)
or
PERF-435 Topics in Music (3) (approved topic)
- Senior thesis written project submitted for PERF-445 Senior Capstone: Music

Theory (15 credit hours)

- PERF-326 Orchestration (3)
- PERF-435 Topics in Music (3) (approved topic) (three courses for a total of 9 credit hours)
- PERF-585 Creative Theories and Criticism in Performing Arts (3)
- Senior thesis written project submitted for PERF-445 Senior Capstone: Music

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Performing Arts: Musical Theatre

Admission to the Program

Formal admission to the major requires demonstrated talent through an audition arranged with the department, preferably prior to beginning university studies. However, a student may enter as an intended major and audition once matriculated. Students will be accepted based on programmatic approval and written declaration of major.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 51 credit hours with grades of C or better
Students who wish to study abroad must receive prior approval from their advisor in order to ensure that appropriate courses will transfer and that scholarships and financial aid will apply.
- Participation in a minimum of four department productions in either a performance or technical capacity. One of these must be done as stage manager or assistant stage manager and one must be in another technical capacity.

Course Requirements

Core (24 credit hours)

- PERF-115 Theatre: Principles, Plays, and Performance FA1 (3)
- PERF-251 Fundamentals of Acting I (3)
- PERF-260 Stagecraft (3)
- PERF-261 Introduction to Stage Design (3)
- PERF-262 Stage Management (1)
- PERF-265 Theatre Practicum (1) (taken twice for a total of 2 credit hours)
- PERF-365 Theatre History I: From the Greeks to the Eighteenth Century (3)
- PERF-366 Theatre History II: From the Nineteenth Century to the Present (3)
- PERF-445 Senior Capstone: Musical Theatre (3)

Musical Theatre (27 credit hours)

- PERF-227 Musicianship I (3)
- PERF-228 Musicianship II (3)
- PERF-252 Fundamentals of Acting II (3)

- PERF-340 From Scene into Song (3)
- PERF-346 Survey of Musical Theatre (3)
- PERF-455 Dance Styles for Musical Theatre (3)
- PERF-456 Acting IV: Audition Techniques (3)
- 3 courses in dance techniques from the following, taken over three different semesters, for a minimum total of 3 credits hours:
 - PERF-109 Dance Practicum (1)
 - PERF-209 Dance Practicum (1)
 - PERF-309 Dance Practicum (1)
 - PERF-409 Dance Practicum (1)
- 3 courses in vocal techniques from the following, taken over three different semesters, for a minimum total of 3 credit hours:
 - MUS-121 Private Study: Voice (1)
 - MUS-122 Private Study: Voice (2)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Performing Arts: Theatre

Admission to the Program

Formal admission to the major requires demonstrated talent through an audition portfolio review arranged with the department, preferably prior to beginning university studies. However, a student may enter as an intended major and have an audition or portfolio review during the first year. Students will be accepted based on programmatic approval and written declaration of major.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Tracks

Performance, Design/Production, Arts Management, or Theatre Arts

Major Requirements

- 51 credit hours with grades of C or better
Students who wish to study abroad must receive prior approval from their advisor in order to ensure that appropriate courses will transfer and that scholarships and financial aid will apply.
- Participation in a minimum of four department productions in either a performance or technical capacity. One of these must be done as stage manager or assistant stage manager and one must be in another technical capacity.

Course Requirements**Core (24 credit hours)**

- PERF-115 Theatre: Principles, Plays, and Performance FA1 (3)
- PERF-251 Fundamentals of Acting I (3)
- PERF-260 Stagecraft (3)
- PERF-261 Introduction to Stage Design (3)
- PERF-262 Stage Management (1)
- PERF-265 Theatre Practicum (1) (taken twice for a total of 2 credit hours)
- PERF-365 Theatre History I: From the Greeks to the Eighteenth Century (3)
- PERF-366 Theatre History II: From the Nineteenth Century to the Present (3)
- PERF-445 Senior Capstone: Theatre (3)
- One of the following tracks:

Performance (27 credit hours)

Placement audition required

- PERF-252 Fundamentals of Acting II (3)
- PERF-308 The Moving Body (3)
- PERF-350 Fundamentals of Acting III (3)
- PERF-355 Speech and Voice (3)
- PERF-450 Rotating Topics in Theatre (3) (taken two times for a total of 6 credit hours)

or

PERF-490 Independent Study Project (3) (may be substituted for one PERF-450 topic)

- PERF-452 Directing Techniques (3)
- PERF-456 Acting IV: Audition Techniques (3)
- PERF-457 Playwriting (3)

Design/Production (27 credit hours)

- ARTH-105 Art: The Historical Experience FA1 (3)
- ARTS-100 Art: The Studio Experience FA1 (3)
- PERF-362 Lighting Design (3)
- PERF-364 Basics of Scene and Costume Design (3)
- PERF-450 Rotating Topics in Theatre (3)
- PERF-452 Directing Techniques (3)

- PERF-457 Playwriting (3)
- PERF-490 Independent Study Project (3)
or
PERF-491 Performing Arts: Internship (3)
- Additional area of specialty course approved by advisor (3)

Arts Management (27 credit hours)

- ACCT-240 Principles of Financial Accounting (3)
- ECON-100 Macroeconomics FA4 (3)
- PERF-362 Lighting Design (3)
or
PERF-364 Basics of Scene and Costume Design (3)
- PERF-450 Rotating Topics in Theatre (3) or other area of specialty course approved by advisor (for a total of 6 credit hours)
- PERF-452 Directing Techniques (3)
- PERF-457 Playwriting (3)
- PERF-490 Independent Study Project (3)
or
PERF-491 Performing Arts: Internship (3)
- PERF-570 Survey of Arts Management (3)

Theatre Arts (27 credit hours)

- PERF-252 Fundamentals of Acting II (3)
- PERF-308 The Moving Body (3)
or
PERF-355 Speech and Voice (3)
- PERF-362 Lighting Design (3)
or
PERF-364 Basics of Scene and Costume Design (3)
- PERF-450 Rotating Topics in Theatre (3)
- PERF-452 Directing Techniques (3)
- PERF-457 Playwriting (3)
- 9 credit hours in additional area of specialty courses approved by advisor

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Audio Technology

- 22 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- ATEC-101 Fundamentals of Audio Technology (3)
- ATEC-102 Audio Technology Laboratory (1)
- ATEC-301 Digital Audio Workstations I (3)
- ATEC-311 Sound Studio Techniques I (3)
- ATEC-401 Digital Audio Workstations II (3)
- ATEC-411 Sound Studio Techniques II (3)
- 6 credit hours from the following:
ATEC-321 Sound Synthesis I (3)
ATEC-403 Production Mixing and Mastering (3)
ATEC-421 Sound Synthesis II (3)
ATEC-441 Business of the Audio Industry (3)
ATEC-450 Audio Technology Capstone (1–6)

Minor in Dance

- 22 credit hours with grades of C or better, with a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor
Students intending to pursue the dance minor must be assigned a departmental advisor. Students must achieve some proficiency in dance theatre performance. Required levels of proficiency are decided individually in conference with the director of the dance program, and take into account the student's interests, background, and abilities in dance.

Course Requirements

- PERF-200 Dance as an Art Form FA1 (3)
- PERF-307 Principles of Movement (3)
- PERF-411 Composition of Dance I (3)
- PERF-455 Dance Styles for Musical Theatre (3)
or
PERF-308 The Moving Body (3)
- At least two 3-credit dance technique courses at the intermediate or advanced level from the following:
PERF-202 Modern Dance II (3)
PERF-203 Intermediate Jazz Dance (3)
PERF-204 Intermediate Ballet (3)
PERF-208 Intermediate Tap Dance (3)
PERF-302 Modern Dance III (3)
PERF-404 Advanced Ballet (3)
- At least four 1-credit dance technique courses at the intermediate or advanced level:
PERF-209 Dance Practicum (1):
Modern Dance II
Intermediate Jazz Dance
Intermediate Ballet
Intermediate Tap Dance
PERF-309 Dance Practicum: Modern Dance III (1)
PERF-409 Dance Practicum: Advanced Ballet (1)

Minor in Music

- 21 credit hours with grades of C or better, with a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

Performance Focus

- PERF-124 Music Theory I (3)
- PERF-125 Music Theory II (3)
- PERF-227 Musicianship I (3)
- PERF-322 History of Music I: from Antiquity to 1700 (3)
or
PERF-323 History of Music II: from 1700 to the Present (3)
- Three semesters of MUS-122 Private Study (2) for a total of 6 credit hours
- 3 credit hours in music electives at the 300-level or above
- Music minors with a performance focus must successfully participate in a performance ensemble for a minimum of four semesters.

Academic Focus

- PERF-124 Music Theory I (3)
- PERF-125 Music Theory II (3)
- PERF-227 Musicianship I (3)
- PERF-322 History of Music I: from Antiquity to 1700 (3) *or*
PERF-323 History of Music II: from 1700 to the Present (3)
- 9 credit hours in music electives at the 300-level or above

Minor in Theatre

- 22 credit hours with grades of C or better with at least 12 credit hours unique to the minor
Students intending to pursue the theatre minor must be assigned a departmental advisor.

Course Requirements

- PERF-115 Theatre: Principles, Plays, and Performance FA1 (3)
- PERF-251 Fundamentals of Acting I (3)
- PERF-260 Stagecraft (3)
- PERF-261 Introduction to Stage Design (3)
- PERF-265 Theatre Practicum (1)
- PERF-365 Theatre History I: From the Greeks to the Eighteenth Century (3) *or*
PERF-366 Theatre History II: From the Nineteenth Century to the Present (3)
- One of the following:
PERF-450 Rotating Topics in Theatre (3)
PERF-452 Directing Techniques (3)
PERF-457 Playwriting (3)
- One of the following:
PERF-252 Fundamentals of Acting II (3)
PERF-350 Fundamentals of Acting III (3)
PERF-362 Lighting Design (3)
PERF-364 Basics of Scene and Costume Design (3)

Master of Arts (MA) Arts Management

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have completed at least nine undergraduate courses in theatre, dance, music, or visual arts, one-third of which must be advanced work or its equivalent. Equivalent training is understood to be four or more years' experience in a professional company or organization. Students applying to the program with this background will be asked for an interview. Two letters of recommendation and Graduate Record Examination (GRE) scores are required. Provisional admission may be granted and is removed at the completion of 12 credit hours of coursework with a minimum grade point average of 3.00.

Degree Requirements

- 39 credit hours of approved graduate work
- Advancement to candidacy on completing 12 to 18 credit hours with a grade point average of 3.00 or higher, removing any undergraduate deficiencies, and with the written recommendation of the student's faculty advisor
- A four-hour comprehensive examination covering three areas: arts management, and two areas of specialization
- 6 credit hours from one of the following with grades of B or better:
Non-thesis option:
PERF-702 Masters Portfolio Seminar
PERF-793 Directed Research in the Arts
Thesis option: PERF-797 Master's Thesis Seminar

Course Requirements

- PERF-570 Survey of Arts Management (3)
- PERF-571 Marketing in the Arts (3)
- PERF-580 Cultural Policy and the Arts (3)
- PERF-673 Fund-Raising Management for the Arts (3)
- PERF-674 Financial Management in the Arts (3)
- PERF-675 Governance and Board Development (3)
- PERF-691 Performing Arts: Internship (3)
- 6 credit hours from the following:
PERF-702 Master's Portfolio Seminar (1-6)
PERF-793 Directed Research in the Arts (1-6)
PERF-794 Literature and Proposal Writing (2)
PERF-795 Research and Writing (1)
PERF-797 Master's Thesis Seminar (1-6)
PERF-798 Seminar in Arts Management (2)
- 3 credit hours in approved arts-related courses
- 9 credit hours in approved elective courses including business administration, communication, and public administration

Master of Arts (MA) Audio Technology

Admission to the Program

Applicants must meet the minimum university requirements for graduate study.

Degree Requirements

- 30 credit hours of approved graduate work
- Capstone experience: ATEC-750 meets the university requirement

Course Requirements

Core

- ATEC-611 Advanced Recording Seminar (3)
- ATEC-650 Audio Technology Seminar (3)
- ATEC-651 Digital Audio Analysis (3)
- ATEC-652 Critical Listening (3)
- ATEC-750 Capstone (3)

Electives

- 9 credit hours from one or both of the following areas of concentration:

Music Recording and Production

- ATEC-514 Audio Mastering (3)
- ATEC-604 Digital Audio Production Seminar (3)
- ATEC-613 Advanced Concepts in Audio Mixing (3)

Computer Music

- ATEC-522 Real-time Performance Workshop (3)
- ATEC-524 Digital Instrument Design (3)
- ATEC-621 Advanced Sound Synthesis (3)

- 6 credit hours in approved elective courses

Graduate Certificate in Arts Management

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must have completed nine or more courses in theatre, dance, music, or visual arts, one third of which should be advanced work or equivalent training. Equivalent training is four or more years' experience in a professional organization. Students are encouraged to schedule a personal interview with the program director.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit

hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- PERF-570 Survey of Arts Management (3)
- PERF-571 Marketing in the Arts (3)
- PERF-673 Fund-Raising Management for the Arts (3)
- or*
- PERF-580 Cultural Policy and the Arts (3)
- 6 credit hours in approved courses at the 500 or 600-level

Graduate Certificate in Audio Production

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution.

Certificate Requirements

- 15 credit hours of approved coursework, with grades of C or better

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- ATEC-604 Digital Audio Production Seminar (3)
- ATEC-611 Advanced Recording Seminar (3)
- ATEC-613 Advanced Concepts in Audio Mixing (3)
- ATEC-650 Audio Technology Seminar (3)
- ATEC-652 Critical Listening (3)

Graduate Certificate in International Arts Management

Administered jointly by the School of International Service and College of Arts and Sciences (Department of Performing Arts), this certificate is a symbol of professional achievement widely recognized by international organizations, non-profit agencies, and corporate and government employers. The program is designed for individuals who want an advanced academic credential without necessarily enrolling in a degree program.

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit all official transcripts along with a one-page statement of purpose. International students whose native language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language

Testing Systems (IELTS) unless they hold a degree from a US-accredited institution prior to enrollment at American University. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 18 credit hours of approved coursework with grades of C or better, with at least 6 credit hours at the 600-level or above. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

International Communication

- SIS-628 Advanced Topics in International Communication: Public Diplomacy (3)
- SIS-642 Intercultural Relations (3)
- SIS-645 International Communication and Cultural Policy (3)

Arts Management

- PERF-570 Survey of Arts Management (3)
- PERF-596 Selected Topics: Non-recurring (3) (approved topic)
- PERF-690 Independent Study in the Performing Arts (3)

Graduate Certificate in Technology in Arts Management

This certificate is a symbol of professional achievement widely recognized by international organizations, non-profit agencies, and corporate and government employers. The program is designed for individuals who want an advanced academic credential without necessarily enrolling in a degree program. The certificate is designed not for those seeking to enhance aesthetic skills, but those wishing to advance technology skills related to management of the arts.

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit all official transcripts along with a one-page statement of purpose. International students whose native language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing Systems (IELTS) unless they hold a degree from a US-accredited institution prior to enrollment at American University. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 12 credit hours of approved coursework with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours

each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- PERF-503 Technology and Fundraising (3)
- PERF-572 Introduction to Technology in Arts Management (3)
- PERF-573 Technology and Marketing the Arts (3)
- PERF-672 Rotating Topics in Arts Management: Data and Decision-Making through Arts Management Technology (3)

Philosophy and Religion

Chair Amy A. Oliver

Full-Time Faculty

William Fraser McDowell Professor J.H. Reiman

Professor Emeritus C.D. Hardwick, C.S.J. White

Professor G. Greenberg

Associate Professor Emeritus D.F.T. Rodier, P.H. Scribner

Associate Professor F. Erfani, E. Feder, A. Oliver, J. Park, S. Pathak, A. Tschemplik

Assistant Professor E. Berry, K. Leighton, L. Weis

Professorial Lecturer J. Marquis, M. Oliver

Philosophy explores the nature of the world, the basis of human values, and the foundations of reason. Philosophy also offers the challenge of interpreting the work of thinkers who have created our intellectual traditions.

The study of philosophy provides excellent preparation for law, medicine, social work, the ministry, and other professional careers. Many positions in science and industry require the kinds of analytical skills gained through the study of philosophy. Philosophy teaches precision in reasoning and clarity in expression—assets in any field. Alumni of the BA and MA programs have pursued graduate work in philosophy and related areas such as political science, psychology, history, literature, and other professional programs.

The study of Western and Eastern religious traditions introduces students to a major influence on all civilizations. Journalists, diplomats, and government specialists benefit from a serious consideration of the inner workings of the religious ethos of civilizations. Daily events remind us that there is no more motivating factor in the cultures of nations than ardently held religious belief. A thorough understanding of the modern world requires familiarity with its religious heritage. American University's Washington, DC setting is advantageous for the study of religion, with national offices and centers for many religions in the metropolitan area. The Consortium of Universities of the Washington Metropolitan Area also offers a variety

of courses in philosophy and religion that are available to American University students.

The Department of Philosophy and Religion annually awards the Col. Harold and Ruth Pearson Prize in Philosophy to one or more majors who have demonstrated excellence in the study of philosophy.

Bachelor of Arts (BA) Philosophy

Admission to the Program

Admission is through a formal declaration of major.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better including 15 credit hours at the 300-level or above, and up to 6 credit hours in religion

Course Requirements**History of Philosophy (9 credit hours)**

- PHIL-105 Western Philosophy FA2 (3)
- 6 credit hours in approved coursework at the 300-level or above

Moral and Political Philosophy (9 credit hours)

- PHIL-220 Moral Philosophy FA2 (3)
or
PHIL-235 Theories of Democracy and Human Rights FA2 (3)
- 6 credit hours in approved coursework at the 300-level or above

Critical Perspectives (6 credit hours)

- 6 credit hours from the following:
PHIL-413 Studies in Asian Philosophy (3)
PHIL-416 Feminist Philosophy (3)
PHIL-417 Race and Philosophy (3)
PHIL-418 Chinese Philosophy (3)
PHIL-485 Selected Topics in Philosophy:
Latin American Thought (3)
Philosophy and Film (3)
RELG-210 Non-Western Religious Traditions FA3 (3)
RELG-473 Hinduism (3)
Approved philosophy or religion course

Concentration (9 credit hours)

- 9 credit hours in a subspecialty in philosophy, such as applied ethics or aesthetics, which may include courses outside the department with approval of the department's director of undergraduate studies.

Electives (6 credit hours)

- 6 credit hours in approved coursework

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MA in Philosophy

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BA and the MA in Philosophy.

Requirements

- Undergraduate philosophy majors should apply for admission to the BA/MA program by the end of the junior year. Admission is open to undergraduates with a minimum grade point average of 3.00 overall and in philosophy courses. Applications must be accompanied by two letters of recommendation, a statement of purpose, and an academic writing sample. Students should discuss their interest in the program with members of the faculty before submitting a formal application.

- All requirements for the BA in Philosophy
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.
- All requirements for the MA in Philosophy, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

**Bachelor of Arts (BA)
Religious Studies****Admission to the Program**

Admission is through a formal declaration of major. The department counsels freshmen and new transfer students.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better, with a minimum of 24 credit hours taken in the Department of Philosophy and Religion

Course Requirements

- RELG-105 Religious Heritage of the West FA2 (3)
- RELG-185 Forms of the Sacred: Religions of the East FA3 (3)
- RELG-210 Non-Western Religious Traditions FA3 (3)
or
RELG-220 Religious Thought FA2 (3)
- RELG-330 Approaches to Studying Religion (3)
- RELG-391 Internship (3)
- 9 credit hours in religion courses from the following:
RELG-470 Islam (3)
RELG-471 Topics in Jewish Religion (3)
RELG-472 Religion in America (3)
RELG-473 Hinduism (3)
RELG-475 Religion and Violence (3)
RELG-486 Topics in Religious Discussion (3)
- 6 credit hours in philosophy courses from the following:
PHIL-220 Moral Philosophy FA2 (3)

- PHIL-235 Theories of Democracy and Human Rights FA2 (3)
- PHIL-400 Ancient Philosophy (3)
- PHIL-418 Chinese Philosophy (3)
- PHIL-419 Buddhist Philosophy (3)
- PHIL-520 Seminar on Ethical Theory (3)
- PHIL-525 Seminar on Modern Moral Problems (3)

- 9 credit hours from the following:
 - ANTH-330 Magic, Witchcraft, and Religion (3)
 - ANTH-331 Taboos
 - HIST-239 Topics in European History (3) (approved topics)
 - HIST-245 Modern Jewish Civilization (3)
 - HIST-344 Topics in Jewish History (3) (approved topics)
 - JWST-320 Topics in Jewish Culture (3)
 - PSYC-335 Psychology of Religion (3)
 - SIS-514 Spirituality and Global Politics (3)
 - SOCY-315 Classical Social Theory (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Philosophy

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor, and at least 9 credit hours at the 300 level or above

Course Requirements

- 3 credit hours from the following:
 - PHIL-105 Western Philosophy FA2 (3)
 - PHIL-400 Ancient Philosophy (3)
 - PHIL-401 Early Modern Philosophy (3)
- 15 credit hours in philosophy courses, which may include 3 credit hours in religion. *Note:* PHIL-391 Internship in Philosophy may not be counted toward the minor.

Minor in Religion

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor, and at least 9 credit hours at the 300 level or above

Course Requirements

- 6 credit hours from the following:
 - RELG-105 Religious Heritage of the West FA2 (3)
 - RELG-185 Forms of the Sacred: Religions of the East FA3 (3)
 - RELG-210 Non-Western Religious Traditions FA3 (3)
 - RELG-220 Religious Thought FA2 (3)
- 12 credit hours in religion courses, which may include 3 credit hours in RELG-391 Internship in Religious Studies and 3 credit hours in philosophy.

Undergraduate Certificate in Applied Ethics and Professional Responsibility

The public is increasingly concerned with matters of ethics in the everyday conduct of professional life. Both as a society and as members of professional communities, individuals are measuring their and others' actions in accordance with ethical norms. Ethical engagement demands that actors be able to articulate and justify not only their actions, but also the process of decision making behind those actions and its guiding framework.

The Undergraduate Certificate in Applied Ethics and Professional Responsibility includes a core in ethics and philosophy that offers a foundation on which students build their understanding of professional responsibilities in their chosen fields. Students learn to support and defend their own ethical positions and to judge the adequacy of others' claims. They gain insight into our understanding of right and wrong as well as into judgments about matters of social justice and human rights, and will be prepared as members of their professional communities to both follow and define ethical guidelines and codes of conduct. Completing the certificate enhances a student's candidacy for positions in business by signaling to potential employers an appreciation for the complexities of professional life. It also provides students with essential leadership tools, thereby accelerating their progress beyond the entry level to decision-making positions.

Admission to the Program

Open to undergraduate degree and nondegree students.

Certificate Requirements

- 18 credit hours of approved coursework with at least 9 credit hours at the 300-level or above. For core courses to count toward the certificate, students must receive a grade of B or better; for elective courses a grade of C or better is required. Grades of C- or D in certificate program courses will not be accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 2.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 12 credit

hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- MGMT-201 Global Corporate Citizenship (3)
- PHIL-220 Moral Philosophy FA2 (3)
- PHIL-240 Ethics in the Professions FA4 (3)
- 9 credit hours from the following:
 - KSB-456 Management Communications for Social Responsibility (3)
 - MGMT-360 Nonprofit and Social Entrepreneurship (3)
 - MGMT-391 Internship in Management (1-6) (approved by advisor)

or

PHIL-391 Internship in Philosophy (1-6) (approved by advisor)

PHIL-525 Seminar on Modern Moral Problems (3)

other approved courses in business, management, or philosophy at the 300-level or above

Master of Arts (MA) Philosophy

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission is based on academic record, two letters of recommendation, a statement of purpose, and an academic writing sample. The Graduate Record Examination (GRE) General is required.

Tracks

History of Philosophy or Philosophy and Social Policy

Degree Requirements

- 33 credit hours of approved graduate work
- **History of Philosophy Track**
- Qualifying research paper focusing on a major text by a single figure in the history of Western or non-Western philosophy
- Comprehensive examination requirement: submission of two qualifying papers, including one from a historical period of philosophy and one from feminist, Latin American, Asian philosophy, or critical race theory

Philosophy and Social Policy Track

- Substantial research paper analyzing the ethical and social issues arising from the student's internship experience
- Comprehensive examination requirement: submission of two qualifying papers, including one in theoretical or applied ethics and one in nineteenth or twentieth century philosophy

Course Requirements

History of Philosophy Track (33 credit hours)

- 33 credit hours of approved graduate coursework
- **Philosophy and Social Policy Track (33 credit hours)**
- 6 credit hours from the following:
 - PHIL-520 Seminar on Ethical Theory (3)

PHIL-525 Seminar on Modern Moral Problems (3)
approved course in either ethics or applied ethics

- 6 credit hours from the following:
 - PHIL-602 Nineteenth Century Philosophy (3)
 - PHIL-603 Twentieth Century Philosophy (3)
 - approved course in the history of philosophy
- PHIL-691 Internship in Philosophy (3)
- 6 credit hours in applied philosophy, with departmental approval
- 6 credit hours in philosophy or religion, with departmental approval
- 6 credit hours in social science or social policy from fields such as economics, sociology, anthropology, government, public administration, and justice, with departmental approval

Master of Arts (MA) Ethics, Peace, and Global Affairs

The MA in Ethics, Peace, and Global Affairs is an interdisciplinary program administered jointly by the School of International Service (SIS) and the Department of Philosophy and Religion in the College of Arts and Sciences (CAS).

Admission to the Program

Students may apply to either the Department of Philosophy and Religion or the School of International Service. In addition to meeting the minimum university requirements for graduate study, Graduate Record Examination (GRE) scores are required. Students applying to SIS must apply by January 15 for fall and October 1 for spring to be considered for merit-based aid.

Degree Requirements

- 39 credit hours of approved graduate work with a cumulative GPA of 3.00, including 18 credit hours in the core, 6 credit hours of research methodology, 3 credit hours of capstone coursework, 9 credit hours in an area of concentration, and 3 credits hours in elective coursework that complements the chosen concentration
- Capstone experience: demonstration of research and writing skills through completion of a substantial research paper requirement, a thesis, or an integrated professional research experience

Course Requirements

Core (18 credit hours)

- PHIL-525 Seminar on Modern Moral Problems (3)
- PHIL-693 Global Ethics (3)
- SIS-607 Peace Paradigms (3)
- SIS-622 Human Rights (3)
- One course from the following:
 - PHIL-520 Seminar on Ethical Theory (3)
 - PHIL-616 Feminist Philosophy (3)
 - PHIL-617 Race and Philosophy (3)
 - PHIL-655 Philosophy of Religion (3)
 - PHIL-702 Graduate Seminar in Philosophy (3) (topics)
- One course from the following:
 - SIS-517 Gender and Conflict (3)
 - SIS-519 Special Studies in International Politics: Human Rights and Conflict (3)

SIS-610 Theories of Violence and War (3)
SIS-621 International Law and the Legal Order (3)
SIS-625 International Organizations (3)

Research Methodology (6 credit hours)

- Two courses from the following:
ANTH-652 Anthropological Research Design (3)
SIS-600 Statistics, Research Design, and Research Methods (3)
SIS-612 Qualitative Research Methods in Peace and Conflict Resolution (3)
SIS-680 Topics in Research Methods in International Affairs: Qualitative Methods and Methodology (3)
SOCY-620 Social Research Methods (3)
Approved graduate seminar in Philosophy *and* one qualifying paper
Another approved methodology course
- **Capstone Experience (3 credit hours)**
- One course from the following:
PHIL-691 Internship in Philosophy (3)

PHIL-797 Master's Thesis Research (3-6) (may include 3 elective credit hours)

SIS-793 Practicum in International Affairs (3)

SIS-795 Master's Research Requirement (3)

SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)

Concentration (9 credit hours)

- Three thematically related courses in one of the following areas, or in another academically sound concentration approved by the student's faculty advisor:

Peace and Conflict Resolution

Human Rights and Social Justice

Global Environmental Justice

Ethics of Development

International Economic Justice

Global Governance and International Organizations

Elective (3 credit hours)

- 3 credit hours from skills workshops, master's thesis requirement, or other elective courses chosen in consultation with faculty and advisor

Physics

Chair N.L. Harshman

Full-Time Faculty

Professor Emeritus R. Berendzen, R.B. Kay, H.R. Reiss, R.A. Segnan, R.V. Waterhouse, J.A. White

Professor U. J. Sofia

Associate Professor N.L. Harshman, P. Johnson, T. Larkin

Assistant Professor G. Harry, J. Uscinski

Research Assistant Professor D. Poullos

A background in physics prepares students for diverse fields such as astronomy, medicine, engineering, architecture, consulting, acoustics, science education, science policy, as well as physics. Physics courses explore physical phenomena and properties of the universe like mechanics, gravitation, electricity and magnetism, atomic and nuclear structure, waves and optics, and the properties of matter and energy. During coursework, students acquire skills with the theoretical and experimental tools required for the practice of physics and astronomy. At the same time, students come to appreciate how the intersection of science and technology has shaped history and society.

The department's education facilities include laboratories equipped with modern technology and multiple teaching spaces tailored to foster interactive learning. All physics majors are required to participate in undergraduate research experiences

mentored by faculty members or by colleagues at any of the many science research institutions in the Washington, DC area. The department's faculty members are active in research in multiple subfields of physics including optics, atomic and condensed matter theory, astrophysics, particle physics, physics education, quantum information, and gravitational physics.

The Department of Physics offers two majors: BS in Physics and BA in Physics. The BS in Physics prepares students for graduate school in physics and related fields and for careers in science and technology. Also, students with the BS in Physics have the technical and computing skills to qualify them for jobs at research laboratories and technical consulting firms. The BS in Physics program has three tracks: traditional physics, chemical physics, and computational physics. The BA in Physics is designed to give students a strong scientific background, but allow them more flexibility to complete additional academic programs and to pursue other interests. The BA in Physics program is ideal for students preparing for fields in science policy, science education, science communication, patent law, and related interdisciplinary careers. Additionally, the department offers two minors in physics and applied physics that enrich a student's academic program by providing complementary knowledge, skills and experience. Previous students have leveraged the physics background from their minors into interesting career opportunities.

Bachelor of Arts (BA) Physics

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale) and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 48 credit hours with grades of C or better

Course Requirements

Core (36 credit hours)

- CSC-280 Introduction to Computer Science I (4)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-313 Calculus III (4)
- PHYS-110 Principles of Physics I FA5 (4)
- PHYS-210 Principles of Physics II FA5 (4)
- PHYS-331 Modern Physics (3)
- PHYS-351 Waves and Optics (3)
- PHYS-440 Experimental Physics (3)
- PHYS-480 Physics Capstone Seminar (3)

Electives (12 credit hours)

- 12 credit hours from the following:
 - PHYS-300 Acoustics (3)
 - PHYS-310 Electronics (4)
 - PHYS-360 Astrophysics (3)
 - PHYS-380 Mathematical and Computational Physics (3)
 - PHYS-430 Classical Mechanics (3)
 - PHYS-450 Electricity and Magnetism (3)
 - PHYS-460 Statistical Mechanics (3)
 - PHYS-470 Introduction to Quantum Mechanics (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students

in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Science (BS) Physics

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale) and departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Tracks

Chemical Physics, Computational Physics, or Traditional Physics

Major Requirements

- 63 credit hours with grades of C or better

Course Requirements

Core (51 credit hours)

- CSC-280 Introduction to Computer Science I (4)
- MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- MATH-310 Linear Algebra (3)
- MATH-313 Calculus III (4)
- MATH-321 Differential Equations (3)
- PHYS-110 Principles of Physics I FA5 (4)
- PHYS-210 Principles of Physics II FA5 (4)
- PHYS-331 Modern Physics (3)
- PHYS-351 Waves and Optics (3)
- PHYS-430 Classical Mechanics (3)
- PHYS-440 Experimental Physics (3)
- PHYS-450 Electricity and Magnetism (3)
- PHYS-470 Introduction to Quantum Mechanics (3)
- PHYS-480 Physics Capstone Seminar (3)

Tracks (12 credit Hours)**Chemical Physics**

Prerequisite: CHEM-210 General Chemistry II FA5 (4)

- 12 credit hours from the following:
 - CHEM-310 Organic Chemistry I (3)
 - CHEM-312 Organic Chemistry I Laboratory (1)
 - CHEM-320 Organic Chemistry II (3)
 - CHEM-322 Organic Chemistry II Laboratory (1)
 - CHEM-410 Biophysical Chemistry (3)
 - CHEM-460 Instrumental Analysis (3)
 - PHYS-460 Statistical Mechanics (3)

Computational Physics

- 12 credit hours from the following:
 - CSC-281 Introduction to Computer Science II (3)
 - CSC-330 Organization of Computer Systems (4)
 - CSC-432 Introduction to Simulation and Modeling (3)
 - CSC-520 Algorithms and Data Structures (3)
 - CSC-543 Object-Oriented Analysis and Design (3)
 - PHYS-380 Mathematical and Computational Physics (3)

Traditional Physics

- 12 credit hours from the following:
 - MATH-550 Complex Analysis (3)
 - MATH-551 Partial Differential Equations (3)
 - PHYS-300 Acoustics (3)
 - PHYS-310 Electronics (4)
 - PHYS-360 Astrophysics (3)
 - PHYS-380 Mathematical and Computational Physics (3)
 - PHYS-460 Statistical Mechanics (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Applied Physics

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor

Course Requirements

- PHYS-100 Physics for the Modern World FA5 (4)
 - or*
 - PHYS-105 General Physics I FA5 (4)
 - or*
 - PHYS-110 Principles of Physics I FA5 (4)
- PHYS-200 Physics for the New Millennium FA5 (3)
 - or*
 - PHYS-205 General Physics II FA5 (4)
 - or*
 - PHYS-210 Principles of Physics II FA5 (4)
- PHYS-220 Astronomy FA5 (3)
 - or*
 - PHYS-230 Changing Views of the Universe FA5 (3)
- PHYS-331 Modern Physics (3)
- 6 credit hours in elective courses at the 300 level or above, including courses outside of physics in relevant areas of technology, society, and policy, as approved by the department.

Minor in Physics

- 24 credit hours with grades of C or better with at least 12 credit hours unique to the minor

Course Requirements

- MATH-211 Applied Calculus I (4)
 - or*
 - MATH-221 Calculus I (4)
- MATH-222 Calculus II (4)
- PHYS-105 General Physics I FA5 (4)
 - or*
 - PHYS-110 Principles of Physics I FA5 (4)
- PHYS-205 General Physics II FA5 (4)
 - or*
 - PHYS-210 Principles of Physics II FA5 (4)
- PHYS-331 Modern Physics (3)
- 6 credit hours in PHYS-xxx courses at the 300-level or above as approved by the student's advisor

Undergraduate Certificate in Applied Physics

Admission to the Program

Open to undergraduate degree and nondegree students. Credits earned for the certificate may be applied toward an undergraduate degree program.

Certificate Requirements

- 18 credit hours of approved coursework with at least 9 credit hours at the 300-level or above, with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 12 credit hours each semester (except for summer). A maximum of 3

credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- PHYS-100 Physics for the Modern World FA5 (4) *and* PHYS-200 Physics for the New Millennium FA5 (3)
or
PHYS-105 General Physics I FA5 (4) *and* PHYS-205 General Physics II FA5 (4)
or
PHYS-110 Principles of Physics I FA5 (4) *and* PHYS-210 Principles of Physics II FA5 (4)
- PHYS-331 Modern Physics (3)
- 9 credit hours in elective courses, at least two of which must be at the 300 level or above, including courses outside of physics in relevant areas of technology, society, and policy, as approved by the department.

Preprofessional Programs

Preengineering

Faculty Liaison Teresa Larkin, Department of Physics

American University offers a cooperative five-year engineering program with the University of Maryland in College Park. American University students can combine the advantages of both liberal arts and professional education. Students are awarded two bachelor's degrees in a five-year period.

Students typically spend their first three years on the American University campus concentrating in a major field in the College of Arts and Sciences. Students are strongly encouraged to choose a major field in one of the natural sciences, mathematics, statistics, or computer science at American University. If however, the student chooses to complete a major in the arts, humanities, or social sciences, he or she may do so, provided that the engineering program requirements are also satisfied. This option requires careful planning and may result in an extra semester or more of coursework.

In the third year, with the recommendation of the preengineering faculty liaison, students apply to the engineering program at the University of Maryland. The engineering program options at the University of Maryland include aerospace, bioengineering, chemical and biomolecular, civil and environmental, electrical and computer, fire protection, materials sciences, and mechanical engineering. After admission to the engineering program, the fourth year of study is spent there. Once the student completes the requirements for the American University major (generally at the end of the fourth year), the first bachelor's degree is awarded. After completion of the engineering requirements during the fifth year, the student receives a bachelor's degree in engineering from the University of Maryland.

Students work closely with the preengineering faculty liaison and an advisor in their major field of study. The faculty liaison and advisor will work together to individually tailor course selections to meet the student's interests and needs. Throughout the course of their studies students should maintain a high grade point average. Completion of basic courses must be done during the first three years of study in order to complete the requirements for an engineering degree in five years. Courses with grades below C will not transfer to the University of Maryland.

Course Requirements

The engineering program at the University of Maryland has basic requirements covering a broad range of study, which must be completed before entrance:

- Two courses in English composition
 - Calculus I, Calculus II, Calculus III, and differential equations (aerospace majors also take linear algebra)
 - Two years of calculus-based physics with laboratory along with courses providing more in-depth study in mechanics, electromagnetism, or thermodynamics
 - One year of general chemistry with laboratory (bioengineering and materials sciences also require one semester of organic chemistry; chemical engineering also requires a two-course sequence in organic chemistry)
 - One course in computer programming
 - Five courses in the humanities and the social sciences
- Prior to applying to a particular engineering program, students should also have taken ENES 100 Introduction to Engineering Design at the University of Maryland, which is offered every semester including the summer.

Prelaw

Prelaw Advisor Tyler Atkins-Mose, CAS

In considering law school, it is important that the prelaw student understands law schools' educational philosophy. As the *Law School Admission Bulletin* states: "Any course, regardless of field, that helps you develop clear and systematic thinking, command of the English language, and a broad understanding of our society constitutes sound preparation for the study of law. Thus, law schools do not recommend specific undergraduate majors for prelaw students." The prelaw student should also realize that admission to law school is selective. Students contemplating careers in law should plan their undergraduate study to undertake a substantial academic curriculum and acquire a background of outstanding extracurricular activities.

Students interested in prelaw preparation follow the normal procedure for declaring and fulfilling requirements for a major in one of the schools or departments or in gaining approval for an interdisciplinary program of study. Whatever the choice of major, the prelaw student's program should be supported by a broad selection of courses from mathematics, the natural sciences, the social sciences, and the humanities.

Courses recommended by law schools also include philosophy, literature and advanced writing courses, history, political science, accounting, business administration, economics, mathematics, languages, and other courses demanding logical thinking, analytical reasoning, or verbal proficiency.

The Law School Admission Test (LSAT) is required of every applicant to law school. It is strongly recommended that this test be taken in June before the senior year. With this test date, students can appraise their prospects and consider retaking the examination in October or December or both, or, if necessary, make alternate plans. Students apply directly to the Law School Admissions Service (LSAS) to take the test on the American University campus and should register six weeks before the test date. LSAT applications are available from the prelaw advisors.

Premedical Programs

Premed Programs Coordinator

Lynne Arneson

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www.american.edu/cas/premed/

The premedical programs of the College of Arts and Sciences are available to help all undergraduate, postbaccalaureate, and graduate students who are considering a career in medicine or one of the allied health professions.

Premedical program services include extensive individual advising on careers, courses, volunteer and research opportunities, professional school examinations, selection of schools, and financial aid. The program also provides seminars by health professionals, resume preparation and essay writing assistance, medical school interview preparation, preparation of a composite letter of evaluation, and support in compiling and sending letters of recommendation to professional schools.

Students from American University applying to medical, dental, or veterinary school have been highly competitive, with 86 percent of qualified applicants accepted by medical schools.

Advising Services

Students interested in the health professions should contact the premedical programs coordinator as soon as possible. The coordinator helps students select an appropriate curriculum, prepare for the relevant admissions tests, make realistic choices of professional schools, and learn first-hand about biomedical research and clinical practice. The coordinator is available to meet with students individually at least once a semester to review their academic progress and course of study at American University. Together with students' academic advisors, the coordinator helps assure timely completion of both degree and premedical requirements.

Typically, at the end of their junior year premedical students submit a primary application to the American Medical Colleges Application Service, which forwards this general application to specified schools. Medical schools will then send individual applications to selected students.

In order to prepare professional-school applications, each student assembles a file containing essential information. Members of the Premedical Evaluation Committee serve as mentors for students. The Writing Center and the Career Center can provide advice about writing personal statements and other documents and interview practice. After the file, including letters of recommendation, is assembled, a comprehensive Premedical Evaluation Committee letter of evaluation will be prepared to support the application. Included in the letter is a summary of the academic record and extracurricular activities, and an evaluation of commitment to a medical career.

Premedical Curriculum

Traditionally, premedical students have majored in the natural sciences. However, the medical professions are also seeking well-rounded students with a broadly-based liberal education, reflecting the social, ethical, and cultural roles played by health care professionals. Students interested in medical careers may major in any field, but must make careful plans to take the necessary preparatory courses in a timely fashion.

Most health professional schools require certain foundation courses in science and mathematics, along with a full year of college-level writing. All science courses must include laboratory components. Undergraduate students who wish to matriculate at a professional school directly after graduation from American University must submit applications at the end of the junior year. Therefore, the basic requirements should be completed in the freshman and sophomore years, following the sequence of courses listed below.

Freshman Year

BIO-110 General Biology I FA5 (4)

BIO-210 General Biology II FA5 (4)

CHEM-110 General Chemistry I FA5 (4)

CHEM-210 General Chemistry II FA5 (4)

MATH-221 Calculus I (4)

Sophomore Year

BIO-300 Cell Biology with Laboratory (4)

BIO-356 Genetics with Laboratory (5)
 CHEM-310 Organic Chemistry I (3)
 CHEM-312 Organic Chemistry I Laboratory (1)
 CHEM-320 Organic Chemistry II (3)
 CHEM-322 Organic Chemistry II Laboratory (1)

Junior Year

PHYS-105 General Physics I FA5 (4) *and*
 PHYS-205 General Physics II FA5 (4)
or
 PHYS-110 Principles of Physics I FA5 (4) *and*
 PHYS-210 Principles of Physics II FA5 (4)

This intensive plan also prepares students to take the Medical College Admissions Test (MCAT) in the spring of their junior year.

To receive most favorable consideration, the Medical College Admissions Test (MCAT) or Dental Aptitude Test (DAT) must be taken in the spring of the junior year, about 16 months before matriculation in medical or dental school. Veterinary schools typically require that the Graduate Record Examination (GRE) be taken at the end of the junior year.

The above sequence presumes that a student has already decided by the beginning of his or her freshman year to pursue a premedical course of study. Students who decide on a medical career in the middle of their undergraduate studies or later may need to complete their premedical requirements during summers or in a post-baccalaureate year.

Research and Internship Opportunities

The premedical program encourages close interaction with the faculty. Many undergraduates have engaged in independent research projects in biology, chemistry, physics, and experimental psychology which have led to presentation and publication of papers.

Many opportunities for internships, volunteer work, and biomedical research are available. Local hospitals and clinics provide students with clinical experience. At institutions such as the National Institutes of Health and other local laboratories and biotechnology companies, students may gain first-hand basic research experience in biochemistry, immunology, molecular biology, and molecular genetics.

Premedical Achievement Prize and Scholarship

The American University Hassa S. Shanker Premedical Achievement Prize is a \$2,000 cash award presented to the most outstanding undergraduate student intending to apply to a health professional school who has taken at least five science and mathematics courses at American University. Selection is based on academic achievements, leadership qualities, and contributions to society or the health professions. Applicants must be planning to apply to medical, dental, or veterinary school, or to a program in the health sciences, such as physical therapy.

The Josephine G. Gimble Scholarship is a \$2,000 annual award to an undergraduate or postbaccalaureate student preparing for a career in the allied health sciences.

Postbaccalaureate Premedical Certificate

Certificate Coordinator Lynne Arneson,

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www.american.edu/cas/premed/CERT-GPMD.cfm

Postbaccalaureate work consists of academic study undertaken after earning a bachelor's degree. American University's Postbaccalaureate Premedical Certificate program is designed to complete basic requirements and strengthen credentials for application to health professional schools of human medicine (MD or DO), dentistry (DDS), veterinary medicine (DVM), podiatry (DPM), optometry (OD), and oral surgery (DMD), and to advanced degree programs in the allied health sciences such as public health (MPH) and physician assistant, nurse practitioner, and physical therapy programs leading to the MS or PhD degree.

This program offers students extensive guidance and assistance in preparing for professional school and a career. With the help of advisors they polish resume and essay-writing skills, prepare for the Medical College Aptitude Test (MCAT) or other admissions examinations, practice medical school interviews, select potential professional schools, and address related financial issues. Through the program, students may also attend seminars by health professionals, identify volunteer opportunities, and be matched with a mentor. Each emerges with a composite letter of evaluation, held with letters of recommendation in a personal file. The premedical programs coordinator sends these letters to professional schools for students and assists them in meeting all application deadlines.

Admission to the Program

Open to students with a bachelor's degree and a cumulative grade point average of 3.20 (on a 4.00 scale) overall and in science and mathematics courses, if taken.

Course Requirements

Basic Requirements

The following courses are required for admission to medical school and to many other health professional schools. Once enrolled in the Postbaccalaureate Premedical Certificate program, any of these courses not already completed must be taken at American University.

- BIO-110 General Biology I (4)
- BIO-210 General Biology II (4)
- CHEM-110 General Chemistry I (4)
- CHEM-210 General Chemistry II (4)
- CHEM-310 Organic Chemistry I (3)
- CHEM-312 Organic Chemistry I Laboratory (1)
- CHEM-320 Organic Chemistry II (3)
- CHEM-322 Organic Chemistry II Laboratory (1)
- MATH-221 Calculus I (4)
- PHYS-110 Principles of Physics I FA5 (4)
- PHYS-210 Principles of Physics II FA5 (4)

Certificate Requirements

A minimum of 24 hours of coursework taken in residence at American University, including:

- BIO-300 Cell Biology with Laboratory (4)
- BIO-356 Genetics with Laboratory (5)
- One of the following sets of two courses:
BIO-435 Vertebrate Physiology (5) *and*
BIO-440 Microbiology (4)
or
CHEM-560 Biochemistry I (3) *and*

CHEM-561 Biochemistry II (3)

- 6–9 credit hours from the Basic Requirements list above or the following:
BIO-200 Structure and Function of the Human Body (3)
BIO-541 Cellular Immunology (3)
BIO-650 Developmental Biology (3)
BIO-583 Molecular Biology (3)
MATH-222 Calculus II (4)
STAT-202 Basic Statistics (4)

Psychology

Chair David A. Haaga

Full-Time Faculty

Professor Emeritus E.M. McGinnies, B. Slotnick, S.J. Weiss

Professor M. Carter, T. Davidson, J.J. Gray, D.A. Haaga, B.W. McCarthy, S.R. Parker, F.Z. Peynircioglu, A.L. Riley, A.G. Shapiro, A.M. Silberberg, J. Tubman, B.T. Yates

Associate Professor A.H. Ahrens, B.D. Fantie, K.C. Gunthert, L.M. Juliano, D. Kearns, C.S. Weissbrod

Assistant Professor N. Enchautegui-de-Jesus, N. Herr, G. Mance, C. Stoodley

Senior Professorial Lecturer M. Gomez-Serrano

The undergraduate program in the Department of Psychology offers the student an opportunity to appreciate psychology's diversity and its applications. Courses are offered in clinical, social, personality, developmental, behavioral and cognitive neuroscience, learning and memory. Advanced topics courses in these and related areas are often available. Students may design programs that approach psychology as a social science, a natural science, or a combination of the two. During their junior and senior years, majors are encouraged to take small, specialized seminars and engage in internship experience with community mental health agencies and in ongoing research within and outside the department. Students should work with their faculty advisors in planning their schedules, internship, and research experiences. The program is sufficiently flexible and broad to satisfy career goals and to provide a solid background for graduate study.

Affiliations

Washington, DC Veterans Administration Hospital; Baltimore Veterans Administration Hospital; St. Elizabeth's Hospital; Department of Pediatrics, Georgetown University Hospital; Kennedy Krieger Institute, Baltimore; Children's Hospital; George Washington University Medical Center; Alexandria Community Mental Health Center; Woodburn Center for Community Mental Health; National Institutes of Health; National

Institute on Drug Abuse; Uniformed Services University; American Association of Suicidology; American Psychological Association; Association for Psychological Science; Psychiatric Institute of Washington; and St. Luke's House.

Bachelor of Arts (BA) Psychology

Admission to the Program

Formal admission to the major requires departmental approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 41 credit hours with grades of C or better and at least 15 credit hours at the 300 level or above

Course Requirements

- PSYC-105 Psychology: Understanding Human Behavior FA4 (3)
- PSYC-115 Psychology as a Natural Science FA5 (3)
- PSYC-116 Psychology as a Natural Science (1)
- STAT-202 Basic Statistics (4)

- One course in Research Methods from the following:
PSYC-301 Research Methods in Psychology (3)
PSYC-433 Research Design and Methods: Social Science Psychology Research (4)
PSYC-480 Research Design and Methods: Experimental Psychology (4)
- One course in Bio-Psychology from the following:
PSYC-240 Drugs and Behavior FA5 (3)
PSYC-318 Fundamentals of Human Neuropsychology (3)
PSYC-325 Neurobiological Bases of Behavior (3)
PSYC-360 The Evolution of Behavior (3)
- One course in Learning and Cognition from the following:
PSYC-200 Behavior Principles FA5 (3)
PSYC-220 The Senses FA5 (3)
PSYC-300 Memory and Cognition (3)
PSYC-370 Learning and Behavior (3)
- Two courses in the Individual, the Situation, and Psychological Health from the following:
PSYC-205 Social Psychology FA4 (3)
PSYC-215 Abnormal Psychology and Society FA4 (3)
PSYC-235 Theories of Personality FA4 (3)
PSYC-333 Health Psychology (3)
PSYC-350 Child Psychology (3)
- Psychology electives to complete the required credit hours
Students will be advised concerning 300–500-level courses available as electives.

Note: No more than a combined total of 6 credit hours of PSYC-390 Independent Reading Course in Psychology, PSYC-490 Independent Study Project in Psychology, and PSYC-491 Internship, will apply toward fulfilling major requirements.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MA in Psychology

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined

bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BA and MA in Psychology.

Requirements

- Students should apply for the program no later than the first semester of the senior year and no earlier than the first semester of the junior year. Students must have a minimum 3.00 grade point average in psychology and statistics courses and must have completed at least half of the credit hours required for the BA in Psychology, including STAT-202 Basic Statistics, before applying to the program. Students must submit a completed graduate application form, Graduate Record Examination (GRE) scores for the General examination (Verbal, Quantitative, and Analytic), two letters of recommendation, and copies of all college transcripts.
- All requirements for the BA in Psychology
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.
- All requirements for the MA in Psychology including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Psychology

- 22 credit hours with grades of C or better with at least 12 credit hours unique to the minor, and at least 9 credit hours at the 300 level or above

Course Requirements

- PSYC-105 Psychology: Understanding Human Behavior FA4 (3)
- PSYC-115 Psychology as a Natural Science FA5 (3)
- PSYC-116 Psychology as a Natural Science (1)
- 3 credit hours from Bio-Psychology or Learning and Cognition courses (see major requirements above)
- 3 credit hours from the Individual, the Situation, and Psychological Health courses (see major requirements above)
- 9 additional credit hours in psychology courses

Master of Arts (MA) Psychology

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must submit a completed graduate application form, Graduate Record Examination (GRE) scores for the General examination (Verbal, Quantitative, and Analytic), two letters of recommendation, and copies of all college transcripts. Admission is based on academic record, test scores, and two letters of recommendation.

Up to 6 credit hours of graduate coursework in psychology from another university or up to 12 credit hours of graduate course credit taken at American University may be transferred, provided that these credits were not counted toward another degree. These transfers of credit are subject to approval by the director of the MA program.

Completion of the degree does not necessarily lead to admission to the PhD program; students who wish to be considered for the PhD program must apply. Applicants with a BA who wish to obtain a PhD in Psychology from American University should apply directly to the PhD program. If they do not have an MA, students will earn one as part of the PhD program. See the description of the PhD program for more information.

Tracks

General, Personality/Social, or Experimental/Biological

Degree Requirements

- 33 credit hours of approved graduate work
- Written general comprehensive examination
- Thesis option: The master's thesis involves an original research project. Students must prepare a thesis proposal, collect and analyze data, submit a written thesis, and give an oral defense. The thesis must be accepted by the thesis committee, the department chair, and the university.

Nonthesis option: available only in the General Psychology track (see course requirements below).

All coursework for the thesis or nonthesis option must be completed with grades of B or better.

Course Requirements

General Psychology

- Two courses from the following:
PSYC-505 Advanced Personality Psychology (3)
PSYC-514 Industrial/Organizational Psychology (3)
PSYC-522 Stress, Coping, and Emotion (3)
PSYC-533 Cognitive Behavior Therapy (3)
PSYC-540 Advanced Social Psychology (3)
PSYC-545 Psychology of Sex Similarities and Differences (3)
PSYC-551 Psychopathology: Theory and Research (3)
PSYC-560 Advanced Developmental Psychology (3)
PSYC-568 Alternative Medicine (3)
PSYC-597 Topics in Psychology (3) (personality/social psychology)
PSYC-633 Psychological Assessment I (3)
PSYC-670 Behavioral Medicine (3)

- Two courses from the following:
PSYC-501 Physiological Psychology (3)
PSYC-513 Neuropharmacology: The Biochemistry of Behavior (3)
PSYC-518 Advanced Human Neuropsychology (3)
PSYC-530 Conditioning and Learning (3)
PSYC-575 Advanced Memory and Cognition (3)
PSYC-597 Topics in Psychology (3) (experimental/biological psychology)
PSYC-618 Principles of Neuropsychological Assessment (3)
Graduate seminar in experimental psychology or neuroscience (3)

- Graduate statistics course (3)

Nonthesis Option (General Psychology track only):

- 6 credit hours from the following:
PSYC-550 Psychological Research (3)
PSYC-698 Directed Research (3–6)
- 12 credit hours of graduate elective courses with at least 6 credit hours from the Department of Psychology

Thesis Option:

- PSYC-550 Psychological Research (3)
- 6 credit hours from the following:
PSYC-796 Master's Thesis Seminar (3)
PSYC-797 Master's Thesis Research (1–3)
- 9 credit hours of graduate elective courses with at least 6 credit hours from the Department of Psychology

Personality/Social Psychology

- Four courses from the following:
PSYC-505 Advanced Personality Psychology (3)
PSYC-514 Industrial/Organizational Psychology (3)
PSYC-522 Stress, Coping, and Emotion (3)
PSYC-533 Cognitive Behavior Therapy (3)
PSYC-540 Advanced Social Psychology (3)
PSYC-545 Psychology of Sex Similarities and Differences (3)
PSYC-551 Psychopathology: Theory and Research (3)
PSYC-560 Advanced Developmental Psychology (3)
PSYC-568 Alternative Medicine (3)
PSYC-597 Topics in Psychology (3) (personality/social psychology)
PSYC-633 Psychological Assessment I (3)
PSYC-670 Behavioral Medicine (3)
Graduate seminar in clinical, personality, or social psychology (3)
- Two courses from the following:
PSYC-501 Physiological Psychology (3)
PSYC-513 Neuropharmacology: The Biochemistry of Behavior (3)
PSYC-518 Advanced Human Neuropsychology (3)
PSYC-530 Conditioning and Learning (3)

PSYC-575 Advanced Memory and Cognition (3)
 PSYC-597 Topics in Psychology (3)
 (experimental/biological psychology)
 PSYC-618 Principles of Neuropsychological Assessment (3)
 Graduate seminar in experimental psychology or
 neuroscience (3)

- PSYC-550 Psychological Research (3)
- 6 credit hours from the following:
 PSYC-796 Master's Thesis Seminar (3)
 PSYC-797 Master's Thesis Research (1–3)
- Graduate statistics course (3)
- Graduate elective course (3)

Experimental/Biological Psychology

- Four courses from the following:
 PSYC-501 Physiological Psychology (3)
 PSYC-513 Neuropharmacology: The Biochemistry of
 Behavior (3)
 PSYC-518 Advanced Human Neuropsychology (3)
 PSYC-530 Conditioning and Learning (3)
 PSYC-575 Advanced Memory and Cognition (3)
 PSYC-597 Topics in Psychology (3)
 (experimental/biological psychology)
 PSYC-618 Principles of Neuropsychological Assessment (3)
 PSYC-690 Independent Study Project (3) in a recognized
 area of experimental/biological psychology
 Graduate seminar in experimental psychology or
 neuroscience
- Two courses from the following:
 PSYC-505 Advanced Personality Psychology (3)
 PSYC-514 Industrial/Organizational Psychology (3)
 PSYC-522 Stress, Coping, and Emotion (3)
 PSYC-533 Cognitive Behavior Therapy (3)
 PSYC-540 Advanced Social Psychology (3)
 PSYC-545 Psychology of Sex Similarities and
 Differences (3)
 PSYC-551 Psychopathology: Theory and Research (3)
 PSYC-560 Advanced Developmental Psychology (3)
 PSYC-568 Alternative Medicine (3)
 PSYC-597 Topics in Psychology (3) (personality/social
 psychology)
 PSYC-633 Psychological Assessment I (3)
 PSYC-670 Behavioral Medicine (3)
 Graduate seminar in clinical, personality, or social
 psychology (3)
- PSYC-550 Psychological Research (3)
- 6 credit hours from the following:
 PSYC-796 Master's Thesis Seminar (3)
 PSYC-797 Master's Thesis Research (1–3)
- Graduate statistics course (3)
- Graduate elective course (3)

Graduate Certificate in Addiction and Addictive Behavior

Admission to the Program

Applicants to the certificate program must have a bachelor's degree from an accredited institution, with a minimum cumulative grade point average of 3.30 (on a 4.00 scale) in the last 60 hours of undergraduate work. In addition, applicants are required to submit a statement of purpose and two letters of recommendation. International students whose first language is not English must have a minimum TOEFL score of 600 (100 on the Internet-based test).

Certificate Requirements

- 18 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better
 Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.3 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- PSYC-513 Neuropharmacology: The Biochemistry of Behavior (3)
- PSYC-550 Psychological Research (3)
or
 PSYC-633 Psychological Assessment I (3)
- PSYC-551 Psychopathology: Theory and Research (3)
- PSYC-555 Improving Human Services (3)
- PSYC-597 Topics in Psychology (3)
or
 PSYC-598 Seminar in Behavior, Cognition, and Neuroscience (3) (topics)
- PSYC-690 Independent Study Project in Psychology (3)
or
 PSYC-698 Directed Research (3)

Graduate Certificate in Psychobiology of Healing

The psychobiology of healing certificate program provides a thorough understanding of the science of healing and the therapeutic mechanisms that elicit healing responses. Through understanding the application of scientific method to the evaluation of integrative healing strategies, students will be prepared to design clinical trials, evaluate the scientific data from these trials, and discern the clinical potential of healing methodologies. In studying the psychobiology of healing, students will learn the mechanism of action of healing strategies. This program also provides a thorough review of the historical and scientific developments in the field of healing and enhances students' knowledge of health as well as holistic, integrative, and other lifestyle modalities for preventing and recovering from illnesses and for sustaining well-being.

Admission to the Program

Applicants to the certificate program must have a bachelor's degree from an accredited institution, with a minimum cumulative grade point average of 3.00 (on a 4.00 scale) in the last 60 hours of undergraduate work. In addition, applicants are required to submit a statement of purpose and two letters of recommendation. International students whose first language is not English must have a minimum TOEFL score of 600 (100 on the Internet-based test).

Certificate Requirements

- 16 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- HFIT-560 Health Promotion in Healthcare (3)
- PSYC-568 Alternative Medicine (3)
- PSYC-670 Behavioral Medicine (3)
- PSYC-690 Independent Study Project in Psychology (4)
- 3 credits from the following:
 - PSYC-522 Stress, Coping, and Emotion (3)
 - HFIT-596 Selected Topics: Non-recurring (approved topic)

Doctor of Philosophy (PhD) Behavior, Cognition, and Neuroscience

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must submit a completed graduate application form, Graduate Record Examination (GRE) scores for the General Examination (Verbal, Quantitative, and Analytic) and Advanced Psychology test, three letters of recommendation, and copies of all college transcripts. Students are admitted for full-time study only.

Degree Requirements

- 54 credit hours of approved graduate work
 - Students who have been admitted to the doctoral program in psychology but do not have an MA in psychology that has been accepted by the department must complete the degree requirements for the MA in Psychology (thesis option) before they can be awarded the doctorate.
- Specialty comprehensive exam. A student, with the help of his/her advisor, chooses a topic for specialization and forms a committee of at least four members (including the advisor), at least two of whom are full-time psychology faculty at American University. The student is given a personalized written examination on this topic prepared and scored by the committee members.
- Dissertation: A written proposal for the dissertation is to be submitted to the dissertation committee by the middle of the second semester of the third year. The original proposal, or a revision thereof, should meet the requirements of the committee by the end of the second semester of the third year. The dissertation must be accepted by the dissertation committee, the department chair, and the university.

Course Requirements

- PSYC-598 Neuroscience Seminar (3) (taken for a total of 6 credit hours)
- 12 credit hours from the following:
 - PSYC-501 Physiological Psychology (3)
 - PSYC-513 Neuropharmacology (3)
 - PSYC-518 Advanced Human Neuropsychology (3)
 - PSYC-530 Conditioning and Learning (3)
 - PSYC-551 Psychopathology: Theory and Research (3)
 - PSYC-560 Advanced Developmental Psychology (3)
 - PSYC-575 Advanced Memory and Cognition (3)
 - PSYC-618 Principles of Neuropsychological Assessment (3)
 Other courses focusing in the neurosciences may be taken with approval of the student's advisor.
- PSYC-799 Doctoral Dissertation Research (6)
- 6 credit hours of statistics
- 6 credit hours of electives
- 18 credit hours of lab research

Doctor of Philosophy (PhD) Clinical Psychology

The clinical psychology program is fully accredited by the American Psychological Association Committee on Accreditation (COA) and has been accredited since 1972. COA is part of the Office of Program Consultation and Accreditation (OPCA). OPCA contact information is as follows:

Office of Program Consultation and Accreditation
750 First Street, NE
Washington, DC 20002-4242
Phone: 202-336-5979
TDD/TTY: 202-336-6123
Fax: 202-336-5978
Email: apaaccred@apa.org
<http://www.apa.org/ed/accreditation>

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must submit a completed graduate application form, Graduate Record Examination (GRE) scores for the General examination (Verbal, Quantitative, and Analytic) and Advanced Psychology test, three letters of recommendation, and copies of all college transcripts. Those applicants to the clinical psychology program judged to be among the top 30 or 35 are invited for an interview, and the final selection is based on all information, including the interview. Students are admitted for full-time study only.

Degree Requirements

- 72 credit hours of approved graduate work
Students who have been admitted to the doctoral program in psychology but do not have an MA in psychology that has been accepted by the department must complete the degree requirements for the MA in Psychology (thesis option; thesis seminar not required) before they can be awarded the doctorate.
 - One tool of research is required but does not result in course credit toward the degree. The tool requirement is defined as the dissemination of a research tool. Please see the Department of Psychology for further information.
 - Two comprehensive examinations, which involve students in the kinds of activities they will later engage in as professional psychologists. The written comprehensive is an ethics examination. The oral comprehensive is a specialty examination, which involves a clinical presentation.
 - Dissertation: A written proposal for the dissertation is to be submitted to the dissertation committee by the middle of the second semester of the third year. The original proposal, or a revision thereof, should meet the requirements of the committee by the end of the second semester of the third year. The dissertation must be accepted by the dissertation committee, the department chair, and the university.
 - As part of the doctoral requirements, clinical students serve a one-year externship and a one-year internship in an appropriate setting outside the university.
- ### Course Requirements
- PSYC-502 History and Systems of Psychology (3)
 - PSYC-550 Psychological Research (3)
 - PSYC-551 Psychopathology: Theory and Research (3)
 - PSYC-618 Principles of Neuropsychological Assessment (3) or assessment course approved by the department
 - PSYC-630 Psychotherapy: Theory, Research, and Practice (3)
 - PSYC-633 Psychological Assessment I (3)
 - PSYC-652 Assessment of Intellectual Function and Personality (3)
 - PSYC-680 Experiential Psychotherapy Practicum I (3)
 - PSYC-681 Experiential Psychotherapy Practicum II (3)
 - PSYC-710 Cognitive-Behavior Therapy Practicum I (3)
 - PSYC-715 Supervision and Consultation (1)
 - PSYC-791 Psychodynamic Psychotherapy Practicum I (3)
 - PSYC-792 Psychodynamic Psychotherapy Practicum II (3)
 - One course in Biological Bases of Behavior from the following:
 - PSYC-501 Physiological Psychology (3)
 - PSYC-513 Neuropharmacology: The Biochemistry of Behavior (3)
 - PSYC-518 Advanced Human Neuropsychology (3)
 - One course in Cognitive-Affective Bases of Behavior from the following:
 - PSYC-522 Stress, Coping, and Emotion (3)
 - PSYC-575 Advanced Memory and Cognition (3)
 - One course in Individual Bases of Behavior from the following:
 - PSYC-505 Advanced Personality Psychology (3)
 - PSYC-560 Advanced Developmental Psychology (3)
 - One course in Social Bases of Behavior from the following:
 - PSYC-521 Ethnic and Minority Issues in Psychology (3)
 - PSYC-540 Advanced Social Psychology (3)
 - PSYC-799 Doctoral Dissertation Research (6)
 - 6 credit hours of statistics
 - 11 credit hours of electives

Public Health

Maintaining and improving public health is one of the great mandates of our time, both in the United States and abroad. Aging populations, global pandemics, increasing environmental degradation and a rise in childhood obesity are just some of the many challenges to which the field of public health directly responds.

Because public health is a highly interdisciplinary area of study, students in the program benefit from interactions with scholars from across the university. After gaining foundational knowledge and practical skills in the field by completing a set of core courses, students explore the complexities of public health by selecting elective courses from clusters in global health; health science; policy, program planning, and evaluation; and social and community health. Students' growth in the field is furthered through internships in the Washington, DC area and health-related study abroad opportunities. Finally, the capstone course engages students in synthesizing their experience and understanding of the field of public health.

Students in the BA and BS programs have access to similar courses. Students pursuing the BA may want to focus on courses that support careers in program planning, the development and assessment of public health projects, and the social and community health aspects of public health. Students pursuing the BS degree may be more interested in public health research, in future work at the Centers for Disease Control and Prevention (CDC), or in developing vaccination protocols.

Special Programs

The **Three Year Public Health Cohort Program** provides an extraordinary opportunity for highly motivated freshmen who have decided to pursue a career in the field of public health. The program allows a cohort of College of Arts and Sciences (CAS) first-year students to enroll in a BA in Public Health program geared towards completion of the degree in three years. A BS in Public Health may be earned through careful selection of public health elective courses under advisement by the director of the program. The three-year program accentuates experiential learning, including special study abroad, service learning, and internship options during their course of study, while participating fully in the student life on campus.

In this program, students:

- engage in a specially developed study abroad experience as a cohort that provides opportunities for clinical experiences in another country
- apply public health skills and knowledge through service learning opportunities
- work with public health professionals in internships locally or globally
- receive support from program faculty, staff, and public health alumni with career/internship placement
- take core public health courses as a cohort
- engage in meaningful service activities outside the classroom as a cohort

Bachelor of Arts (BA) Public Health

Admission to the Program

Admission is through formal declaration of major.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 47 credit hours with grades of C or better

Course Requirements

Core Courses (26 credit hours)

- BIO-110 General Biology I FA5 (4)
- PHIL-241 Bioethics (3)
- PUBH-110 Introduction to Public Health FA4 (3)
- PUBH-340 Fundamentals of Epidemiology (3)
- PUBH-391 Internship in Public Health (3)
- PUBH-480 Public Health Capstone (3)
- SISU-358 Global Health (3)
- STAT-202 Basic Statistics (4)

Elective Courses (21 credit hours)

- 21 credit hours from at least three of the four clusters below
- Note: Some courses may have additional prerequisites.*

Global Health

- ECON-362 Microeconomics of Economic Development (3)
- HFIT-585 Global Health Policy (3)
- MGMT-201 Global Corporate Citizenship (3)

Health Science

- ENVS-324 Environmental Health (4)
- PSYC-320 Women and Mental Health (3)
- PSYC-425 Psychology of Eating Disorders and Obesity (3)
- PSYC-430 Human Sexual Behavior (3)
- PUBH-320 Introduction to Infectious Disease (4)
- STAT-320 Biostatistics (3)
- STAT-510 Introduction to Survey Sampling (3)

Policy, Program Planning, and Evaluation

COMM-540 Social Marketing (3)

or

MKTG-250 Fundamentals of Marketing and Business for Communications (3)

ECON-373 Labor Economics (3)

ENVS-575 Environmental Risk Assessment (3)

or

JLS-352 Psychiatry and the Law (3)

or

JLS-550 Drugs, Crime, and Public Policy (3)

HFIT-335 Health Promotion Program Planning (3)

HFIT-410 Health Promotion Management (3)

PSYC-497 Topics in Psychology:
Community Interventions

PSYC-555 Improving Human Services (3)

Social and Community Health

HFIT-245 Multicultural Health FA4 (3)

HFIT-540 Health Communication (3)

HFIT-580 Health Policy and Behavior Change (3)

HIST-469 History of Medicine in the United States: from Smallpox to AIDS (3)

JLS-303 Drugs, Alcohol, and Society (3)

or

JLS-526 Domestic Violence (3)

*or*PSYC-497 Topics in Psychology:
Stress and Coping

PSYC-333 Health Psychology (3)

SOCY-335 Sociology of Birth and Death (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

**Bachelor of Science (BS)
Public Health****Admission to the Program**

Admission is through formal declaration of major.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 58 credit hours with grades of C or better

Course Requirements**Core Courses (34 credit hours)**

- BIO-110 General Biology I FA5 (4)
- BIO-210 General Biology II FA5 (4)
- PHIL-241 Bioethics (3)
- PUBH-110 Introduction to Public Health FA4 (3)
- PUBH-320 Introduction to Infectious Disease (4)
- PUBH-340 Fundamentals of Epidemiology (3)
- PUBH-391 Internship in Public Health (3)
- PUBH-480 Public Health Capstone (3)
- STAT-202 Basic Statistics (4)
- STAT-320 Biostatistics (3)

Elective Courses (24 credit hours)

- 24 credit hours with at least one course taken from each of the four clusters below. *Note:* Some courses may have additional prerequisites.

Global Health

ECON-362 Microeconomics of Economic Development

HFIT-585 Global Health Policy (3)

MGMT-201 Global Corporate Citizenship (3)

SISU-358 Global Health (3)

Health Science

ENVS-324 Environmental Health (4)

PSYC-320 Women and Mental Health (3)

PSYC-425 Psychology of Eating Disorders
and Obesity (3)

PSYC-430 Human Sexual Behavior (3)

STAT-510 Introduction to Survey Sampling (3)

Policy, Program Planning, and Evaluation

COMM-540 Social Marketing (3)

or

MKTG-250 Fundamentals of Marketing and Business for Communications (3)

ECON-373 Labor Economics (3)

ENVS-575 Environmental Risk Assessment (3)

or

JLS-352 Psychiatry and the Law (3)

or

JLS-550 Drugs, Crime, and Public Policy (3)

HFIT-335 Health Promotion Program Planning (3)

HFIT-410 Health Promotion Management (3)

PSYC-555 Improving Human Services (3)

Social and Community Health

HFIT-245 Multicultural Health FA4 (3)

HFIT-540 Health Communication (3)

HFIT-580 Health Policy and Behavior Change (3)

HIST-469 History of Medicine in the United States: from Smallpox to AIDS (3)

JLS-303 Drugs, Alcohol, and Society (3)

or

JLS-526 Domestic Violence (3)

PSYC-333 Health Psychology (3)

PSYC-345 Community Psychology (3)

SOCY-335 Sociology of Birth and Death (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Public Health

- 25 credit hours including a minimum of 9 credit hours at the 300-level or above, with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

Core Courses (16 credit hours)

- PHIL-241 Bioethics (3)
- PUBH-110 Introduction to Public Health FA4 (3)
- PUBH-340 Fundamentals of Epidemiology (3)

- SISU-358 Global Health (3)

- STAT-202 Basic Statistics (4)

Elective Courses (9 credit hours)

- 9 credit hours with at least 6 credit hours at the 300-level or above from the clusters below, with courses taken from at least two clusters. *Note:* Some courses may have additional prerequisites.

Global Health

ECON-362 Microeconomics of Economic Development

HFIT-585 Global Health Policy (3)

MGMT-201 Global Corporate Citizenship (3)

Health Science

ENVS-324 Environmental Health (4)

PSYC-320 Women and Mental Health (3)

PSYC-425 Psychology of Eating Disorders and Obesity (3)

PSYC-430 Human Sexual Behavior (3)

PUBH-320 Introduction to Infectious Disease (4)

STAT-320 Biostatistics (3)

STAT-510 Introduction to Survey Sampling (3)

Policy, Program Planning, and Evaluation

COMM-540 Social Marketing (3)

or

MKTG-250 Fundamentals of Marketing and Business for Communications (3)

ECON-373 Labor Economics (3)

ENVS-575 Environmental Risk Assessment (3)

or

JLS-352 Psychiatry and the Law (3)

or

JLS-550 Drugs, Crime, and Public Policy (3)

HFIT-335 Health Promotion Program Planning (3)

HFIT-410 Health Promotion Management (3)

PSYC-497 Topics in Psychology: Community Interventions

PSYC-555 Improving Human Services (3)

Social and Community Health

HFIT-245 Multicultural Health FA4 (3)

HFIT-540 Health Communication (3)

HFIT-580 Health Policy and Behavior Change (3)

HIST-469 History of Medicine in the United States: from Smallpox to AIDS (3)

JLS-303 Drugs, Alcohol, and Society (3)

or

JLS-526 Domestic Violence (3)

or

PSYC-497 Topics in Psychology: Stress and Coping

PSYC-333 Health Psychology (3)

SOCY-335 Sociology of Birth and Death (3)

Sociology

Chair Kim Blankenship

Full-Time Faculty

Professor Emeritus/a E. Chow, J.C. Scott, J.K. Siegenthaler, R. Stone

Professor K. Blankenship, C.M. Pascale

Associate Professor B. J. Dickerson, S. Vidal-Ortiz, G.A. Young

Assistant Professor M. Bader, M. Biradavolu, A. Brenner, S. McDonic, N. Ruiz-Junco, R. Serhan, C. Xiao

Scholars-in-Residence J. Drysdale, J. Neibrugge-Brantley

Sociology explores how individuals, through their collective actions, create and change patterns of social relations and how, in turn, these social relations influence people's lives. Sociologists focus on three major levels of analysis, from whole societies as component parts of wider systems, to institutions as component sectors of society, to individuals as participants in two-person groups. They also study varied processes of social change, from migration to social mobility, from urbanization to mass communication. Finally, sociologists study a wide variety of themes, from racial and ethnic relations to social problems and political change. This quest for knowledge is both an end in itself and a pathway for informed social change.

The Department of Sociology of the College of Arts and Sciences shares a common purpose of education and research for social justice in an increasingly global social system. Faculty and students are empowered to participate in building equitable, humane, and sustainable social institutions by creating sociological knowledge and applying professional research skills to produce effective policies and programs for social change. One source of its strength is the department's multicultural diversity, which its members take every opportunity to expand.

The Sociology Department serves the university, including students from throughout the world, as a center for the study of societal change, social institutions, and social processes, with an emphasis on inequality and social justice. Degree programs focus on forms of inequality, their origins and patterns or reproduction, related to issues of social justice, and how these issues vary within and between societies. They are intended to produce and apply knowledge for the benefit of society, not only to teach academic skills, but also to develop knowledge of value to those involved in working for the promotion of social equality. The programs prepare students for a variety of careers in social advocacy, research, teaching, human services, and both public and private sector policy-making institutions. Successful placements of the department's graduates in academic, research, and policy-making institutions attest to the high standards our graduates meet.

The department's focus on international and comparative sociology and public sociology are especially well suited to Washington, DC, an international capital and center for policy

making. American University's location provides unparalleled access to government, research institutions, data and archival sources, advocacy organizations, and leaders involved in social change.

The undergraduate program is unique in its emphasis on race, gender, social justice, global social change and applied sociology/social policy. Majors and minors take core course sequences in sociological theory and research methods, and courses from several areas of concentration. Membership in the American University chapter of Alpha Kappa Delta, the international honor society in Sociology, is open to qualifying majors. The society sponsors lectures and other activities that involve undergraduates in the professional workings of the discipline.

In collaboration with the Department of Biology and other departments, an interdisciplinary BA or BS in Public Health, as well as a minor, are available to students.

The Department of Sociology's graduate program consists of core training in sociological theory and research method, plus an area of concentration in public sociology, race, gender, and social justice; global sociology; social inequality; or gender and family. The program not only teaches academic skills, but also develops knowledge of benefit to those working for the promotion of social equality. Course are designed to enable students to deepen their knowledge of a specialty area, to develop advanced and systematic theoretical understanding, and to develop methodological areas for vocational and professional competence.

Bachelor of Arts (BA) Sociology

Admission to the Program

Formal admission to the major requires department approval.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 42 credit hours with grades of C or better; no more than 9 credit hours may be at the 100 or 200 level

Course Requirements

- SOCY-100 U.S. Society FA4 (3)
or
SOCY-110 Views from the Third World FA3 (3)
or
SOCY-150 Global Sociology FA4 (3)
- SOCY-315 Classical Social Theory (3)
- SOCY-316 Contemporary Social Theory (3)
- SOCY-321 Sociological Reasoning with Quantitative Data (3)
- SOCY-322 Qualitative Research Methods (3)
- SOCY-491 Internship (3)
- SOCY-492 Major Seminar in Sociology (3)
- 21 credit hours in sociology electives, with no more than 6 credits at the 100 or 200 level, and at least 3 credits at the 500 level.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MA in Sociology

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BA and MA in Sociology.

Requirements

- Students should apply for this program in the second semester of the junior year. Students must have a minimum overall 3.00 grade point average. Admissions decisions to the combined program follow the same procedures and standards used to evaluate graduate applicants to the MA. Students interested in applying to this combined program should consult with their advisor and other faculty members before formal application is begun.
- All requirements for the BA in Sociology
Undergraduate students may apply up to 12 credit hours of approved graduate-level coursework in sociology, including STAT-514 Statistical Methods, to satisfy the requirements of both degrees.
- All requirements for the MA in Sociology, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Sociology

- 21 credit hours with grades of C or better with at least 12 credit hours unique to the minor

Course Requirements

- SOCY-100 U.S. Society FA4 (3)
or
SOCY-110 Views from the Third World FA3 (3)
or
SOCY-150 Global Sociology FA4 (3)
- SOCY-315 Classical Social Theory (3)
or
SOCY-316 Contemporary Social Theory (3)
- SOCY-320 Introduction to Social Research (3)
- 12 credit hours in sociology electives, with no more than 3 credits at the 100 or 200 level.

**Master of Arts (MA)
Sociology**

Admission to the Program

Applicants must meet the minimum university requirements for admission to graduate study, including a bachelor's degree from an accredited institution, with at least a 3.3 (on a 4.0 scale) grade point average. Graduate Record Examination (GRE) test scores are required. A background in the social sciences is strongly preferred. Admission to the program is at the discretion of the department's Graduate Committee. Admission decisions are based on academic record, letters of recommendation from two persons able to evaluate the applicant's potential for graduate study in sociology, and the applicant's statement linking interests to the research of one or more members of the faculty. Provisional admission may be considered on a case-by-case basis where minimum university requirements are not fully met.

Degree Requirements

- 36 credit hours of approved graduate work, including the research requirement
- Tool of research: SOCY-621 Quantitative Analysis and SOCY-623 Qualitative Research
- One written comprehensive examination covering sociological theory and methods of social research:
The comprehensive examination consists of a meeting of the student with his or her faculty committee to discuss the written proposal for the thesis or final project. The proposal and examination shall cover theoretical background, methodological approaches(s), details of the intended study, and an initial bibliography. The exam will emphasize both the student's preparation in theory and methods and the study plan. For full time students, the examination meeting will take place by the fourth week of the fall semester of the second year. For students who begin in the spring semester, or who study part time, an equivalent timetable for the examination will be established to assure timely preparation of the proposal for the thesis or final project.

- Research requirement:
SOCY-797 Master's Thesis Research (3 or 6 credit hours)
The thesis offers students the opportunity to specialize as well as further develop research skills. Students chose the subject of the thesis in consultation with their advisor.

or

- SOCY-795 Master's Research: Independent Study (3)
Completion of a substantial research report related to the student's field of interest under the guidance of a professor of the student's choice.

and

An advanced course in statistical methods or research methods, an advanced seminar in the student's field of interest, or an independent study course in the field of interest (3)

All coursework taken for the research requirement must be taken with grades of B or better.

Course Requirements

- SOCY-611 Sociological Theory (3)
- SOCY-621 Quantitative Analysis (3)
- SOCY-623 Qualitative Research (3)
- SOCY-795 Master's Research: Independent Study (3)
or
SOCY-797 Master's Thesis Research (3–6)
- 21-24 credit hours of approved graduate level electives

Graduate Certificate in Public Sociology

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution.

Certificate Requirements

- 12 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in

four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SOCY-525 Social Advocacy and Social Change (3)
or
SOCY-580 Social Policy Analysis (3)
- SOCY-684 Seminar in Public Sociology (3)
- 6 credit hours of graduate-level coursework relevant to public sociology selected in consultation with the graduate advisor. Courses outside the Sociology Department may be substituted with the approval of the graduate director.

Graduate Certificate in Social Research

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution.

Certificate Requirements

- 12 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SOCY-621 Quantitative Analysis (3)
- SOCY-623 Qualitative Research (3)
- 6 credit hours of graduate-level coursework relevant to social research selected in consultation with the graduate advisor. Courses outside the Sociology Department may be substituted with the approval of the graduate advisor.

Teaching English to Speakers of Other Languages (TESOL)

Director Polina Vinogradova

TESOL Program Office

202-885-2582

tesol@american.edu

The demand for teachers of English to speakers of other languages has markedly increased as changing national systems and global concerns have created an interdependent world. American University's TESOL program is distinctive due to its unique balance of theoretical and practical exploration. Students read and conduct research in the field of TESOL to inform their teaching practices, including planning lessons and designing assessments for English language classes. Concurrently, students are present in English language learning environments from the beginning of their TESOL course of study in such capacities as observer, tutor, etc. Faculty draw on their extensive teaching experience, research, and interaction with other cultures to provide pragmatic lessons and advice to TESOL students.

AU offers a variety of opportunities in TESOL including a combined Bachelor's/MA program, an MA in TESOL (with a joint AU/Peace Corps program), and a certificate open to both undergraduate and graduate students. An ESOL track is available in the MAT program and a graduate teaching certificate (see the School of Education, Teaching and Health for more information). In addition, the program offers an annual TESOL Summer Institute, which includes regular summer session classes plus an intensive workshop.

Starting January 2014, the program will offer the MA in Teaching English as a Foreign Language (TEFL) delivered online. This program is designed specifically for students interested in teaching outside of the United States.

Master of Arts (MA) Teaching English as a Foreign Language

The online MA in Teaching English as a Foreign Language (TEFL) program is designed specifically for students interested in teaching English as a Foreign Language (EFL) in secondary schools, universities, and private language schools outside of the United States. The program provides state-of-the-art online theoretical instruction and extensive hands-on experience in teaching EFL, while preparing English language professionals to meet the growing demand of high-quality EFL instruction worldwide. Students take one course during each 8-week session and may complete the MA in TEFL in eleven sessions (less than 6 semesters) of continuing coursework from locations in or outside of the United States.

Admission to the Program

The MA in TEFL Program welcomes applications from students residing outside of the US and incorporates all necessary elements of academic preparation to create conditions for non-native English speaking students to achieve academic success. In addition to meeting the minimum university requirements for graduate study, applicants must have a grade point average of 3.00 (on a 4.00 scale) in the undergraduate major and submit a statement of purpose and two letters of academic reference with the application. It is strongly recommended that native speakers of English have some background in at least one other language. Applicants whose native or first language is not English must demonstrate proof of language proficiency by submitting satisfactory results from the Test of English as a Foreign Language (TOEFL). The program requires a minimum TOEFL score of 95 on the Internet-based test (iBT) and a 0-credit course, Academic Writing for Graduate Students, taken by all enrolled students during their first semester in the program.

Degree Requirements

- 33 credit hours of approved graduate work with a cumulative grade point average of 3.00, including a 3 credit hour capstone experience
- Completion of all of courses with a grade of B or better
- Completion of an electronic teaching portfolio

Course Requirements

Note: The list below represents tentative course titles pending final approval.

- Principles of Linguistics (3)
 - Teaching English as a Foreign Language I (3)
 - Academic Writing for Graduate Students (0) (Taken with TEFL I)
 - Cultural Issues in the EFL Classroom (3)
 - Teaching English as a Foreign Language II (3)
 - Second Language Acquisition (3)
 - Teaching Reading and Writing in an EFL Classroom (3)
 - Teaching Listening and Speaking in an EFL Classroom (3)
 - Language Assessment in an EFL Classroom (3)
 - Curriculum and Materials Design for EFL (3)
 - Technology for EFL Learning and Teaching (3)
 - EFL Teaching Practicum (3)
- or*
- EFL Capstone Project (3)

Master of Arts (MA) Teaching English to Speakers of Other Languages

Admission to the Program

Applicants to the master's program in TESOL are subject to the minimum university requirements for admission to graduate study. Further, a grade point average of 3.00 (on a 4.00 scale) in the undergraduate major, Graduate Record Examination (GRE) scores, and two letters of academic reference are required. It is strongly recommended that native speakers of English have some background in at least one other language. Applicants whose native or first language is not English must demonstrate proof of language proficiency by submitting satisfactory results from the Test of English as a Foreign Language (TOEFL). The minimum TOEFL score for full admissions consideration is 100 on the internet-based test (iBT) or 600 on the paper-based test. Part-time as well as full-time students are welcome in the program.

A joint program between the Peace Corps and American University enables participants to prepare for Peace Corps English teaching assignments while earning an MA in TESOL. Application is made separately to American University and the Peace Corps. Admission requirements for the MA program are the same as above. The Peace Corps accepts American citizens only and participants must meet all other Peace Corps requirements prior to beginning Peace Corps service. Successful participants will begin their Peace Corp training and service after they have completed the bulk of their academic work. The Peace Corps service experience constitutes the equivalent of a 6-credit hour internship, for which the tuition is waived. Also, TESL-620 may be waived for students in the AU/Peace Corps program, for a total of 33 credit hours for the degree.

Note: This program is not designed for K–12 ESOL licensure. K-12 public school licensure (or certification) in ESOL is available through the MAT track in English for Speakers of Other Languages (ESOL). For more information, see the Education, Teaching and Health, School of, programs.

Degree Requirements

- 36 credit hours of approved TESOL coursework
- Completion of a teaching portfolio compiled during course of study
- An oral comprehensive examination taken after completion of all required coursework and the teaching portfolio
- Thesis or nonthesis option

Course Requirements

Core Courses (27 credit hours)

- TESL-500 Principles of Linguistics (3)
- TESL-501 English Language Teaching I (3)
- TESL-502 English Language Teaching II (3)
- TESL-503 Structure of English (3)

- TESL-522 Language Acquisition (3)
or
TESL-523 Second Language Acquisition (3)
- TESL-531 Language Assessment (3)
- TESL-541 Teaching Grammar (3)
or
TESL-542 Teaching Pronunciation (3)
- TESL-620 English Language Teaching III (3) (waived for students in the AU/Peace Corps program)
- One of the following:
ANTH-537 Topics in Language and Culture (3)
ANTH-544 Topics in Public Anthropology:
Anthropology of Education (3)
TESL-527 Cultural Issues in the ESL/EFL Classroom (3)
or other approved course dealing with language and sociocultural issues

Electives (9 credit hours)

- Three courses as approved by the student's advisor from the following:
ANTH-537 Topics in Language and Culture (3)
(if not taken in core)
ANTH-544 Topics in Public Anthropology:
Anthropology of Education (3) (if not taken in core)
EDU-647 Global and Multicultural Education (3)
TESL-522 Language Acquisition (3) (if not taken in core)
TESL-523 Second Language Acquisition (3)
(if not taken in core)
TESL-524 Reading and Writing in the ESL/EFL
Classroom (3)
TESL-527 Cultural Issues in the ESL/EFL Classroom (3)
(if not taken in core)
TESL-528 Foundations of Bilingual Education (3)
TESL-531 Language Assessment (3)
TESL-541 Teaching Grammar (3) (if not taken in core)
TESL-542 Teaching Pronunciation (3) (if not taken in core)
TESL-545 Curriculum and Materials Design (3)
TESL-554 Technology for Language Learning
and Teaching (3)
TESL-560 TESOL Topics (1–3)
TESL-691 Internship (1–6)
TESL-693 Peace Corps Internship (6) (required for students
in the AU/Peace Corps program)
- Thesis option: completion of TESL-797 Master's Thesis
Research (6) in lieu of 6 hours of electives listed above (the
thesis option is not available to students in the AU/Peace
Corps program)
Nonthesis option: 9 elective credit hours
Grades of B or better are required for all courses taken for the
thesis or nonthesis option.

Combined Bachelor's Degree and MA in TESOL

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn both a BA or BS in any major and an MA in TESOL (Teaching English to Speakers of Other Languages). *Note:* This program is not designed for K–12 ESOL licensure.

Requirements

- The standards for admission as defined by the relevant undergraduate teaching unit's requirements must first be satisfied. Undergraduates should apply for admission to the combined program by the end of the junior year. Undergraduates whose overall grade point average is 3.00 or higher will be considered for the combined program. Applications must be accompanied by two letters of academic reference and a statement of purpose. Students should discuss their interest in the program with the TESOL MA director before submitting a formal application.
- All requirements for a BA or BS in any major at American University
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.

- All requirements for the MA in TESOL, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Certificate in TESOL (Teaching English to Speakers of Other Languages)

Admission to the Program

A grade point average of 3.00 (on a 4.00 scale) is required. Applicants whose native or first language is not English must demonstrate proof of language proficiency by submitting satisfactory results from the Test of English as a Foreign Language (TOEFL). The minimum TOEFL score for full admissions consideration is 100 on the internet-based test (iBT) or 600 on the paper-based test.

Course Requirements (15 credit hours)

- TESL-500 Principles of Linguistics (3)
- TESL-501 English Language Teaching I (3)
- TESL-502 English Language Teaching II (3)
- Two approved TESOL courses

Note: This program is not designed for K–12 ESOL licensure.

Women's, Gender, and Sexuality Studies

Director Lauren Weis

Faculty from other schools and departments of the university teach in the program. A list of the faculty members of the Women's, Gender, and Sexuality Studies Advisory Board and other program information is available at:
www.american.edu/cas/wgs/

The Women's, Gender, and Sexuality Studies (WGSS) Program is an interdisciplinary program encompassing feminist studies, masculinity studies, and sexuality studies. The program is committed to a multicultural curriculum that sustains and integrates diverse perspectives. Program courses emphasize participatory education in which student involvement, critical thinking, and personal insight are encouraged and made relevant in the learning process. Many faculty members with national and international reputations for their scholarly work on women's/gender/sexuality issues regularly teach women's, gender, and sexuality studies courses, as well as courses in other departments and programs that count toward the major and minor.

Students who major or minor in WGSS gain experience off-campus in the nation's capital through an internship placement in an organization or agency whose mission embraces some aspect of women's/gender/sexuality studies. Students have access to powerful networks in Washington, DC that can give substantial support in career development; student interns are actively sought by organizations focused on the arts, advocacy of all kinds, communication, employment and training issues, law and policy, reproductive rights and health, social research in a wide range of fields, support services for survivors of violence and abuse, and US politics. The program also encourages and facilitates students' study abroad. Majors and minors have expanded their understanding of women's/gender/sexuality in programs in Africa, Asia, Europe and Latin America.

A degree in WGSS leads to challenging careers in a wide spectrum of occupations. An undergraduate education in WGSS also equips students with a range of skills which are highly valued in the twenty-first century labor force. The curriculum also prepares students for graduate study in the fields of women's/gender/sexuality studies or for advanced study in traditional disciplines and professional fields. Moreover, at AU students can earn a graduate certificate in women's, gender, and sexuality studies by combining graduate-level coursework on women's/gender/sexuality theory and current issues/research in WGSS with approved graduate coursework from a range of participating graduate programs.

Bachelor of Arts (BA) Women's, Gender, and Sexuality Studies

Admission to the Program

Formal admission to the major requires a grade point average of 2.00 (on a 4.00 scale) and the approval of the program director.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement
Women's, gender, and sexuality studies majors are advised to take STAT-202 Basic Statistics to fulfill the University Mathematics Requirement.

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better, including at least 18 credit hours at the 300 level or above

Course Requirements

- WGSS-125 Gender in Society FA4 (3)
- WGSS-150 Women's Voices through Time FA2 (3)
- WGSS-400 Feminist, Gender, and Sexuality Theory (3)
- WGSS-491 Internship in Women's, Gender, and Sexuality Studies (3)
- WGSS-500 Current Issues and Research in Women's, Gender, and Sexuality Studies (3)
- One course on women and/or gender in multicultural perspective from the following:
ANTH-215 Sex, Gender, and Culture FA3 (3)
JWST-320 Topics in Jewish Culture (3) (approved topic)
SOCY-235 Gender in Transnational Perspectives FA3 (3)
WGSS-350 Interpreting Gender in Culture (3) (approved topic)
or another course approved by the program director

Area of Focus (12 credit hours)

- 12 credit hours (9 of which must be at the 300 level or above) from one of three options; Arts and Humanities, Social Sciences, or an individually defined theme or issue
Note: the same course may not be used to satisfy both the women and/or gender in multicultural perspective requirement (see above) and the area of focus requirement.

Arts and Humanities

- AMST-330 Contemporary American Culture (3) (approved topics)
- AMST-340 Research on the City of Washington (1-6) (approved topics)
- ARTH-335 Twentieth Century Women Artists of the Americas (3)
- ARTH-520 Seminar in Art History (3) (approved topics)
- COMM-516 Topics in Film and Media Arts (3) (approved topics)
- EDU-419 Children's Literature: A Critical Literacy Perspective (3)
- EDU-565 Gender and Cultural Diversity in School (3)
- HIST-219 Women in America to 1850 (3)
- HIST-220 Women in America since 1850 FA4 (3)
- HIST-344 Topics in Jewish History (3) (approved topics)
- HIST-449 Topics in U.S. History (3) (approved topics)
- HIST-459 Topics in Women's, Gender, and Sexuality History (3) (approved topics)
- HIST-479 Topics in African American History (3) (approved topics)
- HIST-500 Studies in History (3) (approved topics)
- JWST-320 Topics in Jewish Culture (3) (approved topics)
- LIT-310 Major Authors (3) (approved topics)
- LIT-332 Shakespeare Studies (3) (approved topics)
- LIT-370 Topics in Women and Gender Studies (3)
- PHIL-416 Feminist Philosophy (3)
- SPAN-559 Colloquium on Latin America (3) (taught in Spanish) (approved topics)
- WGSS-350 Interpreting Gender in Culture (3) (approved topics)

Other courses approved by the program director

Social Sciences

- ANTH-215 Sex, Gender, and Culture FA3 (3)
- ANTH-254 Language and Culture (3)
- ANTH-537 Topics in Language and Culture (3) (approved topics)
- ANTH-544 Topics in Public Anthropology (3) (approved topics)
- COMM-510 Women in Journalism (3)
- COMM-534 Race and Gender in Communication and Media (3)
- ECON-374 Gender Roles in the Economy (3)
- GOVT-482 Women and Politics (3)
- GOVT-483 Women, Politics, and Public Policy (3)
- GOVT-484 Women and Political Leadership (3)
- GOVT-485 Topics in Women and Politics (1-4)
- GOVT-486 Feminist Political Theory (3)
- HFIT-245 Multicultural Health FA4 (3)
- HFIT-323 Issues in Women's Health (3)
- JLS-526 Domestic Violence (3)
- JLS-535 Gender and the Law (3)
- PSYC-320 Women and Mental Health (3)

- PSYC-430 Human Sexual Behavior (3)
- PSYC-545 Psychology of Sex Similarities and Differences (3)
- SIS-517 Gender and Conflict (3)
- SIS-559 Selected Topics in Cross-National Studies (3) (approved topics)
- SOCY-205 Diverse and Changing Families FA4 (3)
- SOCY-235 Gender in Transnational Perspectives FA3 (3)
- SOCY-354 White Privilege and Social Justice (3)
- SOCY-352 Women, Men and Social Change (3)
- SOCY-570 Sociology of Gender and Family (3)
- SPAN-456 Spanish Topics (3) (taught in Spanish) (approved topics)
- WGSS-225 Gender, Politics and Power FA4 (3)
- WGSS-350 Interpreting Gender in Culture (3) (approved topics)

Other courses approved by the program director

Individually Defined Area of Focus

An individually defined group of four courses (12 credit hours) centered on a particular theme or issue in women's and gender studies, with approval of the program director.

Electives (9 credit hours)

- Elective courses focused on women and/or gender studies, to make a total of 39 credit hours, from a list of courses approved each semester by the program director.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Sexuality and Queer Studies

The Minor in Sexuality and Queer Studies examines familiar issues in gender/sexuality studies (including lesbian, gay, bi and trans studies, masculinities, and feminist theory). But here, the starting point for discussion destabilizes categories/identities while emphasizing queer of color critiques, queer diasporas and migrations, and the new queer cultural studies. Critical applications of queer theory to personal and social life are emphasized.

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor, and at least 9 credits at the 300-level or above

Course Requirements

- WGSS-240 Sexualities Studies FA4 (3)
 - WGSS-340 Introduction to Queer Studies
 - WGSS-491 Internship in Women's, Gender, and Sexuality Studies (3)
- or*
- WGSS-500 Current Issues and Research in Women's, Gender, and Sexuality Studies (3)
- 9 credit hours from the following, with at least one course from each area:

Arts and Humanities

- AMST-334 Contemporary American Culture (3) (approved topics)
- AMST-341 Research on the City of Washington (1-6) (approved topics)
- ARTH-396 Selected Topics: Non-recurring (1-6) (approved topics)
- ARTH-431 Visual Arts in the United States to 1890 (3)
- ARTH-432 Visual Arts in the United States: 1890 to 1935 (3)
- ARTH-434 Contemporary Visual Art and Postmodernism (3)
- COMM-275 Dissident Media: Voices from the Underground FA4 (3)
- COMM-516 Topics in Film and Media Arts: The Radical Image (3)
- HIST-500 Studies in History (3) (approved topics)
- HNRS-300 Honors Colloquium in Arts and Humanities (3) (approved topics)
- LIT-310 Major Authors (3) (approved topics)
- LIT-332 Shakespeare Studies (3) (approved topics)
- LIT-337 Topics in Restoration and Enlightenment Literature (3) (approved topics)
- LIT-340 Topics in Nineteenth Century British and European Literature (3) (approved topics)

Social Sciences

- ANTH-215 Sex, Gender, and Culture FA3 (3)
- ANTH-350 Special Topics (3) (approved topics)
- ANTH-431 Taboos (3)
- ANTH-537 Topics in Language and Culture (3) (approved topics)
- ANTH-544 Topics in Public Anthropology (3) (approved topics)
- HFIT-323 Issues in Women's Health (3)
- HNRS-302 Honors Colloquium in Social Sciences (3) (approved topics)
- PSYC-430 Human Sexual Behavior (3)
- SOCY-205 Diverse and Changing Families FA4 (3)
- SOCY-350 Social Problems in a Changing World (3)
- SOCY-570 Sociology of Gender and Family (3)
- WGSS-350 Interpreting Gender in Culture (3) (approved topics)
- WGSS-400 Feminist, Gender, and Sexuality Theory (3)

Minor in Women's and Gender Studies

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor

Course Requirements

- WGSS-125 Gender in Society FA4 (3)
- or*
- WGSS-150 Women's Voices through Time FA2 (3)
- WGSS-400 Feminist, Gender, and Sexuality Theory (3)
 - WGSS-491 Internship in Women's, Gender, and Sexuality Studies (3)
- 9 credit hours of coursework, 6 of which must be at the 300-level or above, from a list of women's and gender studies courses approved by the program director
- Consult the program director for each semester's approved course offerings.

Graduate Certificate in Women's, Gender, and Sexuality Studies

Admission to the Program

Open to students enrolled in graduate degree programs, or with a bachelor's degree or equivalent from an accredited institution.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of B or better
- Grades of B- or lower in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- WGSS-500 Current Issues and Research in Women's, Gender, and Sexuality Studies (3)
 - WGSS-600 Feminist, Gender, and Sexuality Theory (3)
- 9 credit hours with at least 3 credit hours at the 600-level or above in approved graduate-level courses, which may include WGSS-691 Internship in Women's, Gender, and Sexuality Studies
- Consult the program director for approved courses offered by departments across the university

World Languages and Cultures

Chair Chip Gerfen

Full-Time Faculty

Professor Emeritus/a E.I. Burkart, G.S. Burkart, J. Schillinger, B.F. Steinbruckner

Professor N.S. Baron, C. Gerfen

Associate Professor Emeritus/a V.Z. Borkovec, J.W. Goldin, N. Harris, M.A.G. Hood, H. Pineda, J. Wisman

Associate Professor C. Hernandez, A. Israeli, A. Oliver, P. Peres, D. Rodamar, O. Rojer, A. Serra, B. Werth

Assistant Professor L. Cerezo Ceballos, E. Dawley, N. Hachad, Y.-M. Mokam, E. Namaan, Y. Sheen, N. Vilanova, N. Williams, X.R. Zhang

Professorial Lecturer L. Grandas, E. Holtermann, M. Piñeiro

Instructor J. Ata, L. Baeza-Mendoza, J. Belopolsky, G. Berg, C. Cacho, R. Cavaceppi, U. Chatterjee, S. Hazimeh, K. Jeronimides, E. Lang, H. Linville, K. Maloney, A. Martinez-Prantte, J. Nalabandian, A. Pichs, W. Quirk, C. Ruzza, S. Sow, S. Xu, X. Zhang

Director of TESOL Programs P. Vinogradova

Director of Center for Language Exploration, Acquisition, and Research G. Cruz

In an increasingly complex world that grows smaller every day, the study of languages, literatures, and cultures is of vital importance. Learning the ways other nations live and think furthers understanding among peoples and cultures. The Department of World Languages and Cultures (WLC) offers extensive undergraduate study in Arabic, French, German, Russian, and Latin American and Spanish foreign language and culture, as well as two jointly-administered programs: one in area studies and language with the School of International Service and a foreign language and communication media program with the School of Communication. In addition, the department has joined with the Kogod School of Business to offer a Bachelor of Science in Business Administration and Language and Culture Studies. Minors are available in Arabic, Chinese, French, German, Japanese, Russian, or Spanish studies, as well as language and area studies minors in French/Europe, German/Europe, Italian/Europe, Japanese/Asia, Russian/Area Studies, or Spanish/Latin America. Master's programs include the MA in Spanish: Latin American Studies and the MA in TESOL (Teaching English to Speakers of Other Languages). (For admission and requirement information, see TESOL.)

In addition to Arabic, French, German, Russian, and Spanish, language courses in Chinese, Hebrew, Italian, Japanese, Korean, Persian, Portuguese, and Swahili are offered.

Programs in world languages and cultures meet the needs of both departmental majors and other students in the university. Many undergraduates choose to minor in a language area or to complete a translation certificate. Internships are available both locally and internationally for foreign language programs and

TESOL. Students can complete translation certificates as part of their degree requirements or earn credits towards a TESOL certificate. Students also enhance their language skills through study in the AU Abroad program.

Many areas of business, industry, and government service consider a language background a career must. Recent graduates of the department have been employed in a variety of organizations and fields including the Department of State, Library of Congress, National Security Agency, Voice of America, and National Academy of Sciences, as well as international import and export firms, public and private schools and colleges, and research and development firms.

Center for Language Exploration, Acquisition, and Research

The Center for Language Exploration, Acquisition, and Research (CLEAR) of the Department of World Languages and Cultures is a comprehensive, multi-media facility which supports students and faculty in the study and teaching of foreign languages and cultures through the use of advanced technologies in audio, video, film, computer, and satellite telecommunications.

CLEAR is located in the Asbury Building lower level and is reached via the street-level entrance to the north wing of Asbury. For more information call 202-885-2396.

Undergraduate Language Program Courses

First Year 100-Level Elementary Courses Emphasis on developing basic language skills for oral and written communication with special attention to diverse cultural patterns. Three to five academic hours of class instruction per week supplemented by individual language laboratory work. A "native" speaker of a foreign language cannot enroll in or earn credit toward graduation in a 100-level course.

Second Year 200-Level Intermediate Courses Emphasis on cultural patterns and contrasts between cultures, refinement of basic language skills, study of more complex grammatical structures, and expansion of vocabulary in a cultural context. Three to five academic hours of class instruction per week supplemented by individual language laboratory work. A "native" speaker of a foreign language cannot enroll in or earn credit toward graduation in a 200-level course.

Third Year 300-Level Non-topics Courses Emphasis on advanced language use and refinement of complex grammatical structures, focusing on culturally-specific contexts. Three academic hours of class instruction per week. A "native" speaker of a foreign language cannot enroll in or earn credit toward graduation in a 300-level non-topics course.

300-, 400- and 500-Level Topics Courses Topics courses taught in the target language designed for both majors and nonmajors.

300- and 400-Level Civilization Courses Multi-faceted approach to the survey of a target civilization designed for both majors and nonmajors.

Note: A "native" speaker of a foreign language is defined as a person whose pre-college level instruction was conducted prin-

cially in that language. Students who have significant knowledge of a foreign language gained outside of pre-college instruction may also be considered by WLC to be “native” speakers, but may have valid reasons for studying the language at the 300 level or lower. Requests for such consideration will be evaluated on a case-by-case basis, and should be directed to the chair of the Department of World Languages and Cultures.

Bachelor of Arts (BA) Arabic, French, German, Russian, or Spanish Studies

Admission to the Program

Students must be approved by the department for formal admission to the major. Language coursework may be waived if high school or other preparation warrants it. Placement will be evaluated in consultation with a departmental advisor.

Majors

Arabic, French, German, Russian, or Spanish Studies

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- French, German or Spanish: 39 credit hours with grades of C or better. Prerequisite: completion of intermediate language level.
Arabic or Russian: 36 credit hours with grades of C or better. Prerequisite: completion of intermediate language level.
- One of the following field concentrations:
12 credit hours in a second foreign language at any level
or
12 credit hours in area studies in the major field at the 300 level or above
or
Teacher education leading to certification to teach a foreign language at the secondary level
or
An approved minor related to the major field; for example, another language, business administration, communication, economics, political science, history, sociology, literature, anthropology, or international studies

Course Requirements

Arabic (36 credit hours)

- ARAB-302 Advanced Arabic I (4) (may be replaced by other 300- or 400- level courses if warranted by language proficiency)
- ARAB-303 Advanced Arabic II (4) (may be replaced by other 300- or 400- level courses if warranted by language proficiency)
- ARAB-304 Levantine Colloquial Arabic I (4)
- ARAB-305 Levantine Colloquial Arabic II (4)
- ARAB-425 Introduction to Arabic-Islamic Civilization (3)
- ARAB-480 Senior Capstone: Concept of the City (3)
- 3 credit hours of coursework with a significant classical Arabic component as approved by advisor
- 3 credit hours of linguistics coursework from the following:
ANTH-225 Language and Human Experience FA1 (3)
ANTH-254 Language and Culture (3)
TESL-5xx course as approved by advisor
- Remaining credit hours at the 400-level or above in Arabic studies or study abroad courses as approved by advisor

French (39 credit hours)

- FREN-322 Advanced French I (3) (may be replaced by other 400--level courses if warranted by language proficiency)
- FREN-323 Advanced French II (3) (may be replaced by other 400-level courses if warranted by language proficiency)
- FREN-431 *Civilisation Française I* (3)
- FREN-432 *Civilisation Française II* (3)
- FREN-480 Senior Capstone: Concept of the City (3)
- 3 credit hours of linguistics coursework from the following:
ANTH-225 Language and Human Experience FA1 (3)
ANTH-254 Language and Culture (3)
TESL-5xx course as approved by advisor
- Remaining credit hours at the 400-level or above in French studies

German (39 credit hours)

- GERM-332 German Conversation and Composition I (3) (may be replaced by other 300- or 400-level courses if warranted by language proficiency)
- GERM-333 German Conversation and Composition II (3) (may be replaced by other 300- or 400- level courses if warranted by language proficiency)
- GERM-438 German Civilization I (3)
- GERM-439 German Civilization II (3)
- GERM-480 Senior Capstone: Concept of the City (3)
- 3 credit hours of linguistics coursework from the following:
ANTH-225 Language and Human Experience FA1 (3)
ANTH-254 Language and Culture (3)
TESL-5xx course as approved by advisor

- Remaining credit hours chosen from 300–400-level courses, independent study projects, internships, and topics courses in German studies

Russian (36 credit hours)

- RUSS-342 Russian Conversation and Composition I (3)
- RUSS-343 Russian Conversation and Composition II (3)
- RUSS-480 Senior Capstone: Concept of the City (3)
- 3 credit hours of linguistics coursework from the following:
ANTH-225 Language and Human Experience FA1 (3)
ANTH-254 Language and Culture (3)
TESL-5xx course as approved by advisor
- Remaining credit hours chosen from 300–500-level courses, independent study, and internships

Spanish (39 credit hours)

- SPAN-352 Spanish Conversation and Composition I (3) (may be replaced by other 300- or 500-level course if warranted by language proficiency)
- SPAN-353 Spanish Conversation and Composition II (3) (may be replaced by other 300- or 500-level course if warranted by language proficiency)
- SPAN-357 Introduction to Latin American Literature (3)
- SPAN-450 Spanish Civilization I: Spain (3)
- SPAN-480 Senior Capstone: Concept of the City (3)
- SPAN-491 Internship: Spanish (2–6)
- 3 credit hours of Latin American culture and society coursework as approved by advisor
- 3 credit hours of linguistics coursework from the following:
ANTH-225 Language and Human Experience FA1 (3)
ANTH-254 Language and Culture (3)
SPAN-456 Spanish Topics (3) (approved topic)
SPAN-461 Introduction to Spanish Linguistics (3)
TESL-5xx course as approved by advisor
- Remaining credit hours chosen from Spanish topics, colloquium, and literature courses

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100–200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Arabic, French, German, Russian, or Spanish Language

Requirements

- 24 credit hours with grades of C or better in courses taught in the language (Arabic, French, German, Russian, or Spanish) with 12 credit hours at the 300 level or above; or a total of 18 credit hours at the 300 level or above. At least 12 credit hours must be unique to the minor.

Minor in Chinese or Japanese Language

Requirements

- 24 credit hours with grades of C or better with 6 credit hours at the 300 level or above; at least 12 credit hours must be unique to the minor.

Minor in Russian Studies

Requirements

- RUSS-200 Russia and the United States FA3 (3)
- 15 credit hours with grades of C or better in Russian studies from course offerings in at least three different departments. Nine of these 15 credit hours must be at the 300 level or above. At least 12 credit hours must be unique to the minor.

Bachelor of Arts (BA) Foreign Language and Communication Media

Admission to the Program

Students are admitted either to the School of Communication or to the Department of World Languages and Cultures in the College of Arts and Sciences. Formal admission to the Foreign Language and Communication Media (FLCM) major requires a cumulative grade point average (GPA) of 2.50. Students who are unable to achieve a 2.50 GPA and declare a major in FLCM are not allowed to take courses in the School of Communication after they have completed 60 credit hours of undergraduate credit.

Program Tracks

French, German, Russian, or Spanish combined with Broadcast Journalism, Print Journalism, Public Communication, or Film and Media Arts

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 57 credit hours with grades of C or better
With approval of the student's advisor, up to 6 credit hours taken abroad may be applied toward the communication requirements.
- Prerequisite competency in the major language at the intermediate level
- Students must maintain a minimum 2.50 cumulative GPA

Course Requirements**Foundation (6 credit hours)**

- COMM-100 Understanding Media FA4 (3)
- COMM-200 Writing for Communication (3)

Foreign Language (18 credit hours)

- 18 credit hours of courses in the major language (French, German, Russian, or Spanish) at the 300 level or above taken in the Department of World Languages and Cultures

Contemporary Culture (6 credit hours)

- Two courses related to any contemporary culture as approved by advisor

Linguistics (3 credit hours)

- One of the following:
ANTH-225 Language and Human Experience FA1 (3)
ANTH-254 Language and Culture (3)
TESL-5xx linguistics course as approved by advisor

Communication (24 credit hours)

- Three media studies courses from the School of Communication, with at least one at the 300-level or above; and five professional courses in one of the four communication program tracks: broadcast journalism, print journalism, public communication, or visual media:

Broadcast Journalism

- Three media studies courses with at least one at the 300-level or above, as approved by advisor
- COMM-305 Digital Skills (3)
- COMM-320 Reporting (3)
- COMM-385 Digital Audio Production (3)
- COMM-428 Advanced Television and Video Production (3)
- COMM-432 Television Field Reporting (3)

Print Journalism

- Three media studies courses with at least one at the 300-level or above, as approved by advisor
- COMM-305 Digital Skills (3)
- COMM-320 Reporting (3)
- COMM-425 Advanced Reporting (3)

- Two from the following:
COMM-323 Computer Techniques for Communication Studies (3)
COMM-325 Feature Article Writing (3)
COMM-326 Sports Journalism (3)
COMM-330 Principles of Photography (3)
COMM-502 In-Depth Journalism (3)
COMM-521 Opinion Writing (3)
COMM-545 Business and Economic Journalism (3)

Public Communication

- COMM-209 Communication and Society (3)
- Two additional media studies courses with at least one at the 300-level or above, as approved by advisor
- COMM-301 Public Relations (3) (with a grade of B or better)
- COMM-337 Public Relations Writing (3)
- COMM-346 Public Relations Case Studies (3)
- COMM-380 Public Communication Research (3)
- COMM-437 Public Relations Media (3)

Film and Media Arts

- COMM-105 Visual Literacy FA1 (3)
- Two additional media studies courses with at least one at the 300-level or above, as approved by advisor
- COMM-250 Digital Imaging (3)
- COMM-330 Principles of Photography (3)
- COMM-331 Film and Video Production I (3)
- COMM-382 Writing for Visual Media (3)
- One additional course approved by advisor

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Language and Area Studies

The BA in Language and Area Studies is designed for students with a strong interest in a region of the world and in a language of that region. This innovative program achieves a balance between humanities and social sciences courses, combined with an advanced level of foreign language study. The program builds on the strengths of the CAS Department of World Languages and Cultures (WLC) and the SIS field of Comparative and Regional Studies.

Admission to the Program

To be considered for freshman admission, an applicant should have earned at least a 3.00 average in secondary school. Students from other regionally accredited collegiate institutions, and students in other programs at American University who have completed the freshman year, should maintain a cumulative grade point average of 3.00 (on a 4.00 scale) to be considered for transfer to the program.

Majors

French/Europe, German/Europe, Russian/Area Studies, or Spanish/Latin America

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 51 credit hours with grades of C or better
- Proficiency in the appropriate foreign language demonstrated by achieving a B (3.00) average or better for all coursework in the foreign language taken in the Department of World Languages and Cultures.

Students may, where appropriate, and with Faculty Advisory Committee approval, select special topics courses to fulfill requirements. Student may also apply up to 3 credit hours toward the major from an approved internship. Study abroad course credits may be used toward the major with the approval of the Faculty Advisory Committee.

Course Requirements

Foundation Courses (9 credit hours)

- SISU-105 World Politics FA3 (3)
- One intercultural communication course from the following:
SISU-140 Cross-Cultural Communication FA3 (3)
SISU-360 Topics in Identity, Race, Gender, and Culture:
Foundations of International Communication (3)

- One comparative politics course from the following:
GOVT-130 Comparative Politics FA3 (3)
GOVT-231 Third World Politics (3)
GOVT-232 Politics of Post industrial Societies (3)

Foreign Language Courses (18 credit hours)

- 18 credit hours of coursework in a single foreign language at the 300 level or above.

Area Studies (21 credit hours)

- 15 credit hours, with 12 credit hours at the 300 level or above, in humanities courses, including 3 credit hours from the Department of History (HIST-xxx) and an additional 3 credit hours of coursework with a strong historical component, from the following. Other appropriate area studies courses may be substituted with the approval of the major advisor.

French/Europe

- FREN-431 *Civilisation Française I* (3)
- FREN-432 *Civilisation Française II* (3)
- FREN-433 French Topics (3)
- FREN-434 French Translation: Concepts and Practice (3)
- FREN-436 *Le Français Commercial* (3)
- FREN-437 *Les Registres du Français* (3)
- PHIL-411 Modern European Movements (3) (topics)

German/Europe

- GERM-230 The Modernist Explosion: Culture and Ideology in Europe (3)
- GERM-336 German Topics (3)
- GERM-338 Introduction to German Translation (3)
- GERM-432 Studies in German Film (3)
- GERM-433 German Lyric Poetry (3)
- GERM-438 German Civilization I (3)
- GERM-439 German Civilization II (3)
- HIST-418 Nazi Germany (3)
- PHIL-411 Modern European Movements (3) (topics)

Russian/Area Studies

- HIST-225 Russia and the Origins of Contemporary Eurasia FA3 (3)
- HIST-231 The Russian Empire, 1650–1917 (3)
- HIST-232 The Soviet Union (3)
- HIST-445 Russian Studies (3) (topics)
- RUSS-347 Introduction to Russian Literature (3)
- RUSS-441 Russian Media and Political Translation (3)
- RUSS-548 Russian Topics (3)

Spanish/Latin America

- HIST-241 Colonial Latin America (3)
- HIST-242 Latin America since Independence (3)
- HIST-440 Latin American Studies (3) (topics)
- SPAN-210 Latin America: History, Art, Literature FA3 (3)
- SPAN-357 Introduction to Latin American Literature (3)
- SPAN-450 Spanish Civilization I: Spain (3)
- SPAN-456 Spanish Topics (3)
- SPAN-458 Introduction to Spanish Translation (3)
- SPAN-459 Advanced Spanish Translation (3)

SPAN-491 Spanish Internship: *Proyecto Amistad* (2–6)
 SPAN-554 Classics of Latin American Literature (3)
 SPAN-559 Colloquium on Latin America (3)

- 6 credit hours of coursework in social science courses, selected from the following. Other appropriate area studies courses may be substituted with the approval of the major advisor.

French/Europe

ANTH-439 Culture, History, Power, Place (3) (topics)
 ECON-318 Economic History (3)
 ECON-351 Comparative Economic Systems (3)
 ECON-361 Economic Development (3)
 GOVT-232 Politics of Postindustrial Societies (3)
 GOVT-432 Political Institutions and Processes in Selected Countries (3) (topics)
 GOVT-532 Political Institutions and Processes in Selected Regions (3) (topics)
 SISU-333 European Foreign and Security Policy (3)
 SISU-383 Overview of the European Union (3)

German/Europe

ANTH-439 Culture, History, Power, Place (3) (topics)
 ECON-318 Economic History (3)
 ECON-351 Comparative Economic Systems (3)
 ECON-361 Economic Development (3)
 GOVT-232 Politics of Postindustrial Societies (3)
 GOVT-432 Political Institutions and Processes in Selected Countries (3) (topics)
 GOVT-532 Political Institutions and Processes in Selected Regions (3) (topics)
 HIST-418 Nazi Germany (3)
 SISU-333 European Foreign and Security Policy (3)
 SISU-383 Overview of the European Union (3)
 SIS-551 Economy, Politics and Society in Europe (3)

Russian/Area Studies

ANTH-439 Culture, History, Power, Place (3) (topics)
 ECON-318 Economic History (3)
 ECON-351 Comparative Economic Systems (3)
 ECON-361 Economic Development (3)
 ECON-552 Economics of Transition (3)
 GOVT-432 Political Institutions and Processes in Selected Countries: Former USSR (3)
 GOVT-532 Political Institutions and Processes in Selected Regions: Eastern Europe (3)

HIST-225 Russia and the Origins of Contemporary Eurasia FA3 (3)

HIST-231 The Russian Empire, 1650–1917 (3)
 HIST-232 The Soviet Union (3)
 HIST-445 Russian Studies (3) (topics)
 RUSS-200 Russia and the United States FA3 (3)
 SISU-216 Contemporary Russia (3)

Spanish/Latin America

ANTH-439 Culture, History, Power, Place (3) (topics)
 ECON-351 Comparative Economic Systems (3)
 ECON-361 Economic Development (3)
 ECON-318 Economic History (3)
 GOVT-432 Political Institutions and Processes in Selected Countries (3) (topics)
 GOVT-532 Political Institutions and Processes in Selected Regions (3) (topics)
 HIST-241 Colonial Latin America (3)
 HIST-242 Latin America since Independence (3)
 HIST-440 Latin American Studies (3) (topics)
 SISU-214 Contemporary Latin America (3)
 SISU-240 International Development (3)
 SIS-577 International Relations of the Americas (3)
 SOCY-531 Transnational Reach: Latin America (3)

Senior Capstone (3 credit hours)

- Students enroll either in an SIS comparative seminar or in an approved topics or seminar course in World Languages and Cultures

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Language and Area Studies

- 24 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- 12 credit hours in the Department of World Languages and Cultures at the 200 level or above, including two courses at the 300 level.
- 12 credit hours selected from an approved list of courses in area studies:
Courses include those from anthropology (ANTH-xxx), economics (ECON-xxx), history (HIST-xxx), international studies (SIS-xxx), literature (LIT-xxx), or sociology (SOCY-xxx); one 3-credit course must be at the 300 level or above from SIS; one 3-credit course must be from history.
- Areas offered:
French/Europe, German/Europe, Russian/Area Studies, Spanish/Latin America: see list of approved courses for major in Language and Area Studies, above.
Italian/Europe, Japanese/Asia: consult LAS degree program advisor for approval of courses for this minor.

Undergraduate Certificate in Translation

Students receive an Undergraduate Certificate in French, German, Russian, or Spanish by completing 15 credit hours of coursework according to the sequence required for their particular language. All courses taken in the Department of World Languages and Cultures toward the certificate may be used by undergraduates toward departmental majors or minors in the same language.

The emphasis of this program is on translation into English. This certificate program provides students with an academic grounding in translation theory and practice. Students interested in obtaining further translation credentials are encouraged to discuss their options with the appropriate language advisor.

For core courses to count toward the certificate, students must receive a grade of B or better; for elective courses, a grade of C or better is required. For non-core courses, students complete an additional translation project beyond the normal course requirements and must receive a satisfactory evaluation for their project. Students will only be permitted to do these translation projects after having completed at least one of the first two core courses.

Admission to the Program

Open to all students who have completed the appropriate 300-level Conversation and Composition II or Advanced II language course, or equivalent. Equivalency is determined in consultation with faculty advisor. Students whose native language is not English must meet university requirements for English competency (minimum TOEFL score of 600). Before commencing the program, students should consult the appropriate advisor in the Department of World Languages and Cultures to plan out their program of study.

French Translation Certificate

Course Requirements (15 credit hours)

Core

- FREN-434 French Translation: Concepts and Practice (3)
- FREN-435 French Translation Workshop (3)
- At least one of the following:
FREN-430 *Syntaxe et Style du Français* (3)
FREN-436 *Le Français Commercial* (3)
FREN-437 *Les Registres du Français* (3)

Electives

- Two courses selected from the other core courses or from offerings in French at the 400-level

German Translation Certificate

Course Requirements (15 credit hours)

Core

- GERM-338 Introduction to German Translation (3)
- GERM-339 Business German (3)

Electives

- Three courses selected from offerings in German at the level of GERM-336 or above

Russian Translation Certificate

Course Requirements (15 credit hours)

Core

- RUSS-441 Russian Media and Political Translation (3)
- RUSS-443 Russian Business Translation (3)
- One of the following:
RUSS-546 Russian Advanced Grammar and Composition I (3)
RUSS-547 Russian Advanced Grammar and Composition II (3)

Electives

- Two courses selected from the other core course or from offerings in Russian at the level of RUSS-347 or above.

Spanish Translation Certificate

Course Requirements (15 credit hours)

Core

- SPAN-458 Introduction to Spanish Translation (3)
- SPAN-459 Advanced Spanish Translation (3)
- One of the following:
SPAN-461 Introduction to Spanish Linguistics (3)
SPAN-456 Spanish Topics:
Applied Spanish Linguistics (3)
Advanced Spanish Grammar and Composition (3)

Electives

- Two courses selected from the other core courses or from approved offerings in Spanish at the 300-level or above.

Master of Arts (MA) Spanish: Latin American Studies

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants should be proficient in Spanish and preferably hold a BA in Spanish or a related field. Both part-time and full-time students are welcome in the program. Applicants are required to submit a statement of purpose, sample of written work in Spanish, and three letters of recommendation as part of their formal application to the program.

Degree Requirements

- 33 credit hours of approved graduate work, with at least 21 credit hours in courses taught in Spanish. coursework includes 21 credit hours of core requirements and 12 credit hours in a field of concentration.
- Capstone experience: one of the following:
Comprehensive examination: two-part written comprehensive exam, one part in Spanish, one part in either Spanish or English. The core is covered in the first part and the field of concentration in the second. The comprehensive examination is given twice a year, toward the end of each semester.

or

Two qualifying papers

Course Requirements

Core Courses (21 credit hours)

- 9 credits from the following:
SPAN-701 Latin American Theatre and Politics (3)
SPAN-702 Latin American History and Politics from the Margins (3)
SPAN-704 Central American Cultural Studies (3)
SPAN-705 Seminar in Spanish and Latin American Studies (3) (topics)
- 12 credits from the following:
SPAN-553 Culture and Radical Politics in Latin America (3)
SPAN-554 Classics of Latin American Literature (3) (topics)
SPAN-555 Southern Cone Performance, Memory, and Activism (3)
SPAN-556 Culture and Violence in Latin America (3)
SPAN-557 Afro-Latin American Culture, Literature, and Music (3)
SPAN-558 Colombia and the Amazonia (3)
SPAN-559 Colloquium on Latin America (3) (topics)
SPAN-560 Latin American Caudillos, Caciques, and Dictators (3)

Note: For their core, students should choose courses covering at least four of the five Latin American geographical areas (Mexico, Central America, the Caribbean, the Andean region, and the Southern Cone).

Field of Concentration (12 credit hours)

- Students construct a field of concentration, in consultation with an advisor, in one of the following areas. Other appropriate field of concentration courses may be approved by the program advisor.

Interdisciplinary Studies (e.g., culture and literature, international studies, history, communications, public affairs)

- HIST-640 Latin American Studies (3) (approved topics)
- SIS-577 International Relations in the Americas (3)
- SIS-653 Topics in U.S. Foreign Policy (3) (approved topics)
- SIS-658 Financial Issues in Latin America (3)
- SIS-669 Human Rights in Latin America (3)
- SIS-676 Selected Topics in Cross-National Studies (3) (approved topics)

Spanish Language Teaching

- EDU-521 Foundations of Education (3)
- EDU-609 Effective Teaching for Diverse Students (3)
- EDU-622 Language and Literacy Learning (3)
- SPAN-661 Introduction to Spanish Linguistics (3)

Translation and Linguistics (students can also complete a Graduate Certificate in Spanish Translation)

- ANTH-537 Topics in Language and Culture (3) (approved topics)
- SPAN-658 Introduction to Spanish Translation (3)
- SPAN-659 Advanced Spanish Translation (3)
- SPAN-661 Introduction to Spanish Linguistics (3)

Internships are encouraged and are credited within the field of concentration. They are usually taken pass/fail and can be done either locally (through SPAN-691 *Proyecto Amistad*) or abroad. A maximum of 3 credit hours of internships can be applied to the degree.

Graduate Certificate in Translation

Students receive a Graduate Certificate in French, Russian, or Spanish by completing 15 credit hours of coursework according to the required sequence for the particular language. All courses taken in the Department of World Languages and Cultures toward the certificate may be used by graduate students toward the master's degree in the same language.

The emphasis of this program is on translation into English. This certificate program provides students with an academic grounding in translation theory and practice. Students interested in obtaining further translation credentials are encouraged to discuss their options with the appropriate language advisor.

For core courses to count toward the certificate, students must receive a grade of B or better. For non-core courses, students complete an additional translation project beyond the normal course requirements and must receive a satisfactory evaluation for their project. Students will only be permitted to do these translation projects after having completed at least one of the first two core courses. Students must have an overall 3.00 grade point average in certificate courses in order to be awarded the certificate.

Admission to the Program

Open to students who have a bachelor's degree. If the undergraduate degree is not in the language for which they wish to obtain a certificate, students must have completed the appropriate 300-level Conversation and Composition II or Advanced II language course, or equivalent. Equivalency is determined in consultation with the faculty advisor. Students whose native language is not English must meet university requirements for English competency (minimum TOEFL score of 600). Before commencing the program, students should consult the appropriate advisor in the Department of World Languages and Cultures to plan their program of study.

French Translation Certificate

Course Requirements (15 credit hours)

Core

- FREN-634 French Translation: Concepts and Practice (3)
- FREN-635 French Translation Workshop (3)
- One of the following:
 - FREN-630 *Syntaxe et Style du Français* (3)
 - FREN-636 *Le Français Commercial* (3)
 - FREN-637 *Les Registres du Français* (3)

Electives

- Two courses selected from the other courses on the core course list or from offerings in French at the 500 level or above.

Russian Translation Certificate

Course Requirements (15 credit hours)

Core Courses

- RUSS-641 Russian Media and Political Translation (3)
- RUSS-643 Russian Business Translation (3)
- One of the following:
 - RUSS-546 Russian Advanced Grammar and Composition I (3)
 - RUSS-547 Russian Advanced Grammar and Composition II (3)

Electives

- Two courses may include the other course on the core course list or be selected from offerings in Russian at the 500 level or above.

Spanish Translation Certificate

Course Requirements (15 credit hours)

Core

- SPAN-658 Introduction to Spanish Translation (3)
- SPAN-659 Advanced Spanish Translation (3)
- One of the following:
 - SPAN-656 Spanish Topics (approved language-related topic)
 - SPAN-661 Introduction to Spanish Linguistics (3)

Electives

- Two courses selected from the other core courses or from offerings in Spanish at the 500 level or above.

Kogod School of Business

Dean Michael J. Ginzberg

Senior Associate Dean for Academic Affairs Ajay Adhikari

Associate Dean for Academic Programs Lawrence P. Ward

Undergraduate Programs Jesse Boeding (Assistant Dean),
Greg Bailey, Tonya Clonen, Derek Hewlett, Chad Nelson,
Rene Thomas

Graduate Programs Anne M. Ferrante (Director),
Brian McEntee, Nichole Wood

Admissions Judith E. Byers (Director), Michelle Doyle,
Jason Kennedy, Chris Lind

Global Learning Programs Jolie Roetter (Director)

Kogod Leadership and Applied Business

Allison Holcomb (Director), Andrew Toczydlowski

Kogod Center for Career Development

Arlene Hill (Director), Andrea Carpenter, Jacques Domenge,
Annie Matanin, Jennifer Murphy, John O'Neill, Wim Taylor

Kogod Center for Business Communication

Bonnie Auslander (Director), Nancy Sachs

Full-Time Faculty

University Professor Emeritus H.E. Striner

University Professor H.K. Baker

Professor Emeritus/a C.I. Bartfeld, D.R. Brenner,
T.V. DiBacco, R.M. Durand, R.B. Edelman, R. Estes,
G.T. Ford, D.M. Khambata, P.C. Kumar, A. LaSalle,
D.C. Martin, M.B. Mazis, J. Owens, W.H. Peters, M. Seldin,
J.H. Sood

Professor A. Adhikari, B. Bird, E. Carmel, P. Chinloy,
W.H. DeLone, A. Duru, A. Espinosa, M. Ginzberg,
M. Hastak, S.R. Holmberg, G. Krishnan, R. Lumsdaine,
T. Mroczkowski, M.P. Sampson, E.A. Wasil, D.T. Williamson
Associate Professor Emeritus/a G.F. Bulmash, J.R. Burns,
J.R. Butts, S.H. Ivison, Jr., J. Kokus, Jr., R.L. Losey, A.
C. Perry, V. Selman, R.M. Springer, Jr., R.B. Thompson,
R.J. Volkema

Associate Professor M.A. Clark, K.J. Cornaggia, P. David,
F.L. DuBois, H. Elms, R. Gibson, S.A. Grier, R. Hauswald,
I. Karaesmen, P.J. Jacoby, S. Krische, G. Lee, G. Martin,
M.A. Mass, A. Mitra, J. Oetzel, L.A. Riddick, M.A. Robe,
J.L. Swasy, X. Zhang, Y. Zhao

Assistant Professor N. Amaral, W. Boland, V.G. Bruno,
E. Cakici, R. Edgell, C. Goldberg, Y. Jeong, R.G. Linowes,
S. Mady, S. Mazvancheryl, A. Mislin, A. Omar, T. Prono,
C. Russell, L. Shrenk, Y. Zhang

Senior Professorial Lecturer D. Jacobs

Professorial Lecturer M. Clayton

Executive in Residence S. Bedford, M. Carberry,
A. Del Mar, C. Evans, S. Fowler, D. Harr, O. Ionici,
J. Katkish, D. Kautter, J.A. Klein, E. Lindsay, J. Moser,
G. Nakshbendi, J. Pope, R. Sicina, M. Waldman

Mission

At American University's Kogod School of Business in Washington, DC our mission is to:

- Provide our graduates with a rigorous framework of business education and research that develops their critical thinking and problem solving skills that are relevant to all industries and interests.
- Prepare our graduates to be the best to work and lead in organizations across the private and public sections spanning the globe, and to understand the broad and enduring impact organizations have on individuals and society.
- Conduct and publish high-quality scholarship for academic and professional audiences.

Vision

The American University Kogod School of Business is committed to the belief that profit and purpose are not at odds.

For more information: www.kogod.american.edu

Accreditation

The Kogod School of Business is accredited by AACSB International, the Association to Advance Collegiate Schools of Business.

Departments and Centers

The school is made up of six departments: Accounting and Taxation, Finance and Real Estate, International Business, Information Technology, Management, and Marketing. The Accounting and Taxation Department oversees the instruction of all courses pertaining to accounting, taxation, and business law. The Department of Finance and Real Estate provides courses in finance, financial institutions, managerial economics, and real estate. The Department of International Business offers a variety of international courses that cover all of the business disciplines, including marketing, human resources management, finance, accounting, and trade. The Department of Information Technology provides instruction in information technology, with particular emphasis on the global dimensions of technology, as well as production/operations management, statistics, strategies for information technology development and use, and management of information technology resources. The Management Department provides instruc-

tion in the areas of human resources, organizational behavior, entrepreneurship, strategy, business and corporate ethics, sustainability management, and global business citizenship. The Department of Marketing teaches courses in consumer behavior, research, advertising and promotion, marketing strategy development, and technology based marketing.

The Center for Information Technology and the Global Economy is a leader in the area of business issues at the intersection of information technology and globalization. This is accomplished by supporting scholarly research and dialogue with the practitioner community.

Kogod Center for Career Development (KCCD)

Given the unique professional development needs of business students, Kogod has its own career center which provides comprehensive career services to all Kogod students. The KCCD hosts a wide range of employers for on-campus recruiting and coordinates NYC industry trips each fall (Finance/Real Estate) and spring (Marketing/Communication). Through cutting edge online resources and a knowledgeable staff, KCCD provides students 24/7 career support ranging from identifying an area of interest to identifying potential employers. Professional and student staff provide customized one-on-one advising, workshops and mock interviews to ensure students are successful not only in their initial internship and job searches, but in their lifelong career management as well. Throughout the year, KCCD hosts Industry Days that bring working professionals, hiring managers, alumni and students together for educational and hiring purposes. These Industry Days include Accounting/Finance, Consulting, IT, Marketing, International Business, the Business of Entertainment as well as The Kogod Network. More information about KCCD is available at: www.american.edu/kogod/career/index.cfm.

K-LAB (Kogod Leadership and Applied Business)

At Kogod, the belief is that education should extend beyond the classroom to include experiential learning that will enhance students' intellectual development, leadership ability, communication skills, and professional self-confidence. To that end, a "lab" was created for business students, where activities that allow students to learn valuable skills in real world settings are developed and supported. Information on programs as well as students clubs and organizations is available at: www.american.edu/kogod/klab/.

Student Organizations

- Accounting Club
- Alpha Kappa Psi (AKPsi)
- Asian MBA Association
- Association for Information Systems
- Association of Certified Fraud Examiners
- Consulting Club
- Entrepreneurs Club
- F1 Visa Club
- Financial Management Association (FMA)
- Graduate Business Association (GBA)
- Graduate Marketing Club
- Hispanic Business Association (HBA)
- International Business Club

- JD/MBA Society
- LGBT Business Association
- Music Business Club
- National Black MBA Association
- Net Impact at American University
- Private Equity & Venture Capital Club
- Professional Women's Association
- Real Estate Club
- Social Media Club
- Toastmasters
- Undergraduate Business Association (UBA)
- Undergraduate Marketing Association
- Women in Business

Programs

The **Case Competition** is one of the premier annual events hosted by the Kogod School of Business for graduate and undergraduate students. Case competitions are an excellent opportunity for students to sharpen their communication skills, case analysis, presentation style, and problem-solving techniques. Students work in teams to analyze a business case and present their findings to area business leaders and alumni who serve as judges.

The **1955 Club** provides undergraduate students with meaningful opportunities to develop leadership skills through an annual leadership retreat. The organization emphasizes personal responsibility, integrity, and professional development. The 1955 Club has two groups: Kogod Envoys serve as program ambassadors, and Peer Mentors provide support to first year student programming.

The **Washington Initiative** is a service learning program that provides Kogod undergraduates with volunteer opportunities to work on substantial business projects at local non-profits and charitable agencies while earning academic credit. The program challenges students to examine their beliefs and values about business, ethics, and civic responsibility by applying business practices to the community's needs.

The **Road Scholars** program exposes undergraduate students to the study of business and industry through organized study and travel to a different destination each year. Through site visits, networking events, and workshops, students experience diverse industries firsthand.

The **Making a Difference is Our Business** program coordinates projects each semester to provide graduate students with the opportunity to work with fellow students on service projects.

Global Learning Programs

One of Kogod's core philosophies is that students who have spent time in diverse locations are better prepared to manage and communicate in cross-cultural settings and compete in a global environment. To complete this critical piece of their business education, students can choose from programs of various lengths in more than 100 locations worldwide, including nearly 30 accredited business programs in over 20 countries.

Kogod undergraduate students can pursue a range of global learning opportunities, including semester, summer or year-long study abroad programs, intern abroad programs, and

intensive short-term courses focused on a specific economy. While abroad, students can earn core or elective credits toward their degree requirements.

Kogod graduate students can choose from several short-term immersive programs, offered in major European business centers as well as emerging economies. Kogod also offers semester abroad opportunities for graduate students, as well as the intensive, week-long Kogod Global Management Institute (KGMI), held on our Washington, DC campus.

Undergraduate Programs

The undergraduate business program provides students with a sound understanding of the major functional areas of business while focusing on the communication, teamwork, and real world problem solving skills needed for successful professional careers. KSB undergraduate programs include the Bachelor of Science in Accounting, Bachelor of Science in Business Administration, the Bachelor of Science in Business, Language & Culture Studies, the Bachelor of Science in Business and Entertainment, and the Bachelor of Science in Finance, as well as minors in accounting, business administration, finance, information systems and technology, international business, leadership and management, and marketing.

The first two years of study focus on the five foundational areas of the General Education Program and additional coursework to develop the necessary background knowledge, skills, and competency that apply to the study of business. The foundation work includes courses in college writing, mathematics (applied calculus and statistics), economics, and cross cultural communication. The business core courses emphasize broad business functions, global perspectives on commerce, and the essential role of technology in the marketplace. It also provides background in the production and marketing of goods, the financing of products and organizations, and the management of people and enterprises. During the first semester, freshmen take the Kogod gateway course, KSB-100 Business 1.0., which provides a unique, hands-on, and fun introduction to the study of business. Business 1.0 uses a variety of different learning tools including small group discussions, team presentations, and lectures. In later semesters, students study accounting concepts along with the legal and ethical dimensions of decision-making that impact contemporary organizations. The program also features coursework in organizational behavior, business finance, international business, operations management, and business strategy.

The undergraduate business programs have a liberal arts-based curriculum with a business core that provides a broad knowledge of business functions while emphasizing the global business environment. In addition to the business core, Kogod students have the option to choose a specialization and/or design a double major, minor, or interdisciplinary curriculum.

Business Honorary Society

The school recognizes the academic, professional, and personal achievement of enrolled students through membership in Beta Gamma Sigma (BGS). BGS is the highest academic recognition for outstanding students from an AACSB accredited undergraduate or graduate business program. Eligible students are invited to membership every spring.

The objectives of the business core are:

- develop students' intellectual curiosity and the ability to think creatively, reason logically and respect diverse ideas and people;
- a global perspective on business operations and economics;
- an understanding of how goods and services are produced and marketed;
- a foundation in the concepts and applications of accounting, financial analysis, and business finance;
- an understanding of basic management theory and organizational dynamics of the contemporary business enterprise;
- an appreciation of the legal, ethical, and societal dimensions of business decision-making; and,
- an ability to integrate learning across academic disciplines and to develop strategic decision-making skills.

In addition, each student is expected to:

- demonstrate professional competence in oral, written, and interpersonal communication skills in a business setting;
- understand how to use technology and analytical tools to improve efficiency, productivity, problem solving, and communication; and,
- understand the nature of group dynamics and how teams of diverse individuals work together to analyze and solve business problems.

Several features of the program are important to these goals and distinguish it, including:

- an emphasis on the development of an individual career strategy and the development of professional skill sets;
- an integrated set of courses and co-curricular activities that develop managerial decision making skills;
- extensive opportunities for study abroad, internships (domestic and international), and interaction with international and national agencies that affect domestic and international business practices; and,
- a learning environment composed of skilled faculty and students from all over the world.

Internship and Field Experience Programs

Qualified business majors are encouraged to participate in the Internship Program, which provides students the opportunity to apply theories learned in their coursework to a profes-

sional work setting integral to their academic programs and career goals. The program enables students to make career decisions and prepare for the professional job market while earning degree credit. Positions may be with businesses, local, state, or federal governments or community, social service, or not-for-profit organizations. To earn academic credit, undergraduate students must have completed 12 credit hours in business including the 300-level core course in the relevant Kogod department. The credit earned in an internship course cannot replace a core or area of specialization course. A student may count no more than three internship credits in total towards the 120 credit graduation requirement for an undergraduate business degree.

Students who do not meet the internship credit prerequisite may be eligible for a .25 credit field experience which has substantively different requirements from an internship. Field experience is defined as short-term experiential education completed on site at a professional organization and is considered integral to a business education (home offices do not meet the criteria). Students who have a declared or intended business major and have completed at least three (3) Kogod credits with a minimum 2.75 GPA, registered as a full-time student in the current semester (or in the case of the summer, registered for the fall semester), but are not eligible for upper-level internship credit may register for up to two field experiences (one field experience per organization). The field experience must be at least four weeks in length. Students must complete a pre- and post-field experience session facilitated by the Kogod Center for Career Development (KCCD). Any student on an F-1 visa for immigration purposes will not be eligible for compensation until they have completed one full academic year.

Bachelor of Science in Business Administration (BSBA)

Admission to the Program

Freshman applicants should have demonstrated above average performance in their college preparatory courses in secondary school. Scores on the SAT or ACT should indicate that the applicant has the potential for success in a rigorous university degree program. Due to the quantitative emphasis of the business administration curriculum, it is strongly recommended that applicants take the SAT II Math test for placement purposes.

In addition to university requirements for transfer admission, transfer applicants to KSB should have a minimum grade point average of 2.50 (on a 4.00 scale). This also applies to students transferring from nondegree status at American University. All transfer students are required to take MGMT-458 and at least 18 upper-level credit hours toward their major requirements in residence. Transfer credits for 300-level and above business courses are subject to validation by the appropriate department chair and may be conditional on successful completion of a more advanced course at American University.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline
Foundational Area 4 should be fulfilled by ECON-100 Macroeconomics and ECON-200 Microeconomics.

Major Requirements

- A total of 120 credit hours with a cumulative grade point average of 2.00 or higher
Students must ensure that no more than 66 of the 120 credit hour graduation requirement are taken within the Kogod School of Business.
IBUS-200 and FIN-200 are considered business courses and may not count toward the non-business course requirement even if they are taken for General Education credit.
- Business core courses: 36 credit hours with grades of C or better (pass/fail grades are not permitted)
- Students must maintain a minimum cumulative grade point average of 2.0 to be eligible to enroll in business courses
- Area of specialization: a minimum of 12 credit hours with grades of C or better (pass/fail grades are not permitted)
Students should declare an area of specialization before the end of their junior year. All areas of specialization must be approved in advance by the Office of Academic Programs. Students must meet the following minimum standards of performance prior to approval:
minimum grade of C in MATH-211 Applied Calculus I and STAT-202 Basic Statistics
minimum grade of C in ECON-100 Macroeconomics and ECON-200 Microeconomics
With the approval of the Office of Academic Programs, BSBA students pursuing a second major may fulfill a custom specialization with courses from their non-KSB major coursework.
- Free electives: 24 credit hours
- At least 50 percent of the business credit hours required for the BSBA must be earned at American University

Course Requirements

Students are responsible for fulfilling university and school requirements following a prescribed sequence. The academic advisors in the Kogod School's Office of Academic Programs must be consulted for counseling and advice when preparing class schedules. However, it is the student's responsibility to consult course descriptions to identify course prerequisites and when courses are offered.

Non-Business Requirements

- ECON-100 Macroeconomics FA4 (3)
 - ECON-200 Microeconomics FA4 (3)
 - MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)
- Students needing to strengthen their quantitative skills should begin with MATH-170 Precalculus Mathematics

- STAT-202 Basic Statistics (4)

Business Core Courses (36 credit hours)

- ACCT-240 Principles of Financial Accounting (3)
 - ACCT-241 Principles of Managerial Accounting (3) (AT)
 - FIN-365 Business Finance (3) (AT)
 - IBUS-300 Fundamentals of International Business (3) (C/W)
 - ITEC-200 The Edge of Information Technology (3) (AT)
 - ITEC-355 Production/Operations Management (3) (AT/C)
 - KSB-100 Business 1.0 (3)
(students not taking KSB-100 in their freshman year take a 300- or 400-level business course in its place)
 - MGMT-201 Global Corporate Citizenship (3) (O)
 - MGMT-353 Management and Organizational Behavior (3) (T)
 - MGMT-458 Business Policy and Strategy (3) (C/O/T/W)
 - MKTG-300 Principles of Marketing (3) (W)
 - 3 credit hours in an approved business law or legal environment of business course
- AT = analytical tool emphasis; provides a strong foundation in business analytical software
C = case analysis emphasis; provides growth opportunities for students to evaluate cases
O = oral communication emphasis; assists in the development of oral presentation skills
T = teamwork emphasis; focuses on teamwork and the importance of interpersonal relationships and communication
W = written communication emphasis; develops business writing skills, written assignments account for a significant part of the course grade

Area of Specialization

Kogod students select an area of specialization from the approved programs below or design a custom specialization with the assistance and approval of their academic advisor. Specializations are 12 credit hours, with the exception of finance, which requires 15 credit hours. Students who choose to pursue two specializations must complete a minimum of 12 credit hours (or 15 credit hours for finance) for each specialization. With the approval of the Office of Academic Programs, BSBA students pursuing a second major may fulfill a custom specialization with courses from their non-KSB major coursework.

Students who choose the specialization in International Business must demonstrate proficiency in a second language at

the intermediate level. For options and more information, see the Kogod School's Office of Academic Programs.

Students who choose the specialization in International Business must also satisfy a global experience requirement. This can be met either through completion of an approved study abroad program, an international internship, or successful completion of a comparable American University global immersion course. Exceptions to this requirement may be granted on a case by case basis by the Department of International Business. International students are exempt from this requirement.

Accounting (12 credit hours)

- ACCT-340 Intermediate Accounting I (3)
- ACCT-341 Intermediate Accounting II (3)
- ACCT-345 Cost Accounting and Strategic Cost Management (3)
- ACCT-443 Federal Income Taxation of Individuals and Businesses (3)

Entrepreneurship (12 credit hours)

- MGMT-382 Entrepreneurship and Innovation (3)
- MGMT-383 Entrepreneurship Business Plans: Creating, Building, and Managing Ventures (3)
- 6 credit hours from the following:
MGMT-360 Nonprofit and Social Entrepreneurship (3)
MGMT-361 Global Entrepreneurship and Micro Enterprises (3)
MGMT-409 Leading High Performance Teams (3)
or
MGMT-465 Negotiation (3)
MGMT-469 Entrepreneurship Financial and Legal Strategies (3)
MGMT-471 Peace through Entrepreneurship and Global Business Practicum (3)

Finance (15 credit hours)

- FIN-468 Intermediate Corporate Finance (3)
- FIN-469 Investment Analysis (3)
- 6 credit hours from the following:
FIN-460 Financial Modeling (3)
FIN-462 Private Wealth Management (3)
FIN/IBUS-463 International Finance (3)
FIN-464 Financial Markets and Institutions (3)
FIN-465 Derivative Securities (3)
FIN-467 Mortgage Finance (3)
FIN-472 Fixed Income (3)
FIN-573 Corporate Valuation and Financial Strategy (3)
FIN-574 Quantitative Methods in Finance (3)
FIN-575 CFA Level I Intensive Review (3)
FIN-576 Student-Managed Investment Fund (1-3)
(maximum 3 credit hours)
- 3 additional credit hours from the courses above or from the following:
ACCT-340 Intermediate Accounting I (3)
ECON-301 Intermediate Macroeconomics (3)

- ECON-322 Applied Econometrics I (4)
- ECON-341 Public Economics (3)
- ECON-345 Introduction to Game Theory (3)
- ECON-346 Competition, Regulation, and Business Strategies (3)
- FIN-466 Real Estate Principles and Transactions (3)
- FIN-475 Real Estate Management and Development (3)

Information Systems and Technology (12 credit hours)

- ITEC-455 Business Process and Requirements Analysis (3)
- ITEC-470 Database and Big Data (3)
- 6 credit hours from the following:
 - ITEC-320 Business Analytics (3)
 - ITEC-333 Topics in Information Technology (3)
 - ITEC-334 Online Application Development (3)
 - ITEC-350 Digital Leadership and Strategy (3)
 - ITEC-454 Fundamentals of Digital and Mobile Commerce (3)
 - ITEC-460 Business Intelligence (3)
 - ITEC-466 Cyber Security Risk Management (3)

International Business (12 credit hours)

- 3 credit hours of approved coursework in global emerging markets
- 6 credit hours from the following:
 - IBUS-301 International Marketing (3)
 - IBUS-401 Cultural Environment of International Business (3)
 - IBUS-402 International Human Resources Management (3)
 - IBUS-463/FIN-463 International Finance (3)
- 3 credit hours from the following:
 - IBUS-303 Learning from Global Enterprise Failure (3)
 - IBUS-396 Selected Topics: Non-recurring (3) (approved topic)
 - IBUS-408 Export-Import Management (3)
 - IBUS-471/MGMT-471 Peace through Entrepreneurship and Global Business Practicum (3)
 - IBUS-496 Selected Topics: Non-recurring (3) (approved topic)
 - IBUS-550 Microfinance in Global Business Development (3)
 - MGMT-361 Global Entrepreneurship and Micro Enterprises (3)

Management (12 credit hours)

- MGMT-381 Managing Human Capital (3)
- MGMT-409 Leading High Performance Teams (3)
- 6 credit hours from the following:
 - IBUS-402 International Human Resource Management (3)
 - MGMT-382 Entrepreneurship and Innovation (3)

or

 - MGMT-360 Nonprofit and Social Entrepreneurship (3)
 - MGMT-465 Negotiation (3)
 - MGMT-484 Consulting and Project Management (3)

Marketing (12 credit hours)

- MKTG-301 Consumer Behavior (3)
- MKTG-302 Marketing Research (3)
- 6 credit hours from the following:
 - IBUS-301 International Marketing (3)
 - MKTG-311 Internet Marketing (3)
 - MKTG-402 Marketing Strategy (3)
 - MKTG-411 Advertising and Marketing Communications Management (3)
 - MKTG-412 Advertising and Promotion Campaigns (3)
 - MKTG-421 Brand Management (3)
 - MKTG-431 Direct Response Marketing (3)
 - MKTG-541 Sports Marketing Management (3)
 - MKTG-551 Marketing for Social Change (3)
 - MKTG-561 Customer Relationship Management and Database Marketing (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Bachelor of Science (BS)

Accounting

The BS in Accounting program meets the needs of students pursuing professional accounting careers in public accounting or in industrial, financial, governmental, not-for-profit, and consulting organizations. Requirements include university writing, mathematics, and General Education courses, the Kogod School of Business (KSB) undergraduate business core, advanced-level accounting courses, and sufficient electives to permit students to pursue a minor or other area of interest. Students successfully completing the requirements for the BS in Accounting should be well prepared to sit for the Uniform CPA Examination and for additional study required for professional licensure.

Admission to the Program

Freshman applicants should have demonstrated above average performance in their college preparatory courses in second-

ary school. Scores on the SAT or ACT should indicate that the applicant has the potential for success in a rigorous university degree program. Due to the quantitative emphasis of the business administration curriculum, it is strongly recommended that applicants take the SAT II Math test for placement purposes.

In addition to university requirements for transfer admission, transfer applicants to KSB should have a minimum grade point average of 2.50 (on a 4.00 scale). This also applies to students transferring from nondegree status at American University. All transfer students are required to take MGMT-458 and at least 18 upper-level credit hours toward their major requirements in residence. Transfer credits for 300-level and above business courses are subject to validation by the appropriate department chair and may be conditional on successful completion of a more advanced course at American University.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline
Foundational Area 4 should be fulfilled by ECON-100 Macroeconomics and ECON-200 Microeconomics.

Major Requirements

- A total of 120 credit hours with a cumulative grade point average of 2.00 or higher
Students must ensure that no more than 60 of the 120 credit hour graduation requirement are taken within the Kogod School of Business.
IBUS-200 and FIN-200 are considered business courses and may not count toward the non-business course requirement even if they are taken for General Education credit.
- At least 50 percent of the business credit hours required for the BS in Accounting must be earned at American University
- Students must maintain a minimum cumulative grade point average of 2.0 to be eligible to enroll in business courses
- A total of 70-71 credit hours with grades of C or better for the major requirements
- Business core courses: 36 credit hours with grades of C or better (pass/fail grades are not permitted)
- Advanced accounting requirements: 21 credit hours with grades of C or better (pass/fail grades are not permitted)
- Economics requirement: 6 credit hours in ECON-100 and ECON-200 with grades of C or better (pass/fail grades are not permitted)

- Math requirement: 7-8 credit hours in ITEC-320 or MATH-211 or MATH-221, and STAT-202, with grades of C or better (pass/fail grades are not permitted)

Course Requirements

The sequencing of courses is particularly important in the case of the BS in Accounting. For this reason, students are responsible for consulting with advisors in the KSB Office of Academic Programs as they plan their overall programs and semester class schedules.

Economics Requirement (6 credit hours)

- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)

Math Requirement (7-8 credit hours)

- ITEC-320 Business Analytics (3)
or
MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (4)

- STAT-202 Basic Statistics (4)

Business Core Courses (36 credit hours)

- ACCT-240 Principles of Financial Accounting (3)
- ACCT-241 Principles of Managerial Accounting (3) (AT)
- FIN-365 Business Finance (3) (AT)
- IBUS-300 Fundamentals of International Business (3) (C/W)
- ITEC-200 The Edge of Information Technology (3) (AT)
- ITEC-355 Production/Operations Management (3) (AT/C)
- KSB-100 Business 1.0 (3)
(students not taking KSB-100 in their freshman year take a 300- or 400-level business course in its place)
- MGMT-201 Global Corporate Citizenship (3) (O)
- MGMT-353 Management and Organizational Behavior (3) (T)
- MGMT-458 Business Policy and Strategy (3) (C/O/T/W)
- MKTG-300 Principles of Marketing (3) (W)
- 3 credit hours in an approved business law or legal environment of business course
AT = analytical tool emphasis; provides a strong foundation in business analytical software
C = case analysis emphasis; provides growth opportunities for students to evaluate cases
O = oral communication emphasis; assists in the development of oral presentation skills
T = teamwork emphasis; focuses on teamwork and the importance of interpersonal relationships and communication
W = written communication emphasis; develops business writing skills, written assignments account for a significant part of the course grade

Advanced Accounting Courses (21 credit hours)

- ACCT-340 Intermediate Accounting I (3)
- ACCT-341 Intermediate Accounting II (3)

- ACCT-345 Cost Accounting and Strategic Cost Management (3)
- ACCT-443 Federal Income Taxation of Individuals and Businesses (3)
- ACCT-549 Contemporary Assurance and Audit Services (3)
- Two courses from the following:
 - ACCT-547 Advanced Financial Reporting (3)
 - ACCT-550 Accounting Information Systems (3)
 - ACCT-551 Forensic Accounting: Fraud Examination and Litigation Support (3)
 - ACCT-560 Governmental and Not-for-Profit Accounting (3)

Note: For students intending to take the CPA exam immediately after completion of the BS in Accounting program, ACCT-547 and ACCT-560 are recommended.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Bachelor of Science (BS) Business and Entertainment

Unique to American University, the BS in Business and Entertainment is a four-year program for students with strong interests in business and the business of entertainment. The program offers a substantial, exciting, and integrated curriculum that prepares students for a career in the entertainment sector. Students learn about the business of entertainment by completing Kogod's AACSB-accredited core business program, an entertainment core, and an entertainment specialization track.

The Business and Entertainment program gives students a strong foundation of academic and hands-on coursework. The business core provides a broad array of basic business knowledge and skills in areas such as accounting, finance, management, marketing, operations management, information technology, and business strategy. The entertainment core focuses on economic, legal, and business aspects of the entertainment industry itself, preparing students for work in this challenging area. In completing the entertainment specializa-

tion track, students learn more about a particular sector or field of interest within the general entertainment industry. Specialization areas include agency, audio technology, and music performance. In consultation with the Business and Entertainment Program Director, students may also create self-designed specializations. Finally, students may leverage their academic experience with a for-credit internship, membership in the Business and Entertainment Club, and numerous co-curricular experiences.

Admission to the Program

Freshman applicants should have demonstrated above average performance in their college preparatory courses in secondary school. Scores on the SAT or ACT should indicate that the applicant has the potential for success in a rigorous university degree program. Due to the quantitative emphasis of the business administration curriculum, it is strongly recommended that applicants take the SATII Math test for placement purposes.

In addition to university requirements for transfer admission, transfer applicants to KSB should have a minimum grade point average of 2.50 (on a 4.00 scale). This also applies to students transferring from nondegree status at American University. All transfer students are required to take MGMT-458 and at least 18 upper-level credit hours toward their major requirements in residence. Transfer credits for 300-level and above business courses are subject to validation by the appropriate department chair and may be conditional on successful completion of a more advanced course at American University.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Foundational Area 4 should be fulfilled by ECON-100 Macroeconomics and ECON-200 Microeconomics with grades of C or better (pass/fail grades are not permitted).

Major Requirements

- A total of 120 credit hours with a cumulative grade point average of 2.00 or higher

Students must ensure that no more than 66 of the 120 credit hour graduation requirement are taken within the Kogod School of Business.

IBUS-200 and FIN-200 are considered business courses and may not count toward the non-business course requirement even if they are taken for General Education credit.

Students must complete 45 of the last 60 credit hours on campus, with a minimum of 15 credit hours of upper-level courses

- A total of 75 credit hours with grades of C or better for the major requirements
- Business core courses: 36 credit hours with grades of C or better (pass/fail grades are not permitted)
- Entertainment core courses: 13 credit hours with grades of C or better (pass/fail grades are not permitted)
- Entertainment specialization: 12-15 credit hours with grades of C or better (pass/fail grades are not permitted)
- Students must maintain a minimum cumulative grade point average of 2.0 to be eligible to enroll in business or music courses

Course Requirements

Students are responsible for fulfilling university and school requirements following a prescribed sequence. Students work closely with their academic advisor in Kogod to ensure appropriate course sequencing. However, it is the student's responsibility to consult course descriptions to identify course prerequisites and to determine when courses are offered.

General Requirements (14 credit hours)

Students must complete the following courses with a grade of C or better:

- ECON-100 Macroeconomics (3)
 - ECON-200 Microeconomics (3)
 - MATH-211 Applied Calculus I (4)
- or*
- MATH 221 Calculus I (4)

- STAT-202 Basic Statistics (4)

Business Core Courses (36 credit hours)

- ACCT-240 Principles of Financial Accounting (3)
 - ACCT-241 Principles of Managerial Accounting (3) (AT)
 - FIN-365 Business Finance (3) (AT)
 - IBUS-300 Fundamentals of International Business (3) (C/W)
 - ITEC-200 The Edge of Information Technology (3) (AT)
 - ITEC-355 Production/Operations Management (3) (AT/C)
 - KSB-100 Business 1.0 (3)
(students not taking KSB-100 in their freshman year take a 300- or 400-level business course in its place)
 - MGMT-201 Global Corporate Citizenship (3) (O)
 - MGMT-353 Management and Organizational Behavior (3) (T)
 - MGMT-458 Business Policy and Strategy (3) (C/O/T/W)
 - MKTG-300 Principles of Marketing (3) (W)
 - 3 credit hours in an approved business law or legal environment of business course
- AT = analytical tool emphasis; provides a strong foundation in business analytical software
C = case analysis emphasis; provides growth opportunities for students to evaluate cases
O = oral communication emphasis; assists in the development of oral presentation skills

T = teamwork emphasis; focuses on teamwork and the importance of interpersonal relationships and communication

W = written communication emphasis; develops business writing skills, written assignments account for a significant part of the course grade

Entertainment Core Courses (13 credit hours)

- ITEC-335 Social Networking, Social Media, and Web 2.0 (3)
- MGMT-301 The Entertainment Industry: Structure and Business Models (3)
- MGMT-302 Entertainment Law (3)
- KSB-391 Internship (1)
or
1 credit hour in another approved internship
- One course from the following:
MGMT-304 Protecting the Creative Class in the Face of Technological Innovation (3)
MGMT-305 Music Publishing and Copyright (3)

Entertainment Specialization (12-15 credit hours)

Students select an entertainment specialization from the approved programs below or design a custom specialization with the assistance and approval of the Business and Entertainment Program Director.

Agency (12 credit hours)

- ACCT-443 Federal Income Taxation of Individuals and Businesses (3)
- COMM-301 Public Relations (3)
- MGMT-303 Representing Talent (3)
- MGMT-465 Negotiation (3)

Audio Technology (12 credit hours)

- ATEC-101 Fundamentals of Audio Technology (3)
- ATEC-102 Audio Technology Laboratory (1)
- ATEC-301 Digital Audio Workstations I (3)
- ATEC-311 Sound Studio Techniques I (3)
- 2 credit hours of approved audio technology lab courses

Music Performance (12 credit hours)

- PERF-124 Music Theory I (3)
- 4 credit hours from the following:
MUS-121 Private Instrumental or Vocal Study (1)
MUS-122 Private Instrumental or Vocal Study (2)
- 2 credit hours from the following:
PERF-142/PERF-542 University Chorus (1)
PERF-143/PERF-543 University Singers (2)
PERF-144/PERF-544 University Orchestra (1)
PERF-145/PERF-545 Chamber Ensembles (1)
PERF-146/PERF-546 Jazz Orchestra (1)
PERF-147 Symphonic Band (1)
PERF-161/561 Gospel Choir (1)

- One course from the following:
PERF-320 History of Rock Music (3)
PERF-321 Evolution of Jazz and Blues (3)
PERF-323 History of Music II: From 1750 to the Present (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Bachelor of Science (BS) Business, Language & Culture Studies

The BS in Business, Language & Culture Studies is designed for students with a passion for business and a complementary enthusiasm for a foreign language. Students choose a language track (Arabic, French, German, Russian, or Spanish) when entering the program, complete the business core, and spend one semester abroad taking courses in their language track. Upon completion of this interdisciplinary program, students will be prepared to take the American Council on the Teaching of a Foreign Language (ACTFL) oral proficiency interview and qualify for a regional fluency certificate (i.e. French Chamber of Commerce Certificate). Students with a solid academic foundation in business and a strong proficiency in a foreign language will be highly competitive in the global marketplace.

Admission to the Program

Freshman applicants should have demonstrated above average performance in their college preparatory courses in secondary school. Scores on the SAT or ACT should indicate that the applicant has the potential for success in a rigorous university degree program. Due to the quantitative emphasis of the business administration curriculum, it is strongly recommended that applicants take the SAT II Math test for placement purposes.

In addition to university requirements for transfer admission, transfer applicants to KSB should have a minimum grade point average of 2.50 (on a 4.00 scale). This also applies to students transferring from nondegree status at American University. All transfer students are required to take MGMT-458 and at least 18 upper-level credit hours toward their major requirements in residence. Transfer credits for 300-level and above

business courses are subject to validation by the appropriate department chair and may be conditional on successful completion of a more advanced course at American University.

Due to language proficiency expectations, it is strongly recommended that students enter the program at the intermediate level of language study.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Foundational Area 1 should be fulfilled by ANTH-225 Language and Human Experience with grades of C or better (pass/fail grades are not permitted) and an appropriately corresponding course.

Foundational Area 4 should be fulfilled by ECON-100 Macroeconomics and ECON-200 Microeconomics with grades of C or better (pass/fail grades are not permitted).

Language Tracks

Arabic, French, German, Russian, or Spanish

Major Requirements

- A total of 120 credit hours with a cumulative grade point average of 2.00 or higher
Students must ensure that no more than 66 of the 120 credit hour graduation requirement are taken within the Kogod School of Business.
IBUS-200 and FIN-200 are considered business courses and may not count toward the non-business course requirement even if they are taken for General Education credit.
Students must complete 45 of the last 60 credit hours on campus, with a minimum of 15 credit hours of upper-level courses
- A total of 77-83 credit hours with grades of C or better for the major requirements
- Business core courses: 36 credit hours with grades of C or better (pass/fail grades are not permitted)
- Students declare a language track (Arabic, French, German, Spanish or Russian) upon entering the program:
24 credit hours in French, German, Spanish or Russian at the 300 level or above with grades of C or better (pass/fail grades are not permitted)
30 credit hours in Arabic at the 300 level or above with grades of C or better (pass/fail grades are not permitted)
At least 12 credits must be taken abroad in the foreign language

At least 6 credits taken at AU or abroad must be business topics in the foreign language, all business courses in a language must be taken at an AACSB institution or Kogod approved institution

- Students must maintain a minimum cumulative grade point average of 2.0 to be eligible to enroll in business or language courses
- At least 50 percent of the business credit hours required for the BS in Business, Language & Culture Studies must be earned at American University
- Study Abroad Requirement: every Business, Language & Culture Studies student must study abroad and take a minimum of 12 credits in their language track. Students should consult the AU Abroad website and work closely with their advisor to identify suitable options and timelines for their abroad experience.

Course Requirements

Students are responsible for fulfilling university and school requirements following a prescribed sequence. Students work closely with their academic advisor in Kogod and their faculty advisor in the Department of World Languages and Cultures in the College of Arts and Sciences to ensure appropriate course sequencing. However, it is the student's responsibility to consult course descriptions to identify course prerequisites and when courses are offered.

General Requirements (17 credit hours)

Students must complete the following courses with a grade of C or better:

- ANTH-225 Language and Human Experience (3)
- ECON-100 Macroeconomics (3)
- ECON-200 Microeconomics (3)
- MATH-211 Applied Calculus I (4)
or
MATH 221 Calculus I (4)
- STAT-202 Basic Statistics (4)

Business Core Courses (36 credit hours)

- ACCT-240 Principles of Financial Accounting (3)
- ACCT-241 Principles of Managerial Accounting (3) (AT)
- FIN-365 Business Finance (3) (AT)
- IBUS-300 Fundamentals of International Business (3) (C/W)
- ITEC-200 The Edge of Information Technology (3) (AT)
- ITEC-355 Production/Operations Management (3) (AT/C)
- KSB-100 Business 1.0 (3)
(students not taking KSB-100 in their freshman year take a 300- or 400-level business course in its place)
- MGMT-201 Global Corporate Citizenship (3) (O)
- MGMT-353 Management and Organizational Behavior (3) (T)
- MGMT-458 Business Policy and Strategy (3) (C/O/T/W)
- MKTG-300 Principles of Marketing (3) (W)
- 3 credit hours in an approved business law or legal environment of business course

AT = analytical tool emphasis; provides a strong foundation in business analytical software

C = case analysis emphasis; provides growth opportunities for students to evaluate cases

O = oral communication emphasis; assists in the development of oral presentation skills

T = teamwork emphasis; focuses on teamwork and the importance of interpersonal relationships and communication

W = written communication emphasis; develops business writing skills, written assignments account for a significant part of the course grade

Language Core Requirements (24-30 credit hours)

French, German, Russian, or Spanish

- 24 credit hours in the major language at the 300 level or above with grades of C or better (pass/fail grades are not permitted)
- At least 12 credits must be taken abroad in the foreign language
- At least 6 credits taken at AU or abroad must be business topics in the foreign language (all business courses in a language must be taken at an AACSB institution or Kogod approved institution).

Arabic

- 30 credit hours in Arabic at the 300 level or above with grades of C or better (pass/fail grades are not permitted)
- At least 12 credits must be taken abroad in the foreign language
- At least 6 credits taken at AU or abroad must be business topics in the foreign language (all business courses in a language must be taken at an AACSB institution or Kogod approved institution).
- Required international immersion program during summer between junior and senior year

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Bachelor of Science (BS) Finance

The BS in Finance program meets the needs of students pursuing professional financial careers in industrial, financial, governmental, not-for-profit, and consulting organizations. In addition to completing the university writing, mathematics, and general education requirements, students complete the business undergraduate core and 24 credits of advanced-level courses providing an in-depth knowledge of finance. Students successfully completing these requirements should be well prepared for professional financial careers, to sit for the first level of the Chartered Financial Analyst (CFA) or the Certified Financial Planner (CFP) exams, to continue their education in one of KSB's master's programs, or to pursue additional study towards a graduate degree at other institutions.

Admission to the Program

Freshman applicants should have demonstrated above average performance in their college preparatory courses in secondary school. Scores on the SAT or ACT should indicate that the applicant has the potential for success in a rigorous quantitative university degree program. Due to the quantitative emphasis of the business administration and finance curricula, it is strongly recommended that applicants take the SAT II Math test for placement purposes.

In addition to university requirements for transfer admission, transfer applicants to KSB should have a minimum grade point average of 3.00 (on a 4.00 scale). This also applies to students transferring from nondegree status at American University. All transfer students are required to take MGMT-458 and at least 21 upper-level credit hours toward their major requirements in residence. Transfer credits for 300-level and above business courses are subject to validation by the appropriate department chair and may be conditional on successful completion of a more advanced course at American University. Transfer students may transfer into American University up to 18 credit hours of their general business core including FIN-365 Business Finance and FIN-464 Financial Markets and Institutions with a B or better from an AACSB-accredited institution. Final determination of valid transfer credit will lie with the department chair.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline
Foundational Area 4 should be fulfilled by ECON-100 Macroeconomics and ECON-200 Microeconomics.

Major Requirements

- A total of 120 credit hours with a cumulative grade point average of 2.00 or higher
Students must complete at least 50 percent of their coursework (60 credit hours) outside of KSB. Student may take more than 60 credit hours of business courses as long as 50 percent of their total credit hours are earned in non-business coursework.
IBUS-200 and FIN-200 are considered business courses and may not count toward the non-business course requirement even if they are taken for General Education credit.
No more than 3 credit hours of FIN-576 Student-Managed Investment Fund may be applied to the major, and no more than a total of 6 credit hours of FIN-576 may be applied to a combination of undergraduate and graduate degrees from the Kogod School of Business.
- At least 50 percent of the business credit hours required for the BS in Finance must be earned at American University
- Students must maintain a minimum cumulative grade point average of 2.0 to be eligible to enroll in business courses
- A total of 68 credit hours with grades of C or better for the major requirements
- Business core courses: 36 credit hours with grades of C or better (pass/fail grades are not permitted)
- Finance requirements: a minimum of 24 credit hours with grades of C or better (pass/fail grades are not permitted)
- Math requirement: 8 credit hours in MATH-211 or MATH-221 (recommended) and STAT-202 with grades of C or better (pass/fail grades are not permitted)

Course Requirements

The sequencing of courses is particularly important in the case of the BS in Finance. For this reason, students are responsible for consulting with advisors in the KSB Office of Academic Programs as they plan their overall programs and semester class schedules.

Math Requirement (8 credit hours)

- MATH-211 Applied Calculus I (4)
or
MATH-221 Calculus I (recommended)
- STAT-202 Basic Statistics (4)

Business Core Courses (36 credit hours)

- ACCT-240 Principles of Financial Accounting (3)
- ACCT-241 Principles of Managerial Accounting (3) (AT)
- FIN-365 Business Finance (3) (AT)
- IBUS-300 Fundamentals of International Business (3) (C/W)
- ITEC-200 The Edge of Information Technology (3) (AT)
- ITEC-355 Production/Operations Management (3) (AT/C)
- KSB-100 Business 1.0 (3)
(students not taking KSB-100 in their freshman year take a 300- or 400-level business course in its place)
- MGMT-201 Global Corporate Citizenship (3) (O)

- MGMT-353 Management and Organizational Behavior (3) (T)
 - MGMT-458 Business Policy and Strategy (3) (C/O/T/W)
 - MKTG-300 Principles of Marketing (3) (W)
 - 3 credit hours in an approved business law or legal environment of business course
- AT = analytical tool emphasis; provides a strong foundation in business analytical software
 C = case analysis emphasis; provides growth opportunities for students to evaluate cases
 O = oral communication emphasis; assists in the development of oral presentation skills
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 W = written communication emphasis; develops business writing skills, written assignments account for a significant part of the course grade

Finance Core Courses (15 credit hours)

- FIN-460 Financial Modeling (3)
- FIN-464 Financial Markets and Institutions (3)
- FIN-468 Intermediate Corporate Finance (3)
- FIN-469 Investment Analysis (3)
- FIN-472 Fixed Income (3)

Finance Elective Courses (9 credit hours)

- 9 credit hours from the following:
 FIN-462 Private Wealth Management (3) (WM)
 FIN-463 International Finance (3) (WM/CF/SA/RE)
 FIN-465 Derivative Securities (3) (SA)
 FIN-467 Mortgage Finance (3) (WM/CF/RE)
 FIN-475 Real Estate Management and Development (3) (RE)
 FIN-573 Corporate Valuation and Financial Strategy (3) (WM/CF/SA/RE)
 FIN-574 Quantitative Methods in Finance (3) (WM/CF/SA/RE)
 FIN-575 CFA Level I Intensive Review (3) (SA)
 FIN-576 Student-Managed Investment Fund (1-3) (maximum 3 credit hours) (WM/CF/SA/RE)

Suggested course selections for a desired professional track:

CF = Corporate Finance

RE = Real Estate

SA = Security Analysis, Trading, and Portfolio Management

WM = Wealth Management

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of Uni-

versity Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Minor in Accounting

The minor in accounting provides non-business students with a thorough grounding in financial and management accounting and an introduction to an advanced area of accounting. This minor is especially appropriate for students who will use accounting knowledge extensively in their work and for those interested in preparing for a professional accounting career. Students who earn an undergraduate minor and the MS in Accounting or MS in Taxation will be well prepared for the Uniform CPA Exam and meet the educational requirements for professional licensure in most states.

Minor Requirements

- 18 credit hours with grades of C or better, a minimum of 12 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- ACCT-240 Principles of Financial Accounting (3)
- ACCT-241 Principles of Managerial Accounting (3)
- ACCT-340 Intermediate Accounting I (3)
- ACCT-341 Intermediate Accounting II (3)
- ACCT-345 Cost Accounting and Strategic Cost Management (3)
- 3 credit hours from the following:
 ACCT-443 Federal Income Taxation of Individuals and Businesses (3)
 ACCT-547 Advanced Financial Accounting (3)
 ACCT-549 Contemporary Assurance and Audit Services (3)
 ACCT-550 Accounting Information Systems (3)
 ACCT-551 Forensic Accounting: Fraud Examination and Litigation Support (3)
 ACCT-560 Governmental and Not-for-Profit Accounting (3)

Minor in Business Administration

The minor is designed to provide coverage of the common body of knowledge in business administration for non-business majors.

Minor Requirements

- 18 credit hours with grades of C or better, a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- ACCT-240 Principles of Financial Accounting (3)
- FIN-365 Business Finance (3) (prerequisite: ACCT-240, ECON-200 Microeconomics and STAT-202 Basic Statistics)
- MGMT-353 Management and Organizational Behavior (3)
- MKTG-250 Fundamentals of Marketing and Business for Communications (3)
or
MKTG-300 Principles of Marketing (3) (prerequisite: ECON-200 Microeconomics)
- 6 credit hours from the following:
ACCT-241 Principles of Managerial Accounting (3)
IBUS-300 Fundamentals of International Business (3)
ITEC-355 Production/Operations Management (3)
(prerequisite: ACCT-241, ECON-200 Microeconomics, MATH-211 Applied Calculus I or MATH-221 Calculus I, and STAT-202 Basic Statistics)
MGMT-201 Global Corporate Citizenship (3)

Minor in Finance

The minor in finance provides non-business majors with an understanding of key finance concepts. Through case studies and company projects, students learn how to apply these concepts to real-life situations. Students also gain insight on financial markets and their wide-ranging impacts.

Minor Requirements

- 19-22 credit hours with grades of C or better, a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- ACCT-240 Principles of Financial Accounting (3)
- ECON-100 Macroeconomics FA4 (3) *and* ECON-200 Microeconomics FA4 (3)
or
an approved economics course covering the fundamentals of business economics (3)
- FIN-365 Business Finance (3)
- STAT-202 Basic Statistics (4)
- 6 credit hours from the following:
FIN/IBUS-463 International Finance (3)
FIN-464 Financial Markets and Institutions (3)
FIN-465 Derivative Securities (3)
FIN-469 Investment Analysis (3)

Minor in Information Systems and Technology

This minor provides students with the necessary knowledge and skills to align a business with the information systems and technology (IS&T) that support it. The knowledge areas typically covered in the minor include business process analysis, IS project management, business requirements analysis, database, information risk management, IS and strategy, and on-line business development. This minor is ideal for students interested in consulting, technology management, and technology sales career paths. Given that all businesses are information intensive, the minor is also recommended as a complement to most business majors.

Minor Requirements

- 18 credit hours with grades of C or better, a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- 18 credit hours from the following:
ITEC-200 The Edge of Information Technology (3)
ITEC-320 Business Analytics (3)
ITEC-333 Topics in Information Technology (3)
ITEC-334 Online Application Development (3)
ITEC-350 Digital Leadership and Strategy (3)
ITEC-454 Fundamentals of Digital and Mobile Commerce (3)
ITEC-455 Business Process and Requirements Analysis (3)
ITEC-460 Business Intelligence (3)
ITEC-466 Cyber Security Risk Management (3)
ITEC-470 Database and Big Data (3)

Minor in International Business

The minor in international business provides non-business majors with an understanding of the fundamental issues associated with cross-border transactions, including trade, foreign direct investment, and other forms of market entry. Students choosing the minor will develop a greater appreciation of the relevance of differences in political economy and culture across countries and regions to the globalization initiatives of the multinational enterprise.

Minor Requirements

- 18 credit hours with grades of C or better, a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- IBUS-300 Fundamentals of International Business (3)
- 3 credit hours of approved coursework in global emerging markets
- IBUS-401 Cultural Environment of International Business (3)

- MKTG-250 Fundamentals of Marketing and Business for Communications (3)
or
MKTG-300 Principles of Marketing (3)
- 6 credit hours from the following:
IBUS-244 International Management Practices (1-3)
IBUS-301 International Marketing (3)
IBUS-303 Learning from Global Enterprise Failure (3)
IBUS-402 International Human Resource Management (3)
IBUS-408 Export/Import Management (3)
IBUS-463/FIN-463 International Finance (3)
IBUS-471/MGMT-471 Peace through Entrepreneurship and Global Business Practicum (3)
IBUS-550 Microfinance in Global Business Development (3)

Minor in Leadership and Management

Available for non-business majors, the minor in leadership and management provides coverage of leadership and management issues in business and other organizations and contexts. This minor also provides students with a critical tool kit of skills and capabilities. Leadership and management skill sets are useful irrespective of specific career path or major/concentration. With this minor students have the opportunity to learn about the importance of effective leadership and management by developing an understanding of the underlying knowledge, best practices, and skills needed to be more effective leaders and managers.

Minor Requirements

- 18 credit hours with grades of C or better, a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- MGMT-201 Global Corporate Citizenship (3)
- MGMT-353 Management and Organizational Behavior (3)
- 12 credit hours from the following:
MGMT-360 Nonprofit and Social Entrepreneurship (3)
or
MGMT-361 Global Entrepreneurship and Micro Enterprises (3)
or
MGMT-382 Entrepreneurship and Innovation (3)
MGMT-381 Managing Human Capital (3)
MGMT-391 Internship in Management (1-6)
MGMT-409 Leading High Performance Teams (3)
MGMT-465 Negotiation (3)
MGMT-484 Consulting and Project Management (3)

Minor in Marketing

The minor in marketing provides non-business majors with a thorough understanding of the fundamental concepts of marketing and how to apply these concepts through case studies and company and non-profit organization projects. Students also gain an understanding of consumer behavior, along with the knowledge and tools needed to coordinate marketing elements into integrated campaigns.

Minor Requirements

- 18 credit hours with grades of C or better, a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- MKTG-250 Fundamentals of Marketing and Business for Communications (3)
or
MKTG-300 Principles of Marketing (3)
- 15 credit hours from the following:
MKTG-301 Consumer Behavior (3)
MKTG-302 Marketing Research (3)
MKTG-311 Internet Marketing (3)
MKTG-391 Internship in Marketing (3)
MKTG-411 Advertising and Marketing Communications Management (3)
MKTG-412 Advertising and Promotion Campaigns (3)
MKTG-421 Brand Management (3)
MKTG-431 Direct Response Marketing (3)
MKTG-541 Sports Marketing Management (3)
MKTG-551 Marketing for Social Change (3)
MKTG-561 Customer Relationship Management and Database Marketing (3)

Combined Bachelor's and Kogod School of Business Master's Programs

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's and master's degree programs. An undergraduate admitted to a combined bachelor's/master's program gains tentative admission to graduate standing so that both a bachelor's and master's degree may be earned as the result of a planned program of study. After admission to the combined program, the student may enroll in approved graduate-level courses as part of the program of study.

Students in good academic standing may apply for admission to a combined program after they have completed 75 credit hours toward their undergraduate degree. With rare exceptions, applications must be made no later than the semester in which 90 credit hours have been completed.

Upon admission to a combined bachelor's and master's degree program that includes a master's degree from Kogod, a student may apply up to 9 graduate credits earned as an undergraduate toward the requirements for both degrees. Credits so applied must be approved by the Kogod department that oversees the graduate degree program.

Once admitted to a combined program that includes a Kogod master's degree, a student must, in consultation with the appropriate advisor, prepare an approved program of study that shows which courses will be applied toward the undergraduate degree and which courses will be applied toward the master's degree. After satisfying all undergraduate requirements and all requirements for admission to the master's program, the student will be officially enrolled in the master's program. Students must maintain continuous enrollment through both programs.

For combined bachelor's/master's programs that include a Kogod master's degree, the following additional considerations apply:

- All bachelor's degrees conferred by American University are eligible for combination with Kogod master's degrees.
- A combined bachelor's/master's program may include the following master's degree programs offered by Kogod: Master of Science in Accounting, Master of Science in Finance, Master of Science in Real Estate, Master of Science in Sustainability Management, and Master of Science in Taxation.
- Due to work experience admissions requirements, the Master of Business Administration may not be earned in combination with a bachelor's degree.
- The Kogod department that oversees a particular master's program may place additional limits on the number of graduate credits earned as an undergraduate that may be applied toward the master's degree requirements, the courses that may be applied toward the master's degree requirements, or both.
- Detailed planning is critical for the successful completion of a combined bachelor's/master's program. A student interested in a combined program should consult his or her own undergraduate academic advisor, the relevant Kogod graduate academic advisor, and the faculty program director for the desired master's program. To allow ample time for planning, students should make these contacts by the end of the third year of undergraduate study if at all possible.

Graduate Programs

The Kogod School of Business offers the Master of Business Administration (MBA) degree, specialized master's degrees, and graduate certificate degree programs. The MBA degree is delivered through two programs: the Full-time MBA and the Professional MBA. Additionally, there are two joint MBA degrees: JD/MBA with the Washington College of Law and MA/MBA with the School of International Service.

The specialized master's degree programs offered by Kogod are the Master of Science in Accounting, Master of Science in Finance, Master of Science in Real Estate, Master of Science in Sustainability Management, and Master of Science in Taxation.

Kogod also offers three graduate certificate programs in entrepreneurship, real estate, and taxation.

Internship for Credit Program

Graduate students in the full-time MBA and specialized master's degree programs may earn elective credit for internships that are related to their academic program and their career goals. These positions are full or part time and are usually with businesses, state or federal governments, or not-for-profit organizations. Students who elect to do an internship for credit will be assigned a faculty member who will guide and evaluate the students' learning process.

To be eligible for an internship for credit, students must be in good academic standing (at least a 3.0 GPA) and have completed 12 credit hours of the required core coursework. Before students apply they must obtain appropriate signatures from their faculty and academic advisor (international students also need approval from International Student & Scholar Services), and provide a position description from the employer. Students are required to demonstrate what they have learned through written papers or reports. Specific requirements are set by the faculty in the syllabus. Students doing an internship for credit must work a minimum of 10 hours per week for at least 12 weeks. Students register after they are selected for a position by an employer and have all the necessary forms completed. A maximum of 3 internship credit hours, taken as elective credit, may be applied toward a student's degree program requirements. Students will be graded on a pass/fail basis.

Master of Business Administration (MBA)

The goal of the MBA program is to develop practical business managers able to succeed in the complex arena of global organizations. Specifically, students will:

- Develop a solid foundation in each of the functional areas of business, including accounting and financial analysis, production and marketing of goods and services, management of people and organizations, and information and technology management.
- Understand critical interrelationships and linkages necessary for developing global business strategy, including strategies and operational issues, functional disciplines, and "hard" and "soft" skills.
- Appreciate the environment in which business operates, including economic, legal, ethical, and societal dimensions.

In addition, each student is expected to:

- demonstrate professional competence in oral, written, and interpersonal communication skills.
- develop competency in the use of productivity tools and software to improve the quality and efficiency of decision making.
- understand the nature of group dynamics and lead diverse work teams.

The MBA program contains within its required curriculum the business perspectives and core areas required by AACSB. The MBA degree is delivered through two programs: the Full-time MBA and the Professional MBA. Both programs have the same admissions requirements and curriculum core areas meet the requirements of the AACSB.

Admission to the MBA Programs

In addition to meeting the minimum university requirements for graduate study, applicants must have earned a satisfactory score on the Graduate Management Admission Test (GMAT) or the GRE and a satisfactory grade point average for the last 60 hours of academic work from a Council on Postsecondary Accreditation (COPA) regionally-accredited institution. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Full-time MBA Program

Students are admitted into the full-time MBA program in the fall semester only. Full-time students generally take between 12 and 15 credit hours per semester and complete the degree in four semesters. The summer semester between the first and second year is designed for an internship opportunity.

The strong core requirements of the full-time MBA curriculum build general management knowledge and skills. Additionally, non-core courses offer students the opportunity to broaden general management or to deepen specific knowledge in a particular topic area.

Degree Requirements

- 54 credit hours of approved graduate work including 36 credits of core courses and 18 credits in a concentration and/or electives.

A minimum of 30 credits taken in residence from the Kogod School of Business is required for the MBA. MBA students may take a maximum of 6 credit hours in 500-level courses or graduate courses which meet concurrently with undergraduate courses. MBA students may take a maximum of 6 credits with a pass/fail grade. For courses taken as pass/fail, a pass grade is equivalent to a B or higher; a fail grade is equivalent to a B- or lower. MBA core credit-bearing courses may not be taken as pass/fail.

- Intensive writing requirement:
To fulfill the graduate intensive writing requirement, the following courses must be taken in residence at Kogod and earned with a grade of B or higher: KSB-613 and one of the following: IBUS-618, MGMT-609, and MKTG-612.
- Orientation requirement: All students are required to participate in the Full-time MBA Orientation.

Course Requirements

Core (36 credit hours)

- ACCT-601 Legal Aspects of Business and Governance (1.5)
- ACCT-607 Financial Accounting (3)
- ACCT-609 Management Accounting (1.5)
- FIN-605 Managerial Economics and Corporate Strategy (3)
- FIN-614 Financial Management (3)
- IBUS-618 Manager in the International Economy (3)
- ITEC-601 IT Tools for Managers (1.5)
- ITEC-610 Applied Managerial Statistics (3)
- ITEC-616 Management Information Systems (3)
- ITEC-618 Applied Production and Operations Management (1.5)
- KSB-071, 072, 073, and 074 Career Management I, II, III, IV (0)
- KSB-081, 082, 083, and 084 Business Communications 1, 2, 3, 4 (0)
- KSB-610 Strategic Thinking (1.5)
- KSB-613 Strategic Decision Making (3)

- MGMT-609 Management of Organizations and Human Capital (3)
- MGMT-635 Ethics, Social Responsibility, and Governance (1.5)
- MKTG-612 Marketing Management (3)

Electives (18 credit hours)

In addition to the MBA core, students must complete 18 credit hours of approved graduate electives. Students may use part of their electives to complete a formal concentration from among those listed below. Alternatively, students may select electives that reflect a specific business discipline (e.g., information technology), a particular industry segment (e.g., consulting, entrepreneurship), a cross-disciplinary focus (e.g., sustainability management), or a combination of these options. Electives may include up to 9 credit hours of approved graduate electives offered by other American University schools.

Concentrations

Note: Under unusual circumstances, and with the approval of the appropriate department chair, other relevant graduate-level electives may be substituted for those included in a given concentration.

Accounting (12 credit hours)

The concentration in Accounting provides students with a thorough grounding in financial and management accounting that will contribute to careers in finance, consulting, information systems, and general management. Students completing this concentration will possess a basic conceptual knowledge of accounting and an understanding of the nature, limitations, interpretations, and uses of financial information by investors and managers.

- ACCT-611 Cost Accounting (3)
- ACCT-641 Corporate Financial Reporting (3)
- 6 credits from the following:
ACCT-547 Advanced Financial Reporting (3)
ACCT-549 Contemporary Assurance and Audit Services (3)
ACCT-550 Accounting Information Systems (3)
ACCT-560 Governmental and Not-for Profit Accounting (3)
ACCT-596 Selected Topics: Non-recurring (1-6)
ACCT-604 Tax Planning for Individuals and Business Enterprises (3)
ACCT-670 International Accounting (3)
ACCT/FIN-677 Financial Statement Analysis (3)
ACCT-725 Modern Management Control Systems (3)

Consulting (12 credit hours)

The concentration in consulting provides some of the fundamental training that is often offered in the first months while employed at a consulting company. Students will learn the frameworks and techniques used by leading consulting firms, and have the opportunity to work with practicing consultants in the classroom. Two tracks are available: Business Systems Consulting and Management Consulting.

Business Systems Consulting

This track provides students with the knowledge and skills required in information systems consulting practice. Students will learn the frameworks, methodologies, and techniques used by leading information systems consulting firms to analyze and provide solutions to business problems, and will have the opportunity to work on real-world projects as part of the classroom experience.

- MGMT-626 Management Consulting Practices and Methodologies (3)
- ITEC-643 Project Management (3)
- ITEC-630 Business Process Analysis (3)
- 3 credit hours from ITEC 600- or 700-level courses, excluding ITEC-601, ITEC-610, ITEC-616, ITEC-618, ITEC-677, and ITEC-691

Management Consulting

This track provides students with opportunities to learn critical management consulting practice areas such as managing change, strategic alliances, merger and acquisition strategies, and corporate governance. Students can further develop their skill sets as potential management consultants. Students will have an opportunity to work on real-world projects and learn from and network with guest speakers.

- MGMT-626 Management Consulting Practices and Methodologies (3)
- ITEC-643 Project Management (3)
- 6 credit hours from the following:
 - KSB-688/MGMT-688 Consulting Practicum (3)
 - MGMT-611 Leading and Managing Change (3)
 - MGMT-632 Strategic Human Capital Management (3)
 - MGMT-665 Negotiations (3)
 - MGMT-666 Strategic Alliances, Mergers, and Acquisitions (3)
 - MGMT-687 Corporate Governance (3)
 - MGMT-685 Topics in Management (1.5-3)

Entrepreneurship (12 credit hours)

The concentration in entrepreneurship provides students with the entrepreneurial mind-sets, skills, and tools for multiple contexts, including starting a business and/or being an entrepreneur in corporations, non-profit organizations, government, or international organizations. Students learn how to identify and assess opportunities, develop a new venture business plan, and practice entrepreneurship in multiple contexts. This concentration offers the opportunity to learn how to think and behave like an entrepreneur, whether leading one's own new venture, working in a corporation, or starting or growing non-profit or socially-focused ventures or organizations.

- MGMT-660 Entrepreneurship and Innovation (3)
- MGMT-661 Entrepreneurship Practicum: New Venture Business Plan (3)

- 6 credit hours from the following:
 - MGMT-663 Managing Private and Family Businesses (1.5)
 - MGMT-666 Strategic Alliances, Mergers and Acquisitions (3)
 - MGMT-667 Corporate Entrepreneurship: Creating High Potential Ventures (1.5)
 - MGMT-668 Global Entrepreneurship and Micro Ventures (3)
 - MGMT-669 Entrepreneurship Financial and Legal Strategies (3)
 - MGMT-670 Nonprofit and Social Entrepreneurship and Strategy (3)
 - MGMT-671 Peace through Entrepreneurship and Global Business Practicum (3)
 - MGMT-685 Topics in Management (1.5-3)

Finance (12 credit hours)

The concentration in finance provides students an opportunity to obtain finance training that leads to careers in general management, corporate finance functions (M&A, treasury, internal controls, governance), investment finance specialties (investment banking, mutual funds, asset trading, risk management, etc.) and international finance opportunities (international arbitrage, foreign exchange markets, etc.).

- FIN-573 Corporate Valuation and Financial Strategy (3)
or
FIN-671 Advanced Financial Management (3)
- FIN-672 Investment Analysis and Portfolio Management (3)
- 6 credit hours from the following:
 - FIN-573 Corporate Valuation and Financial Strategy (3)
(if not used to fulfill requirement above)
 - FIN-575 CFA Level I Intensive Review (3)
 - FIN-576 Student-Managed Investment Fund (1-3)
(maximum 3 credit hours)
 - FIN-660 Financial Modeling (3)
 - FIN-665 Quantitative Methods in Finance I (3)
 - FIN-666 Quantitative Methods in Finance II (3)
 - FIN-671 Advanced Financial Management (3)
(if not used to fulfill requirement above)
 - FIN-674 Derivatives and Risk Management (3)
 - FIN-677/ACCT-677 Financial Statement Analysis (3)
 - FIN-683 Financial Institutions Management (3)
 - FIN-684 Fixed Income Analysis (3)
 - FIN-685 Topics in Finance (1.5-3) (maximum of 3 credits)
 - FIN-687/MGMT-687 Corporate Governance (3)
 - FIN/IBUS-700 International Finance (3)

Note: With the approval of the department chair and course instructor, students who have taken the equivalent of FIN-573, FIN-671, or FIN-672 with grades of B or better in the prior five years may substitute other finance courses.

Global Emerging Markets (12 credit hours)

The concentration in global emerging markets is designed to develop competencies in the practice of cross-border business transactions. The concentration focuses on doing business in emerging markets given the opportunities therein and the strategic importance of these markets in the global economy. This concentration allows students the flexibility to tailor coursework to pursue career interests in multinational enterprises, governments, and non-governmental organizations.

- IBUS-744 International Dimensions in Management: Study Abroad (2-3)
- IBUS-747 Doing Business in Different National and Cultural Environments (1.5)
- IBUS-748 Management in Emerging Markets (1.5)
- 3-7 credit hours from the following:
 - ACCT-670 International Accounting (3)
 - FIN/IBUS-700 International Finance (3)
 - IBUS-596 Selected Topics: Non-recurring (1-6) (approved topic)
 - IBUS-671 Peace through Entrepreneurship and Global Business Practicum (3)
 - IBUS-685 Topics in International Business (1.5-3)
 - IBUS-701 International Banking (1.5)
 - IBUS-705 Export/Import Management (1.5)
 - IBUS-734 International Dimensions in Management: Research (1)
 - IBUS-740 Project Finance in Developing and Transitional Economies (1.5)
 - IBUS-745 Global Supply Chain Management (3)
- 0-3 credit hours may be taken from the following:
 - ITEC-655 Outsourcing and Offshoring (1.5)
 - ITEC-656 Topics in Management of Global Information Technology (1.5)
 - MGMT-668 Global Entrepreneurship and Micro Ventures (3)
 - SIS-579 Selected Regional and Country Studies (3) (topics)
 - SIS-611 International Negotiation (3)
 - SIS-616 International Economics (3)
 - SIS-632 Microfinance: Concepts and Practical Tools (3)

Leadership and Strategic Human Capital Management (12 credit hours)

The concentration in leadership and strategic human capital management is designed to expand on the leadership and human capital management knowledge, understandings, and skills that students develop in the core MBA courses. Strategic human capital management, leadership of change, and advanced negotiation skills are critical to success in large corporations, small businesses, new ventures, and non-business organizations.

- MGMT-632 Strategic Human Capital Management (3)

- 9 credit hours from the following:
 - MGMT-611 Leading and Managing Change (3)
 - MGMT-634 Leading Teams in Modern Organizations (3)
 - MGMT-664 Leadership: Exploring Styles and Developing Competencies (3)
 - MGMT-665 Negotiations (3)
 - MGMT-685 Topics in Management (1.5 to 3)

Marketing (12 credit hours)

The concentration in marketing provides students with a thorough understanding of marketing strategy and applied marketing techniques. The coursework puts a special emphasis on consumers—both learning about consumer needs and behaviors—and developing products and services that create value for consumers. Courses stress key marketing concepts including segmentation, target market selection and positioning, product/service development, brand management, distribution, pricing, advertising, and promotional strategies. Students who complete this concentration will be well positioned for careers in marketing such as brand management, advertising account management, sales promotion, media planning, and marketing research.

- MKTG-765 Brand Strategy (3)
- MKTG-767 Research for Marketing Decisions (3)
- 6 credit hours from the following:
 - MKTG-696 Selected Topics: Non-recurring (1-6)
 - MKTG-754 Database Marketing (1.5)
 - MKTG-755 Applied Market Segmentation (1.5)
 - MKTG-761 Buyer Behavior (1.5)
 - MKTG-762 Integrated Marketing Communication (3)

Real Estate (12 credit hours)

The concentration in real estate provides students with skills to actively manage commercial and residential real estate properties. The concentration also focuses on understanding the financing needs for purchasing and managing real estate properties and students gain exposure to local professional associations including the Washington, DC Association of Realtors, the Appraisal Institute, and within the secondary mortgage market.

- 12 credit hours from the following:
 - ACCT-746 Taxation of Real Estate Transactions (3)
 - REAL-730 Real Estate Principles and Investments (3)
 - REAL-731 Real Property and Asset Management (3)
 - REAL-734 Real Estate Development (3)
 - REAL-735 Real Estate Transactions and Contracts (3)
 - REAL-736 Urban Planning and Sustainability (3)
 - REAL-737 Real Estate Finance and Mortgage Markets (3)

Professional MBA Program

Students are admitted into the Professional MBA program in the fall semester only. Professional MBA students take between 6 and 7.5 credit hours in a semester.

Designed for fully employed professionals seeking the MBA credential to leverage their experience for career advancement, the Professional MBA program is organized as cohort, delivered in lock step format, and completed in seven consecutive semesters.

Degree Requirements

- 48 credit hours of approved graduate work with all credits taken from the Kogod School of Business.
- Intensive writing requirement:
To fulfill the graduate intensive writing requirement, the following courses must be taken in residence at Kogod and earned with a grade of B or higher: KSB-613 and one of the following: IBUS-618, MGMT-609, and MKTG-612.
- Orientation requirement: All students are required to participate in the Professional MBA Orientation program.

Course Requirements

Core (36 credit hours)

- ACCT-601 Legal Aspects of Business and Governance (1.5)
- ACCT-607 Financial Accounting (3)
- ACCT-609 Management Accounting (1.5)
- FIN-605 Managerial Economics and Corporate Strategy (3)
- FIN-614 Financial Management (3)
- IBUS-618 Manager in the International Economy (3)
- ITEC-601 IT Tools for Managers (1.5)
- ITEC-610 Applied Managerial Statistics (3)
- ITEC-616 Management Information Systems (3)
- ITEC-618 Applied Production and Operations Management (1.5)
- KSB-610 Strategic Thinking (1.5)
- KSB-613 Strategic Decision Making (3)
- MGMT-609 Management of Organizations and Human Capital (3)
- MGMT-635 Ethics, Social Responsibility, and Governance (1.5)
- MKTG-612 Marketing Management (3)

Electives (12 credit hours)

- 12 credit hours from the following or other approved courses:
IBUS-744 International Dimensions in Management: Study Abroad Project (3)
ITEC-643 Project Management (3)
MGMT-607 High Performance Teams (1.5)
MGMT-608 Negotiations (1.5)
MGMT-626 Management Consulting Practices and Methodologies (3)

Note: Other approved courses may be substituted for any or all of the above. However, substitute courses must be taken outside of the cohort format and sequence.

Master of Business Administration (MBA) and Juris Doctor (JD)

Graduates receive an MBA through the Kogod School of Business (KSB) and a JD through the Washington College of Law (WCL). Neither degree will be awarded until all requirements for both degrees are completed.

Admission to the Program

Applicants must satisfy the admission requirements of both the Kogod School of Business and Washington College of Law before being admitted to the program. However, students who have been admitted to Washington College of Law will not be required to take the GMAT. Ideally, application to the dual degree program should be made during the admissions process to WCL, but must be made no later than the end of the WCL JD 1L year. Applicants are considered and admitted for the fall semester only.

MBA Degree Requirements

- 33 credit hours of approved graduate coursework constituting the MBA core courses.
A minimum of 30 credits taken in residence from the Kogod School of Business is required for the MBA. MBA core credit-bearing courses may not be taken as a pass/fail.
- Intensive writing requirement:
To fulfill the graduate intensive writing requirement, the following courses must be taken in residence at Kogod and earned with a grade of B or higher: KSB-613 and one of the following: IBUS-618, MGMT-609, and MKTG-612.

Course Requirements

Core (33 credit hours)

- ACCT-607 Financial Accounting (3)
- ACCT-609 Management Accounting (1.5)
- FIN-605 Managerial Economics and Corporate Strategy (3)
- FIN-614 Financial Management (3)
- IBUS-618 Manager in the International Economy (3)
- ITEC-601 IT Tools for Managers (1.5)
- ITEC-610 Applied Managerial Statistics (3)
- ITEC-616 Management Information Systems (3)
- ITEC-618 Applied Production and Operations Management (1.5)
- KSB-610 Strategic Thinking (1.5)
- KSB-613 Strategic Decision Making (3)
- MGMT-609 Management of Organizations and Human Capital (3)
- MKTG-612 Marketing Management (3)

JD Degree Requirements

- 86 credit hours
Up to 6 credit hours required for the JD degree may be taken through the Kogod School of Business subject to the review and approval of the Washington College of Law and the Kogod School of Business.

Master of Business Administration (MBA) and Master of Laws (LLM) in International Legal Studies

Graduates receive an MBA from the Kogod School of Business (KSB) and an LLM from the Washington College of Law (WCL). Neither degree will be awarded until all requirements for both degrees are completed.

Admission to the Program

Applicants must satisfy the admission requirements of both the Kogod School of Business and Washington College of Law before being admitted to the program. Students must have completed their law degree at a US law school accredited by the American Bar Association or at a foreign law school with equivalent standards. Admission to the MBA requires an interview, a separate personal statement, and additional letters of recommendation.

MBA Degree Requirements

- 33 credit hours of approved graduate coursework constituting the MBA core courses.

A minimum of 30 credits taken in residence from the Kogod School of Business is required for the MBA. MBA core credit-bearing courses may not be taken as a pass/fail.

- Intensive writing requirement:

To fulfill the graduate intensive writing requirement, the following courses must be taken in residence at Kogod and earned with a grade of B or higher: KSB-613 and one of the following: IBUS-618, MGMT-609, and MKTG-612.

Course Requirements

Core (33 credit hours)

- ACCT-607 Financial Accounting (3)
- ACCT-609 Management Accounting (1.5)
- FIN-605 Managerial Economics and Corporate Strategy (3)
- FIN-614 Financial Management (3)
- IBUS-618 Manager in the International Economy (3)
- ITEC-601 IT Tools for Managers (1.5)
- ITEC-610 Applied Managerial Statistics (3)
- ITEC-616 Management Information Systems (3)
- ITEC-618 Applied Production and Operations Management (1.5)
- KSB-610 Strategic Thinking (1.5)
- KSB-613 Strategic Decision Making (3)
- MGMT-609 Management of Organizations and Human Capital (3)
- MKTG-612 Marketing Management (3)

LLM Degree Requirements

- 16 credit hours including two research papers; LAW-580 Introduction to American Legal Institutions (for students with civil law backgrounds); English for Lawyers (for students who need extra practice with English); no internship credit may be applied toward the LLM.

Master of Science (MS) Accounting

The MS in Accounting program provides advanced study for students with undergraduate accounting degrees who seek a fifth year of professional education to satisfy 150-hour CPA licensure requirements. The program is also sufficiently flexible to prepare both students with non-accounting undergraduate business degrees and those with non-business undergraduate degrees for accounting careers in a variety of organizational settings. The program may be completed on a full- or part-time basis.

Admission to the Program

Applicants must meet university requirements for graduate study, must have earned a satisfactory score on the Graduate Management Admission Test (GMAT) and a satisfactory grade point average for the last 60 hours of academic work from a Council on Postsecondary Accreditation regionally accredited institution. The School will waive the GMAT requirement for applicants who have completed an accounting specialization in the Kogod BSBA program with a 3.5 GPA in their accounting coursework. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Degree Requirements

- 30-37.5 credit hours of approved graduate work depending on the student's prior education, including a minimum 15 credit hours in graduate accounting courses and 15 credit hours in graduate business, accounting, or other elective courses

Students entering the program with an undergraduate accounting degree ordinarily satisfy the degree requirements by completing a minimum of 15 credit hours in graduate accounting coursework and 15 credit hours in graduate elective courses that can be used to develop complementary expertise in a related field, or specialized expertise in taxation or in financial accounting and assurance.

Students with non-accounting undergraduate degrees may be required to complete both additional accounting courses and foundation courses in economics, finance, and applied statistics, up to a maximum of 37.5 credit hours.

Academic advising and individualized program planning are critical steps in ensuring that students get the most from the MS in Accounting program. On admission to the program, students will consult with the program director to design an approved program of study that meets both program goals and individual academic and professional objectives.

Course Requirements

Foundation Courses

Across bachelor's and MS in Accounting degrees combined, student must complete the following. Students with undergraduate degrees from AACSB-accredited business programs are presumed to have satisfied this requirement. All or part of this requirement may be waived for other students who have completed comparable courses in accounting, economics, finance, and/or statistics.

- ACCT-607 Financial Accounting (3)
- ACCT-609 Management Accounting (1.5)
- FIN-605 Managerial Economics and Corporate Strategy (3)
- FIN-614 Financial Management (3)
- ITEC-610 Applied Managerial Statistics (3)

Accounting Courses

Across bachelor's and MS in Accounting degrees combined, students must complete a minimum of 27 credit hours in accounting courses including the following or the equivalent. All students must complete a minimum of 15 credit hours in graduate accounting courses.

- ACCT-549 Contemporary Assurance and Audit Services (3)
- ACCT-604 Tax Planning for Individuals and Business Enterprises (3)
- ACCT-611 Cost Accounting for Strategic Management (3)
- ACCT-623 Business Law (3)
- ACCT-641 Corporate Financial Reporting (3)
- ACCT-780 Seminar in Accounting Theory (3)
- 9 credits hours of additional approved accounting courses, which may include up to 3 credit hours from foundation accounting courses

Elective and Specialization Courses

- 0-15 credit hours in graduate accounting and related business courses. Elective courses can be selected to develop expertise in a related field, or to develop specialized expertise in financial reporting and assurance, forensic accounting, or taxation. Any course taught outside of the Kogod School of Business must be reviewed and approved by the program director to determine applicability toward MS in Accounting requirements.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Master of Science (MS) Finance

The MS in Finance program provides students an opportunity to obtain focused training in finance that will prepare them for professionally-oriented careers in finance.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have earned an undergraduate bachelor's degree from an accredited institution with a satisfactory grade point average and a satisfactory score on the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE) in an appropriate area, and must have earned a satisfactory grade point average for the last 60 credit hours of academic work from a Council of Postsecondary Accreditation (COPA) regionally-accredited institution. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL). Applicants must also have earned satisfactory grades in introductory economics, basic statistics, and accounting courses before formally entering the program. Deficiencies in these prerequisite courses may be completed at American University or at other schools.

Degree Requirements

- 30-33 credit hours of approved graduate work including 18 credit hours of core and 15 credit hours of elective coursework
Students may not count more than 3 credits of FIN-576 towards their graduate degree.

Course Requirements

Prerequisite Courses

All prerequisites must be satisfied, either at the undergraduate or graduate levels, prior to enrollment in the MS in Finance program.

- 6 undergraduate credit hours of micro and macroeconomics or 3 graduate credit hours in economics
- 3 credit hours of statistics
- 6 undergraduate credit hours of financial accounting or 3 graduate credit hours in accounting

Core Courses (18 credit hours)

- FIN-614 Financial Management (3) (may be waived without substitution for students who have taken an equivalent course with a grade of B- or better)
- FIN-660 Financial Modeling (3)
- FIN-665 Quantitative Methods in Finance I (3)
- FIN-666 Quantitative Methods in Finance II (3)
- FIN-674 Derivatives & Risk Management (3)
- FIN-684 Fixed Income Analysis (3)

Elective Courses (15 credit hours)

- 15 credit hours from the following with up to 6 credit hours from graduate-level accounting, economics, statistics or other courses approved by the program director:
 - FIN-573 Corporate Valuation and Financial Strategy (3)
 - FIN-575 CFA Level I Intensive Review (3)
 - FIN-576 Student-Managed Investment Fund (1-3)
(maximum 3 credit hours)
 - FIN-596 Selected Topics: Non-recurring (1-6)
 - FIN-671 Advanced Financial Management (3)
 - FIN-672 Investment Analysis and Portfolio Management (3)
 - FIN/ACCT-677 Financial Statement Analysis (3)
 - FIN-681 Financial Intermediation in Emerging Markets (3)
 - FIN-683 Financial Institutions Management (3)
 - FIN-685 Topics in Finance (1.5-3)
 - FIN/IBUS-700 International Finance (3)

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Master of Science (MS) Management

The MS in Management program is a flexible degree program that provides basic management knowledge and skills plus an ability to explore the field of management either more broadly across functional management disciplines or in more depth within a single discipline. This program is intended to be designed in advance for fixed groups of students, typically employees of institutional clients. Individualized programs consistent with the requirements below may be tailored to the interests and circumstances of particular groups of students. However, the courses composing each program must be approved by the Educational Policy Committee (EPC) and the Faculty of the Kogod School of Business.

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Degree Requirements

- 30 credit hours of approved graduate work including 12 credit hours of core courses, 15 credit hours of elective courses, and 3 credit hours for a capstone experience course
- Students who have earned Kogod's Graduate Certificate in Business Fundamentals within the five years preceding enrollment in the MS in Management program will be deemed to have fulfilled the core courses requirement. Students who have earned other Kogod graduate certificates within the five years preceding enrollment in the MS in Management program may apply credits so earned toward fulfillment of the MS in Management elective courses requirement.

Course Requirements

Business Fundamentals Core Courses (12 credit hours)

- ACCT-607 Financial Accounting (3)
- FIN-605 Managerial Economics and Corporate Strategy (3)
- ITEC-610 Applied Managerial Statistics (3)
- 3 credit hours from the following:
 - ACCT-601 Legal Aspects of Business and Governance (1.5)
 - ACCT-609 Management Accounting (1.5)
 - FIN-614 Financial Management (3)
 - IBUS-618 Manager in the International Economy (3)
 - ITEC-616 Management Information Systems (3)
 - ITEC-618 Applied Production and Operations Management (1.5)
 - MGMT-609 Management of Organizations and Human Capital (3)
 - MGMT-635 Ethics, Social Responsibility, and Governance (1.5)
 - MKTG-612 Marketing Management (3)
 - MKTG-632 Understanding the Marketplace and Consumer (3)

Note: By completing the above core courses requirement, students may also earn Kogod's Graduate Certificate in Business Fundamentals.

Capstone Experience (3 credit hours)

- An approved 3-credit capstone experience

Elective Courses (15 credit hours)

The Kogod School of Business and the MS in Management client agree upon the set of elective courses for a given instance of the program at the time the program is designed. Subject to the approval by the Kogod EPC and Faculty as indicated above, and to successful completion of prerequisite requirements for individual courses, elective courses may be selected from the range of graduate business courses offered by the Kogod School of Business.

Master of Science (MS) Marketing

The MS in Marketing program provides students with an opportunity to obtain advanced training in marketing and is designed to prepare them for a variety of professional careers in marketing and related areas. Students who successfully complete the MS in Marketing will be well-prepared to work in a variety of specialized marketing areas, including brand management, non-profit marketing, social marketing, internet marketing, and direct marketing.

Admission to the Program

Applicants are considered and admitted for the fall semester only. In addition to meeting the minimum university requirements for graduate study, applicants must have earned an undergraduate bachelor's degree from an accredited institution with an overall satisfactory grade point average as well as a satisfactory grade point average for the last 60 credit hours of academic work from a Council of Postsecondary Accreditation (COPA) regionally-accredited institution. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Degree Requirements

- 30 credit hours of approved graduate work
 - Up to 6 credit hours of graduate coursework earned at another institution may be transferred and applied as electives. Courses must be completed with a grade of B (3.0) or better and must be completed no later than five years prior to the beginning of the semester in which the student is admitted.

Course Requirements

Introductory Course (3 credit hours)

- MKTG-632 Understanding the Marketplace and Consumer (3)

Core Courses (15 credit hours)

- MKTG-641 Digital Marketing (1.5)
- MKTG-651 Strategic Marketing for Nonprofits (1.5)
- MKTG-655 Entertainment Marketing (1.5)
- MKTG-755 Applied Market Segmentation (1.5)
- MKTG-762 Integrated Marketing Communication (3)
- MKTG-765 Brand Strategy (3)
- MKTG-767 Research for Marketing Decisions (3)

Capstone Experience (6 credits)

- MKTG-688 Applied Client Project (6)

Elective Courses (6 credits)

- 6 credit hours from the following:
 - MKTG-541 Sports Marketing Management (3)
 - MKTG-551 Marketing for Social Change (3)
 - MKTG-561 Customer Relationship Management and Database Marketing (3)
 - MKTG-754 Database Marketing (1.5)
 - MKTG-761 Buyer Behavior (1.5)

Master of Science (MS) Real Estate

The MS in Real Estate program provides students an opportunity to obtain focused training in real estate that will prepare them for professionally-oriented careers in areas such as mortgage markets and property management.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have earned an undergraduate bachelor's degree from an accredited institution with a satisfactory grade point average and a satisfactory score on the Graduate Management Admission Test (GMAT), and must have earned a satisfactory grade point average for the last 60 credit hours of academic work from a Council of Postsecondary Accreditation (COPA) regionally-accredited institution. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Degree Requirements

- 30 credit hours of approved graduate work including 18 credit hours of core and 12 credit hours of elective courses
 - A finance track of 12 credit hours may be chosen from the electives.

Course Requirements

Core Courses (18 credit hours)

- REAL-730 Real Estate Principles and Investments (3)
- REAL-731 Real Property and Asset Management (3)
- REAL-734 Real Estate Development (3)
- REAL-735 Real Estate Transactions and Contracts (3)
- REAL-736 Urban Planning and Sustainability (3)
- REAL-737 Real Estate Finance and Mortgage Markets (3)

Elective Courses (12 credit hours)

- 12 credit hours from the following; a maximum of 3 credit hours in topics courses (FIN-685 or MGMT-685) may be counted toward degree requirements and a maximum of 3 credit hours of FIN-690 Independent Study Project in Finance may be counted toward degree requirements:
 - ACCT-746 Taxation of Real Estate Transactions (3)
 - ACCT-747 Taxation of Pass-Through Entities (3)
 - CSC-610 Introduction to Geographic Information Systems (3)
 - FIN-573 Corporate Valuation and Financial Strategy (3)
 - FIN-614 Financial Management (3)
 - FIN-630 Financial Analysis of the Firm: Concepts and Applications (3)
 - FIN-660 Financial Modeling (3)
 - FIN-665 Quantitative Methods in Finance I (3)
 - FIN-666 Quantitative Methods in Finance II (3)
 - FIN-672 Investment Analysis and Portfolio Management (3)
 - FIN-674 Derivatives and Risk Management (3)
 - FIN/ACCT-677 Financial Statement Analysis (3)
 - FIN-684 Fixed Income Analysis (3)
 - FIN-685 Topics in Finance (1.5-3)

- FIN/MGMT-687 Corporate Governance (3)
- FIN-690 Independent Study Project in Finance (1-6)
- MGMT-660 Entrepreneurship and Innovation (3)
- MGMT-661 Entrepreneurship Practicum: New Venture Business Plan (3)
- MGMT-665 Negotiations (3)
- MGMT-685 Topics in Management (1.5-3)
- MKTG-632 Understanding the Marketplace and Consumer (3)
- SIS-620 Studies in Global Environmental Politics: Sustainable Design and LEED Training (3)
- SIS-660 Environment and Politics (3)
- STAT-514 Statistical Methods (3)

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Master of Science (MS) Sustainability Management

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have earned an undergraduate bachelor's degree from an accredited institution with a satisfactory grade point average and a satisfactory score on the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE), and must have earned a satisfactory grade point average for the last 60 credit hours of academic work from a Council of Postsecondary Accreditation (COPA) regionally-accredited institution. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL). The program may be completed on a full-time or part-time basis.

Degree Requirements

- 36 credit hours of approved graduate work including 21 credit hours of core and 9 credit hours in specialization courses. A minimum of 24 credits taken in residence at American University is required. Up to 6 credit hours of core coursework may be waived if students have taken equivalent coursework at the undergraduate level in the past four years with grades of B or better. Students should consult their graduate advisor for applicability of specific courses. Up to 6 credit hours of core coursework earned at another institution may be transferred and applied to degree requirements. Courses must be completed with a grade of B (3.0) or better and must be completed no later than five years prior to the beginning of the semester in which the student is admitted. Credit for business coursework may only be transferred if earned at an AACSB-accredited institution.

Credit for courses in other areas may only be transferred with approval of the appropriate teaching unit.

Course Requirements

Core Courses (21 credit hours)

- ENVS-580 Environmental Science I (3)
or
ENVS-581 Environmental Science II (3)
- FIN-630 Financial Analysis of the Firm: Concepts and Applications (3)
- MGMT-517 Sustainability Systems: Legal, Regulatory, and Policy Issues (3)
- MGMT-717 Sustainability Strategy and Management (3)
- MKTG-612 Marketing Management (3)
- PUAD-685 Topics in Policy Analysis and Management: Environmental Sustainability and Public Policy (3)
- SIS-660 Environment and Politics (3)

Specialization Courses (9 credit hours)

- 9 credit hours in one of the following:

Business

- ECON-579 Environmental Economics (3)
- IBUS-744 International Dimensions in Management: Study Abroad Project (2-3)
- KSB-656 Management Communications for Social Responsibility (3)
- KSB-688 Consulting Practicum (3)
or
IBUS-671/MGMT-671 Peace through Entrepreneurship and Global Business Practicum (3)
- MGMT-611 Leading and Managing Change (3)
- MGMT-633 Leading People and Organizations (3)
- MGMT-660 Entrepreneurship and Innovation (3)
- MGMT-665 Negotiations (3)
- MGMT-670 Nonprofit and Social Entrepreneurship and Strategy (3)
- MGMT-685 Topics in Management (1.5-3) (approved topics in sustainability)
- REAL-736 Urban Planning and Sustainability (3)
- Approved business topics courses

Science

- BIO-561 Biogeography (3)
- BIO-562 Field Methods (3)
- CHEM-660 Topics in Environmental Chemistry: Resource Sustainability (3)
- COMM-589 Sustainability Communication (3)
- ENVS-500 Ecohydrology (3)
- ENVS-505 Energy (3)
- ENVS-572 Topics in Conservation Biology: Marine Conservation (3)
- ENVS-575 Environmental Risk Assessment (3)
- STAT-514 Statistical Methods (3)

Policy

GOVT-527 Government Regulation and Deregulation (3)

HIST-676 U.S. Environmental History (3)

JLS-603 The Rule of Law and Due Process (3)

PUAD-603 Policy Process (3)

PUAD-606 Foundations of Policy Analysis (3)

PUAD-685 Topics in Policy Analysis and Management:
Public Policies for the Environment and Energy (3)

SIS-620 Studies in Global Environmental Politics:

Climate Change and Conflict (3)

Climate Change Finance (3)

Political Ecology of Food and Agriculture (3)

Sustainable Design/LEED Training (3)

Water Governance (3)

SIS-649 Environment and Development (3)

or

SIS-650 Global Economy and Sustainable Development (3)

Elective Courses (6 credit hours)

- 6 credit hours from any of the specializations listed above, or other approved sustainability-related courses

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Master of Science (MS) Taxation

The MS in Taxation provides a professionally-oriented specialty master's degree focusing on federal income taxation. It is designed to advance students' careers and broaden their options with skills in specialized areas and comprehensive expertise in the field of taxation. This convenient yet demanding program facilitates opportunities with the largest professional service organizations in the world, enhances flexible career paths, and creates opportunities for starting businesses.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have earned a bachelor's degree from an accredited institution with a satisfactory grade point average for the last 60 credit hours and a satisfactory score on the Graduate Management Admission Test (GMAT). A GMAT waiver may be considered for students who have successfully completed the CPA examination or have two years relevant work experience, or have completed the Kogod BA in Accounting or the BS in Business Administration area of

specialization in accounting with a minimum 3.5 GPA in accounting coursework.

In addition, applicants must have satisfied Kogod School of Business prerequisite knowledge through undergraduate or graduate coursework in accounting, business law, and federal income taxation. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Degree Requirements

- 30 credit hours of approved graduate coursework with a minimum of 21 hours in taxation, including two required core courses (6 credit hours) and five elective courses (15 credit hours). The remaining 9 credit hours must consist of additional tax courses or, with the permission of the program director, non-tax courses necessary to meet state CPA licensure requirements.

Course Requirements**Core Tax Courses (6 credit hours)**

- ACCT-630 Legislative and Judicial Foundations of Income Tax (3)
- ACCT-631 Tax Research and Procedure (3)

Elective Courses (24 credit hours)

- 24 credit hours with at least 15 credit hours from the following courses. The remaining 9 credit hours must consist of additional tax courses or, with the permission of the program director, non-tax courses necessary to meet state CPA licensure requirements.
 - ACCT-740 Taxation of Corporations (3)
 - ACCT-741 State and Local Taxation (3)
 - ACCT-742 Special Tax Topics (1-3)
 - ACCT-743 International Taxation (3)
 - ACCT-745 Employee Benefit Tax Planning (3)
 - ACCT-746 Taxation of Real Estate Transactions (3)
 - ACCT-747 Taxation of Pass-Through Entities (3)
 - ACCT-750 Tax Policy (3)
 - ACCT-751 Seminar in Business Tax Planning (3)
 - ACCT-752 Estate and Financial Family Tax Planning (3)

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. Advanced undergraduates admitted to a combined degree program that includes a master's degree from Kogod are eligible to take graduate-level courses and may apply up to 9 graduate credit hours earned as an undergraduate toward the requirements for both degrees. See **Combined Bachelor's and Kogod School of Business Master's Programs** for more information.

Graduate Certificate in Business Fundamentals

Designed to provide basic knowledge and skills needed for subsequent graduate-level study of business and management topics.

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution with a satisfactory grade point average. Applicants must have at least one year of work experience. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Certificate Requirements

- 12 credit hours of approved coursework with grades of B or better.

Grades of B-, C, C-, or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students must complete at least 6 credit hours during each 12 month period. Students must complete the certificate within four years.

Course Requirements

- ACCT-607 Financial Accounting (3)
- FIN-605 Managerial Economics and Corporate Strategy (3)
- ITEC-610 Applied Managerial Statistics (3)
- 3 credit hours from the following:
 - ACCT-601 Legal Aspects of Business and Governance (1.5)
 - ACCT-609 Management Accounting (1.5)
 - FIN-614 Financial Management (3)
 - IBUS-618 Manager in the International Economy (3)
 - ITEC-616 Management Information Systems (3)
 - ITEC-618 Applied Production and Operations Management (1.5)
 - MGMT-609 Management of Organizations and Human Capital (3)
 - MGMT-635 Ethics, Social Responsibility, and Governance (1.5)
 - MKTG-612 Marketing Management (3)

Graduate Certificate in Entrepreneurship

Designed for individuals seeking to start his or her own business, take over a family business, or grow a small business

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution with a satisfactory grade point average. Applicants must have at least one year of work experience. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Certificate Requirements

- 15 credit hours of approved coursework with grades of B or better.

Grades of B-, C, C-, or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students must complete at least 6 credit hours during each 12 month period. Students must complete the certificate within four years.

Course Requirements

- MGMT-660 Entrepreneurship and Innovation (3)
- MGMT-661 Entrepreneurship Practicum: New Venture Business Plan (3)
- 9 credit hours from the following:
 - MGMT-663 Managing Private and Family Businesses (1.5)
 - MGMT-666 Strategic Alliances, Mergers and Acquisitions (3)
 - MGMT-667 Corporate Entrepreneurship: Creating High Potential Ventures (1.5)
 - MGMT-668 Global Entrepreneurship and Micro Ventures (3)
 - MGMT-669 Entrepreneurship Financial and Legal Strategies (3)
 - MGMT-670 Nonprofit and Social Entrepreneurship and Strategy (3)
 - MGMT-685 Topics in Management (1.5-3)

Graduate Certificate in Forensic Accounting

The Graduate Certificate in Forensic Accounting provides professionals working in the financial fraud examination area a program combining both academic rigor and skill set training to enhance their performance in this emerging field.

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution with a satisfactory grade point average. Applicants must have at least one year of work experience. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Certificate Requirements

- 12 credit hours of approved coursework with grades of C or better

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students must complete at least 6 credit hours during each 12 month period. Students must complete the certificate within four years. With approval of department chair, a maximum of 3 credit hours of relevant graduate coursework earned at an accredited college or university may be transferred toward the certificate.

Course Requirements

- ACCT-551 Forensic Accounting (3)
- ACCT-677 Financial Statement Analysis (3)
- ACCT-680 Advanced Forensic Accounting and Fraud Investigation (3)
- 3 credit hours from the following, as approved by department chair:
 - ACCT-549 Contemporary Assurance and Audit Services (3)
 - ACCT-550 Accounting Information Systems (3)
 - ACCT-600 Ethics in Business and Accounting (3)
 - ACCT-607 Financial Accounting (3)
 - ACCT-760 Advanced Auditing Professional Practice (3)
 - FIN-614 Financial Management (3)
 - FIN-630 Financial Analysis of the Firm: Concepts and Applications (3)

Note: Students who plan to enroll in the MS in Accounting program after earning the Graduate Certificate in Forensic Accounting should not take FIN-630 to satisfy the course requirements for the certificate.

Graduate Certificate in Real Estate

This certificate is designed for current managers seeking advancement in the field, or professionals seeking entry into real estate management.

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution with a satisfactory grade point average. Applicants must have at least one year of work experience. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Certificate Requirements

- 15 credit hours of approved coursework with grades of B- or better

Grades of C, C-, or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students must complete at least 6 credit hours during each 12 month period. Students must complete the certificate within four years.

Course Requirements

- 15 credit hours from the following:
 - REAL-730 Real Estate Principles and Investments (3)
 - REAL-731 Real Property and Asset Management (3)
 - REAL-734 Real Estate Development (3)
 - REAL-735 Real Estate Transactions and Contracts (3)
 - REAL-736 Urban Planning and Sustainability (3)
 - REAL-737 Real Estate Finance and Mortgage Markets (3)

Graduate Certificate in Tax

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution with a satisfactory grade point average. Applicants must have at least one year of work experience. Applicants whose first language is not English must have a satisfactory score on the Test of English as a Foreign Language (TOEFL).

Certificate Requirements

- 12 credit hours of approved coursework with grades of B or better.

Grades of B-, C, C-, or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students must complete at least 6 credit hours during each 12 month period. Students must complete the certificate within four years.

Course Requirements

- 12 credit hours from the following:
 - ACCT-630 Legislative and Judicial Foundations of Income Tax (3)
 - ACCT-631 Tax Research and Procedure (3)
 - ACCT-740 Taxation of Corporations (3)
 - ACCT-741 State and Local Taxation (3)
 - ACCT-742 Special Tax Topics (3)
 - ACCT-743 International Taxation (3)
 - ACCT-745 Employee Benefit Tax Planning (3)
 - ACCT-746 Taxation of Real Estate Transactions (3)
 - ACCT-747 Taxation of Pass-Through Entities (3)
 - ACCT-750 Tax Policy (3)

School of Communication

Dean Jeff Rutenbeck

Dean Emeritus Larry Kirkman

Associate Dean for Academic Affairs Rose Ann Robertson

Associate Dean for Administration and Planning
Ed Beimfohr

Associate Dean for Faculty Affairs Laura DeNardis

Assistant Dean for Academic and Student Affairs
Laura BonDurant

Assistant Dean for Budget and Technology Laura Murray
Full Time Faculty

Professor Emeritus/a L.B. Anderson, G.P. Harnden,
J.A. Hendrix, J.E. Orwant, R.E. Sutton, L.W. Wolfson,
J.S. Yamauchi

University Professor P. Aufderheide

Professor W.J. Campbell, L. DeNardis, L. Kirkman,
C. Lewis, K. Montgomery, C. Simpson, L. Steinhorn,
R.A. Streitmatter

Associate Professor Emeritus/a B.J. Diggs Brown,
W. Cochran, J. Doolittle, L.M. Furber, J.C. Seigle,
W. Swallow, A. Zelle

Associate Professor R. Blair, J.S. Douglass, L. Engel,
L. Grace, J. Hall L. Jayaswal, A. Lih, B. Maher, M. Nisbet,
J.A. Olmsted, R. Rockwell, R.A. Stack, M. Stogner, J. Watson,
R.S. Zaharna

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A. Chuang, D. Fahy, D. Freelon, J. Graf, I.B. Krasnow,
P. Kumar, C. Lawrence, W. Melillo, S. Menke-Fish, G. Puglisi,
S. Talan

Instructor J. Erba, C. Hoare

Distinguished Journalist-in-Residence J. Sullivan,
N. Clooney

Distinguished Producer-in-Residence C. Palmer

Distinguished Filmmaker-in-Residence R. Williams

Executive-in-Residence D. Lynch

Artist-in-Residence W. Gentile, G. Griffin

Journalist-in-Residence L. Perri, M. MacDonald

Professorial Lecturer D. Martinez

Director of Writing Programs C. Lawrence

The School of Communication (SOC) educates students to master a rapidly changing media and communication environment; one that reflects an increasingly complex global, interactive and diverse society. Through teaching, writing,

scholarship, and partnerships, SOC and its faculty empower graduates with the knowledge, skills, and insights to become responsible, ethical professionals in all areas of the communication field and to make a difference in the economy, politics, culture, and society. With a strategic blend of professional expertise and intellectual exploration, and a deep connection with the world's communication center of Washington, DC, the school creates a community of knowledge, practice, and impact that keeps students, alumni, and faculty at the leading edge of a society increasingly defined by media and communication. The school's hands on, practical programs tap the experts at work in Washington, DC, including TV, radio, print, and online journalists; media strategists in the nonprofit, government, and political arenas; and documentary, education, and social advocacy media producers. Internships, work opportunities, and class assignments all contribute to experience-based learning. The school's state-of-the-art technology supports student research, writing, photography, video and film production, digital video editing, motion graphics production, Web authoring, and graphic design. The school's four divisions - Communication Studies, Film and Media Arts, Journalism, and Public Communication - each offer undergraduate and graduate programs. Journalism and public communication have been accredited since 1976 by the Accrediting Council on Education in Journalism and Mass Communication (ACEJMC). The film and media arts program is one of only 16 US schools given membership in CILECT, the International Association of Film and Television Schools.

The **Communication Studies** division offers interdisciplinary degree programs at the bachelor's, master's, and doctoral levels, and are intended for students seeking a broad-based, intellectually challenging course of study that will allow them to expand and deepen their understanding of the political, social, cultural, and historical dimensions of the communications disciplines. The undergraduate program in Communication Studies is a liberal arts-oriented major that draws on the strengths and attributes of the School's journalism, public communication, and film and media arts curricula. The International Media master's program is a partnership between the School of Communication and the School of International Service, providing a combination of communication theory, media production skills, and academic research techniques to equip students for professional leadership positions in international and global communication. The PhD program in Communication is an accelerated, interdisciplinary curriculum designed around the intersections of media, technology, and democracy.

Film and Media Arts includes the undergraduate program and graduate film and electronic media programs. Students may study documentary or narrative filmmaking, digital media, or photography. A weekend graduate program offers an MA in Producing for Film and Video. In its commitment to providing the best preparation for students in film and emerging media, the Film and Media Arts Division requires all MA and MFA graduate students to enter the program with one of three Apple MacBook Pro laptops and Final Cut Pro. These systems are recommended for undergraduates as well. For more information visit www.american.edu/soc/resources/fma.

Journalism offers undergraduate and graduate degree programs in print and broadcast journalism. The master's degree in journalism and public affairs includes specializations in broadcast, international, and investigative journalism. A weekend master's program is offered in interactive journalism.

Public Communication has undergraduate and graduate programs that teach communication strategies involved in creating messages, engaging audiences, working with media, and advocating for causes in a changing world of new media and cutting edge technology. The programs focus on strategic communication in politics, entertainment, health, science, business, social advocacy, and international relations.

The school also offers an undergraduate interdisciplinary program jointly with the College of Arts and Sciences, the BA in Foreign Language and Communication Media.

An undergraduate minor in communication, designed for users and consumers of mass media rather than practitioners, also is available.

Two interdisciplinary graduate degree programs are offered, the MA in International Media in collaboration with the School of International Service, and the MA in Political Communication with the School of Public Affairs.

For more information go to: www.american.edu/soc/.

Faculty

The SOC full-time faculty blends traditional academic scholarship with hands-on professional experience. Faculty regularly develop ground-breaking courses, publish books and articles, speak at national and international conferences and forums, produce award-winning films, work for social justice, and help shape ethical practices in their individual fields. Full-time faculty have won Emmys and Academy Awards, been nominated for Pulitzer Prizes, and worked on presidential campaigns. SOC also appoints outstanding adjunct faculty, who bring depth and insight into the classroom. The adjunct faculty are working professionals in all three fields of study, including reporters who cover the White House, documentary filmmakers, and political strategists.

Centers and Institutes

The Center for Social Media (CSM) analyzes and promotes cutting-edge strategies for media that matters, and generates codes of best practice that facilitate participatory public media. In addition to film series, workshops, and research, the center has resources on social documentaries and public media practices. Reports, studies, white papers, film profiles, film-

maker interviews, and case studies of successful outreach and audience engagement strategies and new media practices are available at www.centerforsocialmedia.org/

The Center for Environmental Filmmaking (CEF) was founded on the conviction that films and new media are essential educational and policy tools in the struggle to protect the environment. The center's mission is to train students to produce films and new media that focus attention on the need to conserve the environment in a way that is effective as well as ethically sound, educationally powerful, and entertaining. The world faces unprecedented environmental challenges, from climate change to species extinction, but powerful images and films can capture our attention and alert millions to the value of protecting the natural world. With the right combination of creative thinking, enthusiasm, practical knowledge, altruism, and a commitment to the natural world, today's students will become tomorrow's environmental stewards. For more information, go to www.american.edu/soc/cef.

The Investigative Reporting Workshop is the only university research center in the world that specifically examines new models for enabling and disseminating investigative reporting. The Workshop undertakes significant, original, national and international investigative reporting projects for multimedia publication or broadcast in collaboration with others, and serves as a laboratory "incubator" to develop new economic models and techniques for conducting and delivering investigative journalism. For more information, go to <http://investigativereportingworkshop.org/>

J-Lab: The Institute for Interactive Journalism sponsors, rewards and trains traditional and emerging journalists to use digital technologies to reinvent journalism and develop new ways for people to participate in public life with projects on journalism innovations, entrepreneurship, citizen media, interactive storytelling, research, publications and e-learning web sites. J-Lab's programs, funded with a grant from the Knight Foundation, include J-Learning and the Knight Citizen News Network, Web-based, comprehensive community journalism instruction programs; the McCormick New Media Women Entrepreneurs Project, which provides seed funding and support for original news ideas proposed by women; and New Voices, which provides start-up funding and instruction for pioneering community news ventures in the United States. J-Lab, www.j-lab.org/, also administers the Knight-Batten Awards for Innovations in Journalism, one of the profession's most prestigious honors.

The AU Foreign Correspondence Network (FCN) provides students tools and guidance needed to work overseas, through coursework and AU alumni living abroad. The FCN is a platform for discussion about the coverage of international issues affecting the United States, and is maintained under the guidance of a former foreign correspondent for UPI and Newsweek. For more information, go to: www.american.edu/soc/partnerships/foreign-correspondence-network.cfm.

The Backpack Journalism Project is mapping the landscape of emerging techniques and technologies for visual storytellers and educating the next generation of video journalists in the spirit and tradition of photojournalism and documentary filmmaking. The project promotes the highest standards and showcases best practices in the effort to train, equip, and inspire backpack videomakers. For more information, go to www.american.edu/soc/backpack/.

The Summer Film and Video Institute provides hands-on experience for experienced film and digital media professionals as well as beginners through both credit and non-credit courses. The courses, taught by AU faculty and area professionals, and are offered in the evenings and on weekends, beginning in mid-May. The Summer in LA Program includes classes with entertainment industry professionals as well as internships at Hollywood studios and production houses. For more information, go to www.american.edu/soc/film/film-digital-media-institute.cfm.

Student Opportunities

Study Abroad AU Abroad offers the opportunity for students to study abroad and gain full American University course credit. All students are encouraged to learn and work in another culture. AU Abroad enclave programs, many of which include internship opportunities, are offered in Beijing, Berlin, Brussels, Havana, London, Madrid, Nairobi, Paris, Prague, Rabat, and Santiago. In addition, through the AU Abroad Partner program students may spend a semester or year at prestigious universities across the globe, including Argentina, Australia, Brazil, Canada, Egypt, Japan, Italy, Korea, Mexico, Netherlands, New Zealand, Nigeria, Sharjah, U.A.E., South Africa, Turkey, and the United Kingdom. International study tours led by faculty members are offered during semester breaks and summer sessions. For more information on AU Abroad programs, call 202-885-1320 or 866-313-0757, e-mail auabroad@american.edu or go to: www.auabroad.american.edu/.

Internships Students are offered myriad opportunities for internships that offer students professional, real-world experience to enhance their resumes and help prepare them for post-graduation careers.

Dean's Internships are designed for a select group of students who are paired with SOC's media partners, that have included The Associated Press, *The Washington Post*, Smithsonian's National Museum of History, Gannett, tbd.com, and *USA Today*.

Mentoring Program The Alumni-Student Mentoring program strategically matches prominent alumni with top SOC juniors, seniors, and graduate students through a competitive

application process. Alumni mentors have included prominent filmmakers, journalists, and public communication specialists.

Visions Festival This annual awards event features the best student work both at the undergraduate and graduate level.

American Observer is an online magazine produced by graduate journalism students that publishes graduate and undergraduate student news stories, photography, columns, and audio and video. Read *American Observer* at: www.americanobserver.net/

Professional Partnerships

American Forum The School of Communication collaborates with WAMU, American University's public radio station, to produce The American Forum, one-hour panels that bring together AU students with politicians, lobbyists, journalists and communication strategists to talk about media and public affairs.

Washington Post Semester Consortium Students are chosen in a competitive process each spring to spend a semester learning about the newspaper industry from the inside out as part of the Washington Post Semester Consortium, a weekly one-credit hour class at the paper's downtown office. SOC also works closely with *The Washington Post* to bring editors and reporters to campus as part of a regular speakers' series.

NBC The School of Communication has expanded its partnership with NBC and its Washington, DC affiliate, WRC, to involve SOC students in new content collaboration and distribution, brand marketing recommendations, onsite training, and internships. An agreement of cooperation between the School and NBC highlights their shared commitment to serious reporting, to training the next generation of journalists, and to experimenting with new approaches to delivering information and engaging and empowering audiences. Students may apply to take part in the NBC Consortium, a semester-long seminar held at NBC that gives students insights into the operation of a major television network.

Reel Journalism SOC produces this event with its media partner the Newseum and features films that explore the field of journalism and the media, demystify the news business, and provide a platform to discuss the important role of journalism in a democratic society.

Named Fellowships SOC graduate students may apply for a number of named fellowships.

Undergraduate Programs

Note: Any student who has earned 60 credit hours and has not achieved a cumulative grade point average of 2.50 will not be allowed to take courses in the school.

A strong liberal arts background is emphasized by the school. To ensure that communication majors attain this background, a significant portion of undergraduate coursework is taken outside the field of communication.

All students intending to major in communication begin to take core courses during their freshman and sophomore years. During the freshman year COMM-100 Understanding Media is required for all students and COMM-200 Writing for Communication is usually required during the sophomore year. Film and media arts majors also take COMM-105 during the freshman year, public communication majors take COMM-209 Communication and Society during the sophomore year, and journalism majors take COMM-320 Reporting following Writing for Mass Communication.

Students continue with one of the programs (print or broadcast journalism, public communication, film and media arts, or communication studies) and take a series of carefully chosen skills courses, and communication media studies courses which examine the history, current issues, and future of communication and the media. The ability to write correctly and clearly is stressed in all programs.

Bachelor of Arts (BA) Communication: Communication Studies

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.50 (on a 4.00 scale). Students should declare their major by the end of the sophomore year and no earlier than the end of the freshman year.

Students who are unable to achieve a cumulative grade point average of 2.50 and declare a major in communication are not allowed to take courses in the school after they have completed 60 hours of undergraduate credit.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Concentrations

History of the Media, International Media, Media and Government, or Media and Society

Major Requirements

- A minimum of 36 and a maximum of 40 credit hours with grades of C or better within the School of Communication including core, media ethics and legal aspects, concentration, and media studies courses.

With approval of the student's advisor, up to 6 credit hours taken abroad may be applied toward the communication major requirements.

- Related course requirements taken outside the School of Communication with grades of C or better.
- A minimum of 80 credit hours outside the field of communication, including 65 credit hours in the liberal arts and sciences, are required for the major. Subject to the approval of an advisor, a maximum of 12 credit hours in communication transferred from another university may be substituted for required communication courses. Transfer students majoring in communication studies are required to graduate with a total of 80 credit hours outside the field of communication.

- Students must maintain a minimum 2.50 cumulative GPA

Related Course Requirements

Students must complete the following with grades of C or better:

- 3 credit hours in United States history (HIST-xxx)
- 3 credit hours in economics (ECON-xxx)
- A minor or second major outside the School of Communication

Communication Course Requirements (36 credit hours)

Core Courses (15 credit hours)

- COMM-100 Understanding Media FA4 (3)
- COMM-105 Visual Literacy FA1 (3)
- COMM-200 Writing for Communication (3)
- COMM-209 Communication and Society (3)
- COMM-305 Digital Skills (3)

Media and Legal Ethics Courses (3 credit hours)

- One of the following:
COMM-401 Communication Law (3)
COMM-504 Journalism Ethics (3)
COMM-533 Ethics in Strategic Communication (3)

History of the Media Concentration (18 credit hours)

- 18 credit hours from the following:
COMM-270 How the News Media Shaped History FA2 (3)
COMM-275 Dissident Media: Voices from the Underground FA4 (3)
COMM-360 Myths of the Media (3)
COMM-401 Communication Law (3) if not used to fulfill media and ethics requirement above
COMM-504 Journalism Ethics (3) if not used to fulfill media and ethics requirement above

COMM-505 History of Broadcast Journalism (3)
 COMM-511 History of Documentary (3)
 COMM-514 Censorship and the Media (3)
 COMM-516 Topics in Film and Media Arts (3) with permission of the student's advisor
 COMM-517 History of Cross-Cultural Cinema (3)
 COMM-520 History of Animation (3)
 COMM-527 History of Photography (3)
 COMM-533 Ethics in Strategic Communication (3) if not used to fulfill media and ethics requirement above
 COMM-535 Special Topics in News Media (3) with permission of the student's advisor
 COMM-586 History of Czech Cinema (3) (Prague)
 COMM-558 Survey of American Cinema (3)
 COMM-391 Internship (3)

or

COMM-491 Senior Professional Internship (3)
 An approved elective outside of SOC

International Media Concentration (18 credit hours)

- 18 credit hours from the following:
 COMM-280 Contemporary Media in a Global Society FA3 (3)
 COMM-360 Myths of the Media (3)
 COMM-507 News Media in Britain (3) (London)
 COMM-514 Censorship and Media (3)
 COMM-516 Topics in Film and Media Arts (3) with permission of the student's advisor
 COMM-517 History of Cross-Cultural Cinema (3)
 COMM-535 Special Topics in News Media (3) with permission of the student's advisor
 COMM-538 Contemporary Media Issues (3)
 COMM-539 International Public Communication (3)
 COMM-546 Foreign Policy and the Press (3)
 COMM-548 Global Journalism: Issues and Trends in the Twenty-First Century (3)
 COMM-585 Directing (3) (Prague)
 COMM-589 Sustainability Communication (3)
 COMM-391 Internship (3)

or

COMM-491 Senior Professional Internship (3)
 An approved elective outside of SOC

Media and Government Concentration (18 credit hours)

- 18 credit hours from the following:
 COMM-275 Dissident Media: Voices from the Underground FA4 (3)
 COMM-327 The PR Presidency (3)
 COMM-360 Myths of the Media (3)
 COMM-365 Digital Media and Culture (3)
 COMM-401 Communication Law (3) if not used to fulfill media and ethics requirement above

COMM-504 Journalism Ethics (3) if not used to fulfill media and ethics requirement above
 COMM-509 Politics and the Media (3)
 COMM-514 Censorship and the Media (3)
 COMM-515 Children, Youth, and Digital Culture (3)
 COMM-516 Topics in Film and Media Arts (3) with permission of the student's advisor
 COMM-531 Political Communication (3)
 COMM-533 Ethics in Strategic Communication (3) if not used to fulfill media and ethics requirement above
 COMM-535 Special Topics in News Media (3) with permission of the student's advisor
 COMM-548 Global Journalism: Issues and Trends in the Twenty-First Century (3)
 COMM-589 Sustainability Communication (3)
 COMM-391 Internship (3)

or

COMM-491 Senior Professional Internship (3)
 An approved elective outside of SOC

Media and Society Concentration (18 credit hours)

- 18 credit hours from the following:
 COMM-275 Dissident Media: Voices from the Underground FA4 (3)
 COMM-280 Contemporary Media in a Global Society FA3 (3)
 COMM-360 Myths of the Media (3)
 COMM-365 Digital Media and Culture (3)
 COMM-401 Communication Law (3) if not used to fulfill media and ethics requirement above
 COMM-503 Broadcast and Multimedia Journalism Management (3)
 COMM-504 Journalism Ethics (3) if not used to fulfill media and ethics requirement above
 COMM-510 Women in Journalism (3)
 COMM-511 History of Documentary (3)
 COMM-514 Censorship and the Media (3)
 COMM-515 Children, Youth, and Digital Culture (3)
 COMM-516 Topics in Film and Media Arts (3) with permission of the student's advisor
 COMM-517 History of Cross-Cultural Cinema (3)
 COMM-533 Ethics in Strategic Communication (3) if not used to fulfill media and ethics requirement above
 COMM-534 Race and Gender in Communication and Media (3)
 COMM-538 Contemporary Media Issues (3)
 COMM-558 Survey of American Cinema (3)
 COMM-589 Sustainability Communication (3)
 COMM-391 Internship (3)

or

COMM-491 Senior Professional Internship (3)
 An approved elective outside of SOC

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Communication: Film and Media Arts

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.50 (on a 4.00 scale). Students should declare their major by the end of the sophomore year and no earlier than the end of the freshman year.

Students who are unable to achieve a cumulative grade point average of 2.50 and declare a major in communication are not allowed to take courses in the school after they have completed 60 hours of undergraduate credit.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39-42 credit hours with grades of C or better within the School of Communication including core, basic, professional, media studies, internship, independent study and independent reading courses.

With approval of the student's advisor, up to 6 credit hours taken abroad may be applied toward the communication major requirements.

- Related course requirements taken outside the School of Communication with grades of C or better
Subject to the approval of an advisor, a maximum of 12 credit hours in communication transferred from another university may be substituted for required communication courses.
- Students must maintain a minimum 2.50 cumulative GPA

Related Course Requirement

Students must complete the following with grades of C or better:

- 3 credit hours in United States history (HIST-xxx)
- 3 credit hours in economics (ECON-xxx)
or
MKTG-250 Fundamentals of Business and Marketing for Communications (3)
- A minor or second major outside the School of Communication

Course Requirements (39-42 credit hours)

Core Courses (9 credit hours)

- COMM-100 Understanding Media FA4 (3)
- COMM-105 Visual Literacy FA1 (3)
- COMM-200 Writing for Communication (3)

Basic Courses (9 credit hours)

- COMM-250 Digital Imaging (3)
- COMM-330 Principles of Photography (3)
- COMM-331 Film and Video Production I (3)

Professional Courses (15-18 credit hours)

Intermediate (9 credit hours)

- COMM-382 Writing for Visual Media (3)
- At least 6 credit hours from the following:
COMM-434 Film and Video Production II (3)
COMM-435 Introduction to Studio Television (3)
COMM-454 Motion Graphics and Effects (3)
COMM-523 Fine Art Photography (3)

Film and Media Studies

- 6 credit hours from the following:
COMM-503 Broadcast and Multimedia Journalism Management (3)
COMM-511 History of Documentary (3)
COMM-513 Producing Film and Video (3)
COMM-514 Censorship and Media (3)
COMM-515 Children, Youth, and Digital Culture (3)
COMM-516 Topics in Film and Media Arts (3)
COMM-517 History of Cross-Cultural Cinema (3)
COMM-520 History of Animation (3)
COMM-524 Producing Environmental and Wildlife Films (3)
COMM-527 History of Photography (3)
COMM-528 Community Documentary: Stories of Transformation (3)
COMM-552 Social Media Strategies and Tactics (3)
COMM-554 Motion Graphics and Effects II (3)
COMM-558 Survey of American Cinema (3)
COMM-564 Documentary Storytelling for Social Change (3)
COMM-585 Directing (3) (Prague)
COMM-586 History of Czech Cinema (3) (Prague)

Advanced

- Additional credit hours may be selected from the following to bring the total to 39-42 credit hours:
 - COMM-365 Digital Media and Culture (3)
 - COMM-438 Production Practicum (1-3)
 - COMM-456 Dramatic Production (3)
 - COMM-464 Directing for Camera (3)
 - COMM-486 Documentary Production (3)
 - COMM-391 Senior Internship (3)
- or*
 - COMM-491 Senior Professional Internship (3)
 - COMM-526 Photojournalism and Social Documentary (3)
 - COMM-529 Large Format and Commercial Photography (3)
 - COMM-556 Cross Cultural Film and Video Production (3)
 - COMM-557 Art of Visual Storytelling: From Concept to Storyboards (3)
 - COMM-560 Backpack Documentary (3)
 - COMM-561 Advanced Writing for Film (3)
 - COMM-562 Advanced Writing for Television (3)
 - COMM-565 Advanced Visual Media Portfolio (3)
 - COMM-566 Practice of Environmentalism: Policy, Science, and Communication (3)
 - COMM-584 Film Technology and Practice (6) (Prague)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Communication: Journalism

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.50 (on a 4.00 scale). Students should declare their major by the end of the sophomore year and no earlier than the end of the freshman year.

Students who are unable to achieve a cumulative grade point average of 2.50 and declare a major in communication are not allowed to take courses in the school after they have completed 60 hours of undergraduate credit.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement

- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Tracks

Broadcast Journalism or Print Journalism

Major Requirements

- A minimum of 36 and a maximum of 40 credit hours with grades of C or better within the School of Communication including core, professional, media studies, internship, independent study, and independent reading courses. With approval of the student's advisor, up to 6 credit hours taken abroad may be applied toward the communication major requirements.
- Related course requirements taken outside the School of Communication with grades of C or better
- A minimum of 80 credit hours outside the field of communication, including 65 credit hours in the liberal arts and sciences, are required for the major. Subject to the approval of an advisor, a maximum of 12 credit hours in communication transferred from another university may be substituted for required communication courses. Transfer students majoring in journalism are required to graduate with a total of 80 credit hours outside the field of communication.

- Students must maintain a minimum 2.50 cumulative GPA

Related Course Requirements

Students must complete the following with grades of C or better:

- 3 credit hours in United States history (HIST-xxx)
- 3 credit hours in economics (ECON-xxx)
- A minor or second major outside the School of Communication

Communication Course Requirements (36 credit hours)

Core Courses (9 credit hours)

- COMM-100 Understanding Media FA4 (3)
- COMM-200 Writing for Communication (3)
- COMM-320 Reporting (3)

Broadcast Journalism Track (27 credit hours)

- COMM-305 Digital Skills (3)
- COMM-385 Digital Audio Production (3)
- COMM-401 Communication Law (3)
- COMM-428 Advanced Television and Video Production (3)
- COMM-432 Television Field Reporting (3)

246 School of Communication

- Four courses from the following:
COMM-270 How the News Media Shaped History FA2 (3)
or
COMM-275 Dissident Media: Voices from the Underground FA4 (3)
or
COMM-280 Contemporary Media in a Global Society FA3 (3)
COMM-365 Digital Media and Culture (3)
COMM-391 Internship (3)
or
COMM-491 Senior Professional Internship (3)
COMM-396 Selected Topics (3) with permission of the student's advisor
COMM-433 Broadcast Delivery (3)
COMM-490 Independent Study Project (3)
COMM-503 Broadcast and Multimedia Journalism Management (3)
COMM-504 Journalism Ethics (3)
COMM-505 History of Broadcast Journalism (3)
COMM-509 Politics and the Media (3)
COMM-510 Women in Journalism (3)
COMM-511 History of Documentary (3)
or
COMM-515 Children, Youth, and Digital Culture (3)
COMM-514 Censorship and the Media (3)
COMM-516 Topics in Film and Media Arts (3) with permission of the student's advisor
COMM-535 Special Topics in News Media (3) with permission of the student's advisor
COMM-546 Foreign Policy and the Press (3)
COMM-560 Backpack Documentary (3)
COMM-596 Selected Topics (3) with permission of the student's advisor

Print Journalism Track (27 credit hours)

- COMM-305 Digital Skills (3)
- COMM-401 Communication Law (3)
- COMM-425 Advanced Reporting (3)
- Three courses from the following:
COMM-325 Feature Article Writing (3)
COMM-330 Principles of Photography (3)
COMM-391 Internship (3)
or
COMM-491 Senior Professional Internship (3)
COMM-502 In-Depth Journalism (3)
COMM-521 Opinion Writing (3)

- COMM-535 Special Topics in News Media (3) with permission of the student's advisor
COMM-545 Business and Economic Journalism (3)
COMM-596 Selected Topics (3) with permission of the student's advisor

- Three courses from the following:
COMM-270 How the News Media Shaped History FA2 (3)
or
COMM-275 Dissident Media: Voices from the Underground FA4 (3)
or
COMM-280 Contemporary Media in a Global Society FA3 (3)
COMM-365 Digital Media and Culture (3)
COMM-396 Selected Topics (3) with permission of the student's advisor
COMM-490 Independent Study Project (3)
COMM-504 Journalism Ethics (3)
COMM-505 History of Broadcast Journalism (3)
COMM-509 Politics and the Media (3)
COMM-510 Women in Journalism (3)
COMM-511 History of Documentary (3)
or
COMM-515 Children, Youth, and Digital Culture (3)
COMM-514 Censorship and the Media (3)
COMM-535 Special Topics in News Media (3) with permission of the student's advisor
COMM-546 Foreign Policy and the Press (3)
COMM-596 Selected Topics (3) with permission of the student's advisor

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Communication: Public Communication

Admission to the Program

Formal admission to the major requires a cumulative grade point average of 2.50 (on a 4.00 scale). Students should declare their major by the end of the sophomore year and no earlier than the end of the freshman year.

Students who are unable to achieve a cumulative grade point average of 2.50 and declare a major in communication are not allowed to take courses in the school after they have completed 60 hours of undergraduate credit.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 39 credit hours with grades of C or better within the School of Communication including core, professional, internship, independent study, and independent reading courses
With approval of the student's advisor, up to 6 credit hours taken abroad may be applied toward the communication major requirements.
- Related course requirements taken outside the School of Communication with grades of C or better
- A minimum of 81 credit hours outside the field of communication, including at least 65 credit hours in the liberal arts and sciences, are required for the major
Subject to the approval of an advisor, a maximum of 12 credit hours in communication transferred from another university may be substituted for required communication courses. Transfer students majoring in public communication are required to graduate with a total of 84 credit hours outside the field of communication.
- Students must maintain a minimum 2.50 cumulative GPA

Related Course Requirement

Students must complete the following with grades of C or better:

- 3 credit hours in United States history (HIST-xxx)
- 3 credit hours in economics (ECON-xxx)
or
MKTG-250 Fundamentals of Business and Marketing for Communications (3)
- A minor or second major outside the School of Communication

Communication Course Requirements (39 credit hours)

Core Courses (9 credit hours)

- COMM-100 Understanding Media FA4 (3)
- COMM-200 Writing for Communication (3)
- COMM-209 Communication and Society (3)

Professional Courses (30 credit hours)

- COMM-301 Public Relations (3) (with grade of B or better)
- COMM-337 Public Relations Writing (3)
- COMM-346 Public Relations Case Studies (3)
- COMM-380 Public Communication Research (3)
- COMM-437 Public Relations Portfolio (3)
- 15 credit hours from the following, with no more than 9 credit hours from any one cluster:

Skills

- COMM-105 Visual Literacy FA1 (3)
- COMM-310 Public Speaking (3)
- COMM-330 Principles of Photography (3)
- COMM-521 Opinion Writing (3)
- COMM-535 Special Topics in News Media: Magazine Writing (3)
- COMM-552 Social Media Strategies and Tactics (3)

Human Communication

- COMM-300 Interpersonal Communication (3)
- COMM-470 Organizational Communication (3)

Media Studies

- COMM-327 The PR Presidency (3)
- COMM-365 Digital Media and Culture (3)
- COMM-401 Communication Law (3)
- COMM-509 Politics and the Media (3)
- COMM-514 Censorship and Media (3)
- COMM-515 Children, Youth, and Digital Culture (3)
- COMM-533 Ethics in Strategic Communication (3)
- COMM-534 Race and Gender in Communication and Media (3)
- COMM-589 Sustainability Communication (3)

The Practice of Public Relations

- COMM-531 Political Communication (3)
- COMM-536 Entertainment Communication (3)
- COMM-537 Sports Communication (3)
- COMM-539 International Public Communication (3)
- COMM-580 Strategic Health Communication (3)
- COMM-589 Sustainability Communication (3)

Experiential Education

- A maximum of 3 credit hours from:
- COMM-391 Internship (3)
- COMM-491 Senior Professional Internship (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of Uni-

versity Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Bachelor of Arts (BA) Foreign Language and Communication Media

Admission to the Program

Students are admitted either to the School of Communication or to the Department of World Languages and Cultures in the College of Arts and Sciences. Formal admission to the Foreign Language and Communication Media (FLCM) major requires a cumulative grade point average (GPA) of 2.50. Students who are unable to achieve a 2.50 GPA and declare a major in FLCM are not allowed to take courses in the School of Communication after they have completed 60 credit hours of undergraduate credit.

Program Tracks

French, German, Russian, or Spanish combined with Broadcast Journalism, Print Journalism, Public Communication, or Film and Media Arts

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 57 credit hours with grades of C or better
With approval of the student's advisor, up to 6 credit hours taken abroad may be applied toward the communication requirements.
- Prerequisite competency in the major language at the intermediate level
- Students must maintain a minimum 2.50 cumulative GPA

Course Requirements

Foundation (6 credit hours)

- COMM-100 Understanding Media FA4 (3)
- COMM-200 Writing for Communication (3)

Foreign Language (18 credit hours)

- 18 credit hours of courses in the major language (French, German, Russian, or Spanish) at the 300 level or above taken in the Department of World Languages and Cultures

Contemporary Culture (6 credit hours)

- Two courses related to any contemporary culture as approved by advisor

Linguistics (3 credit hours)

- One of the following:
ANTH-225 Language and Human Experience FA1 (3)
ANTH-254 Language and Culture (3)
TESL-5xx linguistics course as approved by advisor

Communication (24 credit hours)

- Three media studies courses from the School of Communication, with at least one at the 300-level or above; and five professional courses in one of the four communication program tracks: broadcast journalism, print journalism, public communication, or visual media:

Broadcast Journalism

- Three media studies courses with at least one at the 300-level or above, as approved by advisor
- COMM-305 Digital Skills (3)
- COMM-320 Reporting (3)
- COMM-385 Digital Audio Production (3)
- COMM-428 Advanced Television and Video Production (3)
- COMM-432 Television Field Reporting (3)

Print Journalism

- Three media studies courses with at least one at the 300-level or above, as approved by advisor
- COMM-305 Digital Skills (3)
- COMM-320 Reporting (3)
- COMM-425 Advanced Reporting (3)
- Two from the following:
COMM-325 Feature Article Writing (3)
COMM-326 Sports Journalism (3)
COMM-330 Principles of Photography (3)
COMM-502 In-Depth Journalism (3)
COMM-521 Opinion Writing (3)
COMM-545 Business and Economic Journalism (3)

Public Communication

- COMM-209 Communication and Society (3)
- Two additional media studies courses with at least one at the 300-level or above, as approved by advisor
- COMM-301 Public Relations (3) (with grade of B or better)
- COMM-337 Public Relations Writing (3)
- COMM-346 Public Relations Case Studies (3)
- COMM-380 Public Communication Research (3)
- COMM-437 Public Relations Media (3)

Film and Media Arts

- COMM-105 Visual Literacy FA1 (3)
- Two additional media studies courses with at least one at the 300-level or above, as approved by advisor
- COMM-250 Digital Imaging (3)
- COMM-330 Principles of Photography (3)
- COMM-331 Film and Video Production I (3)
- COMM-382 Writing for Visual Media (3)
- One additional course approved by advisor

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Communication

- 18 credit hours with grades of C or better with at least 12 credit hours unique to the minor

Course Requirements

- COMM-100 Understanding Media FA4 (3)
- COMM-200 Writing for Communication (3)
- Two courses from the following:
 - COMM-301 Public Relations (3)
 - COMM-310 Public Speaking (3)
 - COMM-320 Reporting (3)
 - COMM-322 Editorial Policies and Methods (3)
 - COMM-325 Feature Article Writing (3)
 - COMM-330 Principles of Photography (3)
 - COMM-331 Film and Video Production I (3)
 - COMM-435 Introduction to Studio Television (3)
 - COMM-470 Organizational Communication (3)
 - COMM-521 Opinion Writing (3)
- Two courses from the following:
 - COMM-401 Communication Law (3)
 - COMM-503 Broadcast and Multimedia Journalism Management (3)
 - COMM-509 Politics and the Media (3)
 - COMM-511 History of Documentary (3)
 - COMM-513 Producing Film and Video (3)
 - COMM-514 Censorship and Media (3)
 - COMM-515 Children, Youth, and Digital Culture (3)
 - COMM-517 History of Cross-Cultural Cinema (3)
 - COMM-527 History of Photography (3)
 - COMM-545 Business and Economic Journalism (3)
 - COMM-558 Survey of American Cinema (3)
 - COMM-596 Selected Topics (3) with permission of the student's advisor

Graduate Programs

Designed for students with diverse professional and educational backgrounds, the graduate programs fully utilize the resources of Washington, DC for both field work and classroom study. The many professional news organizations, public interest organizations, trade associations, government agencies, public relations firms, and media production organizations in the Washington area provide excellent opportunities for internships. Special seminars and events, including the school's American Forum and Media Center presentations, enable students to meet major public figures and film and media artists.

Master of Arts (MA) Communication: Journalism and Public Affairs

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission to the program requires a bachelor's degree from an accredited college or university with at least a 3.00 (on a 4.00 scale) grade point average in last 60 hours of undergraduate coursework. International students whose first language is not English should take the TOEFL examination to demonstrate proficiency in written as well as spoken English. All applicants must earn a satisfactory score on the Graduate Record Examination (GRE) General (verbal, quantitative, and analytical).

Previous professional or campus experience in communication is useful but not required. However, all applicants are required to show evidence of professional commitment and career direction related to the specialization and track they choose. Official transcripts, two letters of recommendation, and a 1,000-word essay on the applicant's commitment to pursuing graduate study in the program are submitted with the application. If available, samples of published professional or college news writing, scripts, or tapes should also be submitted.

A limited number of graduate fellowships and assistantships are awarded on the basis of merit as well as school and program needs.

Admission to the program is for the fall semester. Students are generally expected to complete the program in ten months.

Qualified undergraduate students may apply to a combined bachelor's/MA program and use up to 6 credit hours of 500-level courses to satisfy the requirements of both degrees.

Degree Requirements

- 33 credit hours of approved graduate work, as advised by the faculty, including 12 credit hours of core courses, 9 credit hours in a specialization, 9 credit hours of electives, and a 3 credit hour capstone experience (COMM-720 or COMM-725 with a grade of B or better)

Most students are required to take COMM-624 Boot Camp for Journalists and receive a grade of B or better.

Students who have earned a B or better in a news-media law course within five years of enrollment may petition to be exempted from COMM-601 Communication Law. International students are normally exempted from this course.

- Continuous full-time enrollment

- A grade point average of 3.00 maintained during all work toward the degree

Specializations

Investigative Journalism, International Journalism, or Broadcast Journalism

Course Requirements

Core Courses (12 credit hours)

- COMM-601 Communication Law (3)
- COMM-621 Online News Production I (3)
- COMM-624 Boot Camp for Journalists (3) (with grade of B or better)
- COMM-724 Reporting of Public Affairs (3)

Specialization (9 credit hours)

- 9 credit hours from one of the following specializations:

Investigative Journalism

- COMM-500 Investigative Journalism Practicum (3)
- COMM-501 Data-Driven Journalism (3)
- COMM-502 In-Depth Journalism (3)
- COMM-607 International Investigative Reporting (3)

International Journalism

- COMM-546 Foreign Policy and the Press (3)
- COMM-548 Global Journalism: Issues and Trends in the Twenty-First Century (3)
- COMM-607 International Investigative Reporting (3)
- COMM-648 Topics in International Media (3)

Broadcast Journalism

- COMM-632 Backpack Video Journalism (3)
- COMM-721 Digital Audio Production (3)
- COMM-722 Advanced Television and Video Production (3)

Electives (9 credit hours)

- 9 credit hours from the following:
 - COMM-503 Broadcast and Multimedia Journalism Management (3)
 - COMM-509 Politics and the Media (3)
 - COMM-514 Censorship and Media (3)
 - COMM-521 Opinion Writing (3)
 - COMM-522 Writing and Editing for Convergent Media (3)
 - COMM-535 Special Topics in News Media:
 - Fundamentals of News Design (3)
 - Health, Science, and Environmental Reporting (3)
 - COMM-544 Foreign Correspondence (3)
 - COMM-588 Race, Ethnic, and Community Reporting (3)
 - COMM-637 Multimedia Storytelling (3)
 - COMM-691 Graduate Internship (3)

Capstone Experience (3 credit hours)

- One of the following with grade of B or better:
 - COMM-720 Capstone Seminar in Journalism (3)
 - COMM-725 In-depth Broadcast Production Capstone (3)

Master of Arts (MA) Communication: Producing for Film and Video

Admission to the Program

This weekend graduate program is designed for working adults who want to pursue careers in producing for film, video, television, and multimedia. Student cohort groups follow a planned curriculum, taking one course every seven weeks (two courses each semester) on Saturdays for a total of 10 courses. The 30-credit hour program is completed in 21 months. Previous academic or professional experience in film or video is not required, but all applicants must demonstrate a serious commitment to a career in this field.

Applicants must meet the minimum university requirements for graduate study. Admission to the program requires a bachelor's degree from an accredited college or university with at least a 3.00 (on a 4.00 scale) grade point average in last 60 hours of undergraduate coursework. International students whose first language is not English should take the TOEFL examination to demonstrate proficiency in written as well as spoken English.

Official transcripts, two letters of recommendation, and a 1,000-word essay on the applicant's commitment to pursuing graduate study in the program are submitted with the application. The application deadline is April 1.

Degree Requirements

- 30 credit hours of approved graduate work
- Continuous enrollment
- A grade point average of 3.00 maintained during all work toward the degree

Course Requirements

- COMM-570 Film and Digital Media Institute (3) (topics)
- COMM-574 The Business of Television (3)
- COMM-601 Communication Law (3)
- COMM-659 International Film and TV Markets (3)
- COMM-660 Developing Fiction Productions (3)
- COMM-661 Developing Nonfiction Productions (3)
- COMM-662 Production Planning and Management (3)
- COMM-671 The Media Enterprise I: Establishing the Enterprise (3) (with grade of B or better)
- COMM-682 Writing for Visual Media (3)
- COMM-702 Master's Portfolio Capstone (3) (with grade of B or better)

Master of Arts (MA) Film and Video

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission to the program requires a bachelor's degree from an accredited college or university with at least a 3.00 (on a 4.00 scale) grade point average in last 60 hours of undergraduate coursework. International students whose first language is not English should take the TOEFL examination to demonstrate proficiency in written as well as spoken English.

Applicants must earn a satisfactory score on the Graduate Record Examination (GRE) General (verbal, quantitative, and analytical). Previous exposure to film study, film and video production, or script writing is not required, although all applicants are required to show evidence of professional commitment and career direction related to their program of study.

Official transcripts, two letters of recommendation, and a 1,000-word essay on the applicant's commitment to pursuing graduate study in the program are submitted with the application.

Admission is not limited to full-time students, however students must be available to take most of their coursework during the day. Students will normally be expected to complete the 36-credit hour program within 24 months.

Degree Requirements

- 36 credit hours of approved graduate work
- Capstone experience: COMM-702 Master's Portfolio Capstone with grade of B or better
- A grade point average of 3.00 maintained during all work toward the degree

Course Requirements

- COMM-513 Producing Film and Video (3)
- COMM-630 Principles of Photography (3)
- COMM-631 Film and Video Production I (4)
- COMM-634 Film and Video Production II (4)
- COMM-682 Writing for Visual Media (3)
- COMM-701 Graduate Seminar in Film Theory and Practice (3) with grade of B or better (taken in the first year)
- COMM-702 Master's Portfolio Capstone (3) with grade of B or better
- 13 credit hours in courses selected from the following areas: Film production or video production; film theory, history, and criticism; multimedia; and script writing. Students may emphasize one of these areas in the design of their program, but the program must include courses from all of these areas. Courses in related areas such as performing arts and photography may also be included.

Master of Arts (MA) Interactive Journalism

This weekend MA program is designed for professionals whose schedules make Saturday classes an excellent alternative to full-time study. The focus on converged media and online journalism allows the program, much like the industry, to adapt regularly and stay on the cutting edge. Students produce journalism for use in multiple digital platforms.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must have at least three years of relevant work experience. Also, official transcripts, two letters of recommendation, and a 1,000-word essay on the applicant's commitment to pursuing graduate study in the program are submitted with the application. If available, samples of published professional or college news writing, scripts, or tapes should also be submitted.

A limited number of graduate fellowships and assistantships are awarded on the basis of merit as well as school and program need.

Degree Requirements

- 30 credit hours of approved graduate work
- Capstone experience: COMM-720 Capstone Seminar in Journalism (3)

Course Requirements

Core Courses

- COMM-050 Boot Camp for Journalists (0)
- COMM-522 Writing and Editing for Convergent Media (3)
- COMM-601 Communication Law (3)
- COMM-652 Web Studio (3)
- COMM-720 Capstone Seminar in Journalism (3)

Other Required Courses

- COMM-501 Data-Driven Journalism (3)
- COMM-535 Special Topics in News Media: Visual Storytelling (3)
- COMM-535 Special Topics in News Media: Visualization and Presentation of Interactive Journalism (3)
- COMM-535 Special Topics in News Media (3) (approved topic)
- COMM-625 Seminar in Media Entrepreneurship (3)
- COMM-632 Backpack Video Journalism (3)

Master of Arts (MA) International Media

The Master of Arts in International Media offers students a unique opportunity to learn international communication theory and research while at the same time developing professional production skills. This interdisciplinary MA program allows students to take concurrent courses in the School of Communication (SOC) and School of International Service (SIS) that emphasize strategic communication, research, inter-

national communication, and global media. In addition, students take hands-on courses designed to hone writing skills over a broad range of media, and production classes that introduce them to filmmaking, newswriting, digital imaging, web design, photography, and public communication writing. The media studies component of the program gives students a strong background in research skills, broad knowledge of global economic and political issues, and a deep understanding of how the media works, especially in an international environment. The production portion of the program provides students with the knowledge, skills, and ethical groundings to be professionally competent and literate managers/producers/commissioners.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a minimum cumulative grade point average of 3.30 or higher on a 4.00 scale. Some background knowledge of communication studies, or media/journalism professional experience, or international studies and international work experience is recommended.

All applicants are required to submit results of the Graduate Record Examination (GRE). In addition, international applicants whose first language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL). A strong TOEFL score is necessary to ensure that students can fully benefit from the media production courses and analytical courses. All applicants must also submit two letters of reference evaluating undergraduate academic performance and suitability for graduate study in international affairs and communication.

Students apply to either SOC or SIS. Applications will be reviewed jointly by SOC and SIS, with both schools agreeing on student admission.

Degree Requirements

- 45 credit hours of approved graduate work with a cumulative grade point average of 3.00, including 12 credit hours of core courses, 6 credit hours of professional courses, 6 credit hours of methods courses, and 6 credit hours of research/capstone courses. Students also take 15 credit hours of electives. Students choose a concentration in either SIS or SOC and complete a total of 24 credits hours in that concentration, including their research/capstone requirement. Students must take 24 credits in their home school (SIS or SOC) to fulfill degree requirements. Students may not take more than 24 credits in their home school.

Requests for the transfer of a maximum of six graduate credits will be considered only on an exceptional basis.

- SOC students: a paper discussing the capstone project's relationship to the field of International Media.
- Capstone experience: demonstration of research and writing skills through completion of the research/capstone requirement courses with grades of B or better.
- Proficiency in a modern foreign language: Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements

Core (12 credit hours)

- COMM-648 Topics in International Media (3)
- SIS-640 International Communication (3)
- Two courses from the following:
 COMM-640 Principles of Strategic Communication (3)
 SIS-644 Communication and Social Economic Development (3)
 SIS-645 International Communication and Cultural Policy (3)

Professional (6 credit hours)

- COMM-688 Media Writing (3)
- COMM-638 Production Practicum (1-3)

Methods (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
- COMM-738 Research Methods in Communication (3)

Research/Capstone Requirement (3–6 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
 or SIS-793 Practicum in International Affairs (3)
 or
 COMM-795 Capstone Seminar in International Media (3)
 and COMM-691 Internship (3)

Electives and Concentration

- SOC students: 15 credit hours in elective courses including 6 credit hours from the IC or SOC concentrations
 or
 SIS students: 18 credit hours in elective courses including 6 credit hours from the SIS or SOC concentrations

International Communication (IC) (6 credit hours)

- SIS-628 Advanced Topics in International Communication (1-3) (approved topics)
- SIS-633 Selected Topics in International Communication (1-3) (up to 3 credit hours of approved topics)
- Approved electives in other SIS fields related to International Communication

School of Communication (SOC) (6 credit hours)

Theoretical

- COMM-504 Journalism Ethics
- COMM-509 Politics and the Media
- COMM-511 History of Documentary

- COMM-512 Social Documentary
- COMM-514 Censorship and Media
- COMM-516 Topics in Film and Media Arts
- COMM-517 History of Cross-Cultural Cinema
- COMM-527 History of Photography
- COMM-531 Political Communication
- COMM-533 Ethics in Strategic Communication
- COMM-535 Special Topics in News Media
- COMM-539 International Public Communication
- COMM-541 Crisis Communication
- COMM-542 Media Relations
- COMM-546 Foreign Policy and the Press
- COMM-548 Global Journalism
- COMM-601 Communication Law
- COMM-711 Teaching Seminar in Communication
- COMM-735 Communication Theory

Professional

- COMM-502 In-Depth Journalism
- COMM-521 Opinion Writing
- COMM-522 Writing and Editing for Convergent Media
- COMM-524 Producing Environmental and Wildlife Films
- COMM-540 Social Marketing
- COMM-543 Speechwriting
- COMM-544 Foreign Correspondence
- COMM-551 Grassroots Digital Advocacy
- COMM-552 Social Media Strategies and Tactics
- COMM-567 Communication and Social Change
- COMM-573 Visual Strategies in Public Relations
- COMM-588 Race, Ethnic, and Community Reporting
- COMM-630 Principles of Photography
- COMM-631 Film and Video Production I
- COMM-632 Backpack Video Journalism
- COMM-635 Introduction to Studio Television
- COMM-644 Writing for Strategic Communication
- COMM-650 Digital Imaging and Design
- COMM-652 Web Studio

- 9 additional credit hours in approved elective courses
 Students must take 24 credits in their home school (SIS or SOC) to fulfill degree requirements. Students may not take beyond 24 credits in their home school.

Master of Arts (MA) Media Entrepreneurship

The MA in Media Entrepreneurship is a ten course sequence to build on the growing need for, and interest in, media entrepreneurs. It crosses division boundaries within the School of Communication and also reaches across academic boundaries to work in conjunction with the established entrepreneurship curriculum of the Kogod School of Business. The program is designed for mid-career managers in technology, media, and public communication; media strategists; journalists; association executives; information-rich NGOs; content publishers and general managers; and media investors and creators of products not yet conceived.

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission to the program requires a bachelor's degree from an accredited college or university with at least a 3.00 (on a 4.00 scale) grade point average in last 60 hours of undergraduate coursework. The ability to speak and write English well is essential. International students whose first language is not English should take the TOEFL examination to demonstrate proficiency in written as well as spoken English. All applicants must earn a satisfactory score on the Graduate Record Examination (GRE) General (verbal, quantitative, and analytical). Official transcripts, two letters of recommendation, and a 1,000-word essay on the applicant's commitment to pursuing graduate study in the program are submitted with the application. Interviews are not required, but may be recommended by the school.

Degree Requirements

- 30 credit hours of approved graduate work
- Capstone experience: COMM-627 meets the university requirement
- A grade point average of 3.00 maintained during all work toward the degree

Course Requirements

Core

- COMM-601 Communication Law (3)
- COMM-625 Seminar in Media Entrepreneurship (3)
- COMM-626 Media Technology Management (3)
- FIN-630 Financial Analysis of the Firm: Concepts and Applications (3)
- MGMT-633 Leading People and Organizations (3)
- MGMT-660 Entrepreneurship and Innovation (3)
- MKTG-612 Marketing Management (3)

Capstone

- COMM-627 Capstone: Media Entrepreneurship (3)

Electives

- 6 credit hours in additional graduate-level COMM courses as approved by advisor

Master of Arts (MA) Political Communication

The MA in Political Communication offers students a unique opportunity to prepare for professional careers in government, politics, public affairs, public policy, and communication through the study of political and communication theory, research, and practice. This interdisciplinary MA program allows students to take courses in both the School of Public Affairs (SPA) and the School of Communication (SOC) that emphasize thorough grounding in political science, strategic communication, research, and media. In addition, students take hands-on courses designed to teach applied politics and communication skills over a broad range of media and production classes that introduce them to news writing, persuasive writing, public opinion research, online advocacy, and campaign management. The program gives students a strong background in research skills, a broad knowledge of political issues, and a deep understanding of how the political process and media work. Students will gain the knowledge, skills, and ethical grounding to be successful as politicians, policy-makers, political communication professionals, and campaign executives.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least 3.0 on a 4.0 scale. Applicants are required to submit results of the Graduate Record Examination (GRE), unless they have eight or more years of relevant work experience, in which case they may apply for a GRE-waiver by contacting the school through which they are applying. GRE-waiver applicants must provide the details of their relevant work experience and the dates they were so employed. In addition, international students whose first language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL). A strong TOEFL score is necessary to ensure that students may benefit fully from the coursework. The preferred minimum TOEFL score is 600 on the paper-based test (PBT), 100 on the Internet-based test (iBT); or a 7 on the IELTS. All applicants must submit two letters of reference. Applicants who received their bachelor's degrees five or fewer years before the date of application should submit at least one letter that evaluates their undergraduate academic performance and suitability for graduate study in political science and communication.

Students apply to either SPA or SOC. Applications will be reviewed jointly by SPA and SOC, with both schools agreeing on student admission.

Degree Requirements

- 36 credit hours of approved graduate work with a cumulative grade point average of 3.00
- Requests for the transfer of a maximum of 6 graduate credit hours will be considered in exceptional cases.
- Students take a comprehensive examination jointly administered by SOC and SPA at the conclusion of their required core courses.

Course Requirements

Core Courses (24 credit hours)

- COMM-531 Political Communication (3)
- COMM-628 Proseminar in Political Communication (1)
- COMM-640 Principles of Strategic Communication (3)
- COMM-735 Communication Theory (3)
- COMM-738 Research Methods in Communication (3)
- GOVT-536 Applied Political Writing (3)
- GOVT-620 Applied Politics and American Public Policy (3)
- 5 credit hours from the following:
 GOVT-520 Advanced Studies in Campaign Management (4)
 GOVT-521 Topics in Campaign Management (1)
 GOVT-523 The Art and Craft of Lobbying (3-4)
 GOVT-524 Topics in Public Affairs and Advocacy (1)

Capstone (3 credit hours)

- COMM-629 Capstone in Political Communication (3)

Elective Communication Courses (9 credit hours)

- 9 credit hours from the following:
 COMM-509 Politics and the Media (3)
 COMM-521 Opinion Writing (3)
 COMM-539 International Public Communication (3)
 COMM-540 Social Marketing (3)
 COMM-541 Crisis Communication (3)
 COMM-542 Media Relations (3)
 COMM-543 Speechwriting (3)
 COMM-546 Foreign Policy and the Press (3)
 COMM-551 Grassroots Digital Advocacy
 COMM-567 Communication and Social Change (3)
 COMM-589 Sustainability Communication (3)
 COMM-596 Selected Topics: Non-recurring (1-6)
 (approved topic)
 COMM-644 Writing for Strategic Communication (3)

Combined Bachelor's and MA in Political Communication

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both a bachelor's degree and the MA in Political Communication.

Requirements

- Admission to the combined BA/MA program requires junior standing, a minimum cumulative grade point average of 3.5, a completed application form, a written faculty recommendation, an essay on the student's interests and abilities in political science and communication, and an interview with the Department of Government graduate advisor if the student is entering through the School of Public Affairs, or the advisor for the Division of Public Communication if the student is entering through the School of Communication. Students must apply for admission to the graduate program no later than the last undergraduate

semester. The Graduate Record Examination (GRE) is required for admission to the MA program.

- All requirements for a bachelor's degree in the student's major at American University.
 Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.
- All requirements for the MA in Political Communication, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

**Master of Arts (MA)
Strategic Communication**

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission to the program requires a bachelor's degree from an accredited college or university with at least a 3.00 (on a 4.00 scale) grade point average in last 60 hours of undergraduate coursework. International students whose first language is not English should take the TOEFL examination to demonstrate proficiency in written as well as spoken English. All applicants must earn a satisfactory score on the Graduate Record Examination (GRE) General (verbal, quantitative, and analytical).

Previous academic or professional work in public communication is not required, but all applicants must demonstrate a serious commitment to a career in this field. The ability to speak and write English well is essential. Official transcripts, two letters of recommendation, and a 1,000-word essay on the applicant's commitment to pursuing graduate study in the program are submitted with the application. Interviews are not required, but may be recommended by the school.

Admission is open to both full-time and part-time students for the fall semester. Full-time students are generally expected to complete the program in ten months. Part-time students are expected to take a minimum of two courses each semester and complete their program in two years. The program is also available in a weekend format which takes twenty months to complete (see below).

Qualified undergraduate students may apply to a combined bachelor's/MA program and use up to 6 credit hours of 500-level courses to satisfy the requirements of both degrees.

Degree Requirements

- 30 credit hours of approved graduate work
- A grade of B or better in two of the following courses to fulfill the university's research requirement:
 COMM-640 Principles of Strategic Communication
 COMM-735 Communication Theory
 COMM-738 Research for Strategic Communication
- A grade point average of 3.00 maintained during all work toward the degree

Course Requirements

- COMM-640 Principles of Strategic Communication (3)
- COMM-642 Strategic Communication Management (3)
or
COMM-646 Public Communication Practicum (3)
- COMM-644 Writing for Strategic Communication (3)
- COMM-735 Communication Theory (3)
- COMM-738 Research for Strategic Communication (3)
- COMM-744 Strategic Communication Capstone (3)
- 12 credit hours from the following:
COMM-542 Media Relations (3)
COMM-552 Social Media Strategies and Tactics (3)
COMM-573 Visual Strategies in Public Relations (3)
COMM-580 Strategic Health Communication (3)
COMM-589 Sustainability Communication (3)

Students also may take an internship as one of the elective courses. Other elective courses may be taken in communication or in other fields such as sociology, business, performing arts, education, government, justice, international service, psychology, anthropology, art history, literature, economics, or statistics.

Weekend Graduate Program in Strategic Communication

With its emphasis on public relations, this program, conducted on Saturdays, is for experienced professionals who wish to enhance their skills in conducting and managing strategic communication campaigns, yet their schedules won't allow a full-time or even a part-time graduate program during the week. Admission requirements are the same as for the full-time program with the additional prerequisite of at least three years of work experience, and the program starts in the fall semester only. Degree and course requirements are also the same as the full-time program, but the 12 credit hours of elective courses will be determined by departmental offerings. Students are expected to complete the program within a twenty-month period.

Combined Bachelor's Degree and MA in Strategic Communication

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables highly qualified students to earn a BA or BS in any discipline and an MA in Strategic Communication.

Requirements

- Admission to the combined program requires second semester junior or senior standing, a cumulative grade point average of 3.5, a formal application, two written faculty recommendations, a statement of purpose, and a positive review by the faculty admissions committee. The Graduate Record Examination (GRE) is not required unless applying for School of Communication Merit Awards.
- All requirements for a bachelor's degree in the student's major at American University

Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.

- All requirements for the MA in Strategic Communication, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Graduate Certificate in Digital Media

The certificate is designed for professionals with undergraduate degrees who need to produce digital media. The program enables students to retool with a focus on how to use social networking tools in the digital media landscape.

Admission to the Program

Students must have a degree from an accredited college or university with at least a 3.0 grade point average (on a 4.0 scale) in the last 60 hours of undergraduate work. The GPA requirement may be waived for applicants with more than five years of full-time professional experience. An undergraduate degree in communication is not required. Admitted students must pass an online orientation exam before beginning the certificate program.

Applicants whose native or first language is not English must demonstrate proof of language proficiency by submitting satisfactory results from the Test of English as a Foreign Language (TOEFL), unless they have received a degree from an accredited U.S. institution. A minimum TOEFL score of at least 600 on the paper-based version (PBT) or 100 on the internet-based test (iBT) version is required. A minimum IELTS test score of 7.0 is also accepted.

American University does not provide immigration documents for entry to the United States for international students in this program.

Certificate Requirements

- 15 credit hours of approved coursework with grades of B or better.

Grades of B- or lower in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate.

All coursework is conducted via distance learning. Students are invited to attend an optional on-campus session at the end of the program to show their work and receive professional critiques.

Course Requirements

- COMM-602 Digital Media Literacy and Skills (3)
- COMM-603 Web Development (3)
- COMM-604 Dynamic Content (3)
- COMM-605 Video for Social Media (3)
- COMM-606 Capstone: Digital Media Project (3)

Master of Fine Arts (MFA) Film and Electronic Media

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission to the program requires a bachelor's degree from an accredited college or university with at least a 3.00 (on a 4.00 scale) grade point average in last 60 hours of undergraduate coursework. International students whose first language is not English should take the TOEFL examination to demonstrate proficiency in written as well as spoken English. The Graduate Record General Examination (GRE) is required, but may be waived by the division director.

An undergraduate degree in one of the visual media is desirable, but applications from candidates who have majored in other fields will also be considered. Applicants with prior experience in the visual media should submit a portfolio illustrating relevant professional experience. Students without prior experience in film, video, photography, or digital media production or who do not demonstrate through their portfolio a level of minimum proficiency in media production will need to reconcile their deficiencies with additional coursework.

Official transcripts, two letters of recommendation, and a 1,000-word essay on the applicant's commitment to pursuing graduate study in the program are submitted with the application.

Degree Requirements

- 51 credit hours of approved graduate work
- Capstone experience: production of a portfolio of original creative work in the areas of scriptwriting, film, or electronic media production under the supervision of a faculty committee and in conjunction with COMM-702 Master's Portfolio Capstone, with grade of B or better
- A grade point average of 3.00 maintained during all work toward the degree

Course Requirements (51 credit hours)

Core (26 credit hours)

- COMM-513 Producing Film and Video (3)
- COMM-630 Principles of Photography (3)
- COMM-631 Film and Video Production I (4)
- COMM-634 Film and Video Production II (4)
- COMM-650 Digital Imaging (3)
- COMM-682 Writing for Visual Media (3)
- COMM-701 Graduate Seminar in Film Theory and Practice (3) (must be taken in the first year)
- COMM-711 Teaching Seminar in Media Arts (3)

With the advisor's approval, students with comparable prior experience or coursework may substitute other courses in production and writing or media studies.

Portfolio Requirement

- COMM-702 Master's Portfolio Capstone (6) with grade of B or better

Media History

- 6 credit hours from the following:
 - COMM-511 History of Documentary (3)
 - COMM-516 Topics in Film and Media Arts:
 - Masters of European Cinema (3)
 - The Radical Image (3)
 - COMM-517 History of Cross-Cultural Cinema (3)
 - COMM-520 History of Animation (3)
 - COMM-527 History of Photography (3)
 - COMM-558 Survey of American Cinema (3)
 - COMM-747 AU-FAMU Exchange Program (1–12)*

Production and Writing

- 6 credit hours from the following:
 - COMM-526 Photojournalism and Social Documentary (3)
 - COMM-528 Community Documentary: Stories of Transformation (3)
 - COMM-529 Large Format and Commercial Photography (3)
 - COMM-556 Cross Cultural Film and Video Production (3)
 - COMM-557 Art of Visual Storytelling: From Concept to Storyboards (3)
 - COMM-560 Backpack Documentary (3)
 - COMM-561 Advanced Writing for Film (3)
 - COMM-562 Advanced Writing for Television (3)
 - COMM-564 Documentary Storytelling for Social Change (3)
 - COMM-565 Advanced Visual Media Portfolio (3)
 - COMM-566 Practice of Environmentalism: Policy, Science, and Communication (3)
 - COMM-570 Film and Digital Media Institute (1-6)
 - COMM-635 Introduction to Studio Television (3)
 - COMM-638 Production Practicum (1-3)
 - COMM-654 Motion Graphics and Effects I (3)
 - COMM-656 Dramatic Production (3)
 - COMM-664 Directing for Camera (3)
 - COMM-686 Documentary Production (3)
 - COMM-716 Advanced Topics in Film and Media Arts (3)
 - COMM-747 AU-FAMU Exchange Program (1–12)*

Media Studies and Producing

- 3 credit hours from the following (see note below):
 - COMM-511 History of Documentary (3)
 - COMM-512 Social Documentary (3)
 - COMM-514 Censorship in the Media (3)
 - COMM-515 Children, Youth, and Digital Culture (3)
 - COMM-516 Topics in Film and Media Arts:
 - Masters of European Cinema (3)
 - COMM-517 History of Cross-Cultural Cinema (3)
 - COMM-520 History of Animation (3)
 - COMM-524 Producing Environmental and Wildlife Films (3)
 - COMM-527 History of Photography (3)
 - COMM-552 Social Media Strategies and Tactics (3)
 - COMM-558 Survey of American Cinema (3)
 - COMM-589 Sustainability Communication (3)
 - COMM-601 Communication Law (3)

COMM-661 Developing Nonfiction Productions
 COMM-747 AU-FAMU Exchange Program (1–12)*

Note: One media studies elective may be taken in a related subject area with the approval of the faculty advisor. Related media studies courses include the following:

COMM-503 Broadcast and Multimedia Journalism Management (3)

LIT-646 Advanced Studies in Film (3) (topics)

PERF-557 Playwriting (3)

PERF-665 Theatre History I (3)

PERF-666 Theatre History II (3)

* Courses offered in Prague, Czech Republic. Students may enroll in the film and theatre curriculum at the Prague Film Academy (FAMU). Courses taken at FAMU receive full credit toward the MFA in Film and Electronic Media.

Electives

- 4 credit hours in approved coursework
 With the guidance of their advisor, students may further develop an area of concentration or expertise using the above course listings. COMM-690 Independent Study Project, COMM-691 Graduate Internship, and COMM-716 Advanced Topics in Film and Media Arts may also be used with permission of the student's advisor.

**Doctor of Philosophy (PhD)
 Communication**

The PhD in Communication draws from the offerings of the School of Communication (SOC) and from the diverse intellectual resources across American University and Washington, DC. Focused broadly on the intersections among media, technology, and democracy, the program combines humanistic and social scientific approaches to the study of communication to analyze the complex interactions among various players, including news media, entertainment media, digital communications, nonprofit organizations, government, and business. In combination with research and scholarship, students have the opportunity to create, promote, and evaluate media projects and communication initiatives. The accelerated design of the program offers an 11-month mentoring and learning environment, enabling students to complete their degrees in three years.

Admission to the Program

Doctoral program applicants must have a master's degree in Communication or a related field from an accredited college or university with a cumulative GPA of 3.3 or higher; a combined score of at least 1200 in the GRE General Aptitude test; two letters of recommendation; a written statement of purpose; and an interview with the PhD program director and admissions committee. Non-native English speaking applicants must submit results of the Test of English as a Foreign Language (TOEFL). The minimum TOEFL score is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT).

Degree Requirements

- 72 credit hours of approved graduate coursework
 Students may request to transfer in up to 30 credit hours from a master's degree program towards their PhD degree

requirements. A minimum grade point average of 3.3 in all coursework is required to remain in good standing and to earn the degree.

- *Comprehensive Examination Advancement to Candidacy, and Dissertation*

No later than the end of the fall semester of their second year, students consult with their faculty advisor to select faculty members to serve on their comprehensive exam and dissertation committee. Committees are comprised of the student's faculty advisor and three additional faculty members. At least two faculty members should be from the field of communication and at least one should be from an outside discipline. Committee members are subject to approval by the student's faculty advisor and the program director. At least two committee members must be full-time, tenure-line faculty members at American University. The chair of the dissertation committee must be an AU faculty member who holds a tenured position. An untenured, tenure-line faculty member may be appointed as a co-chair, but must serve with a tenured faculty member.

In consultation with the faculty advisor and the student, each committee member assigns a written comprehensive exam question that tests core knowledge and competency in an area. After completion of the written exams, the student meets with the committee to orally defend the comprehensive exams. The committee must unanimously agree that the student has passed the comprehensive exam process.

After passing the comprehensive examinations, students complete a formal dissertation proposal, which must be approved by all the members of the committee and the program director. Following approval of the dissertation proposal, students advance to candidacy and proceed with the research and writing process. After completion of the dissertation, students submit it to the committee for oral defense and final approval. Committee members must unanimously agree that the dissertation meets program and university standards for rigor and quality.

Course Requirements

Core

- COMM-704 Media, Technology, and Democracy (3)
 - COMM-711 Teaching Seminar in Communication (3)
 - COMM-750 Advanced Media Theory (3)
 - COMM-751 Advanced Media Research Methods (3)
 - COMM-754 Media Law and Policy (3)
 - Approved graduate statistics course
 - Approved graduate research methods course
- Other courses may be substituted with approval of the student's faculty advisor and the program director.

Concentration

- At least three approved courses, including courses from outside SOC, in a concentration area:

Media Industries and Institutions
Media, Public Issues, and Engagement
Media, Technology, and Culture

Research and Writing Requirement

- COMM-799 Doctoral Dissertation Seminar

School of International Service

Dean James M. Goldgeier
Associate Dean for Faculty Affairs and Graduate Education Tamar Gutner
Associate Dean for Undergraduate Education Patrick Thaddeus Jackson
Associate Dean for Graduate Enrollment Management and Program Development Leeanne Dunsmore
Assistant Dean for Budget and Personnel Stefanie Dramé
Assistant Dean for Communications and Administration Anya Schmemann
Director of Academic Affairs Lee Schwentker
Director of Academic and Career Advising Nathan Slusher
Director of Communications Joe Navatto
Director of Graduate Enrollment Management Amanda Taylor
Director of Operations, Online Programs Matthew Meekins
Graduate Academic Advising Marley Crutcher, Mary Barton, Kaitlin Capobianco, Jessica Holman, Michael Rosenberger
Undergraduate Academic Advising Justina Anthracite, Ubah Aden, Lee Blaser, Megan Kelly, Marianne Norman, Suzanne Skillings, Julie Wickham
Graduate Enrollment Management Jia Jiang, Stephen Angelsmith, Rebecca Davis, Sarah Goldberg
Comparative and Regional Studies Program Director Randolph Persaud
Global Environmental Politics Program Director Ken Conca
Global Governance, Politics, and Security Program Director Celeste Wallander
International Communication Program Director Christine Chin
International Development Program Director Vidyamali Samarasinghe
International Economic Relations Program Director Arturo Porzecanski
International Peace and Conflict Resolution Program Director Anthony Wanis-St. John
US Foreign Policy and National Security Program Director Shoon Murray
JD/MA Program Director Paul Williams
Undergraduate Program Director Rose Shinko
PhD Program Director Sharon K. Weiner

Full-Time Faculty

University Professor J. Mittelman
Professor Emeritus/a F. Cheru, D.L. Clarke, S.D. Cohen, R.W. Gregg, J. Goldstein, M. Hammer, G.L. Harris, L.L. Lubrano, S. Mardin, F.J. Piotrow, J.M. Richardson, M. Struelens, M.P. Walker, L.C. Wilson
Ibn Khaldun Chair of Islamic Studies A. Ahmed
Mohammed Said Farsi Chair of Islamic Peace A.A. Said
Professor M. Abu-Nimer, A. Acharya, G. Adams, D. Bernhofen, P. Brenner, R. Broad, K. Conca, R. Fisher, J. Fox, J.M. Goldgeier, L.W. Goodman (Dean Emeritus), R. Henning, D. Hirschmann, P.T. Jackson, C. Lusane, J. Mertus, R. Pastor, V. Samarasinghe, P. Wapner, G. Weaver, P. Williams, Q. Zhao
Associate Professor Emeritus S.H. Arnold, W. Kincade
Associate Professor C. Call, C. Chin, K. Darden, M. Egan, C. Gallaher, T. Gutner, N.S. Levinson, S. Murray, R. Robinson, C. Rudolph, C. Schneider, S. Shepler, S. Silvia, M. Solis, S. Venturelli, A. Wanis-St. John, S. Weiner
Assistant Professor B. Atzili, S. Bates, A. Boesenecker, D. Bosco, E. Bratman, E. Cohn, K.S. Diwan, D. Esser, M.A. Giraudy, T. Graddy, C. Hayden, P.K. Heng, S. Jinnah, J.R. Kelley, S. Knight, J. Lee, A.C. LeVan, D. Mislan, S. Mokhtari, K. Nam, S. Nicholson, M. Ranganathan, D. Schneider, L. Skalli-Hanna, S. Snyder, J. Tama, M. Taylor, K. Tuomi, W. Wigfall-Williams, T. Yamanis
Professorial Lecturer E. Abitbol, J. Bachman, R. Briggs, D. Craig, W. Belding, B. Cramer, A. Diamond, D. Eralp, A. Hardig, A. Hart, M. Moneim Hassan, V. Kiechel, J. King, N. Paxton, P. Redvers-Lee, T. Sajjad, H. Schmidt, M. Schroeder, L. Seybert, R. Shinko, N. Stevanovic-Fenn
Distinguished Diplomat-in-Residence A. Quainton
Distinguished Economist-in-Residence A. Porzecanski
Distinguished Scholar-in-Residence J.A. Tickner
Diplomat-in-Residence S. Shelton-Colby
Economist-in-Residence M. Suarez-Mier
Executive-in-Residence S. Fischer
Scholar-in-Residence D. Martin-McCormick, J. Shapiro, M. Singh
Instructor D. Banks, G. Fuller, G. Groen, E. Law, M. Morosini-Dominick, D. Ohls, N. Shenai

The School of International Service (SIS) offers a rich and diverse liberal arts program for undergraduate students, professional training in international affairs for master's students, and a multidisciplinary, policy-relevant program for doctoral students. The programs are based on an interdisciplinary curriculum that encourages students to explore international affairs through the contributions of political scientists, sociologists, anthropologists, economists, lawyers, historians, global health experts, and specialists in communication. The school offers exceptional opportunities that evolve from the university's location in a premier world capital. The links between the school and its Washington, DC environment nourish the academic and professional growth of its students. For further information about SIS and its programs, go to: www.american.edu/sis.

Faculty

The diversity of the full-time faculty members of the School of International Service in terms of academic disciplines and professional experience, both in the United States and abroad, exemplifies the multidisciplinary and cross-cultural aspects of international relations. Bringing cutting-edge research into their classrooms, the faculty use a variety of interactive approaches such as simulations, case studies, and media in their teaching. The school regularly appoints adjunct and visiting professors and benefits from their expertise in the field of international relations. As a center of public dialogue, the school brings leading experts from around the world to address emerging issues in international affairs.

Centers

The School of International Service offers opportunities for study through specific projects and research centers dedicated to various themes in international affairs.

Research and Learning Centers

Africa Council
 ASEAN Studies Center
 AU Human Rights Council
 Center for Asian Studies
 Center for Latin American and Latino Studies
 Center for North American Studies
 Center for Peacebuilding and Development
 Center for Research on Collaboratories and Technology
 Enhanced Learning Communities (COTELCO)
 Intercultural Management Institute
 Public International Law and Policy Program

Projects

The Trade & Environment Database

Dual-Degree Programs

SIS offers dual Master's degree programs with several renowned universities abroad. These programs allow graduate students to earn two Master's degrees from two universities. With degrees granted in two countries, students participating in the dual degree programs gain the knowledge, skills, and practical experience to excel in careers in both countries.

Ritsumeikan University, Japan The Graduate School of International Relations at Ritsumeikan University has partnered with SIS to offer an innovative dual Masters degree program for

students who want to take an interdisciplinary and multicultural approach to their research and education. This program, started over twenty years ago, is the first of its kind between a Japanese and an American university. Students gain cross-cultural competency while earning two Master's degrees in international relations.

Korea University, Korea The Graduate School of International Studies (GSIS) at Korea University (KU) offers one of the leading international relations programs in Korea and Asia. Its curriculum emphasizes interdisciplinary studies as part of the school's commitment to multicultural awareness and promoting international interaction. KU, through the GSIS, has joined AU and SIS to offer a dual Master's degree program through which students can take advantage of the numerous opportunities offered at both schools, study with top experts in the field, and gain a new perspective on international relations from the Korean Peninsula.

Sookmyung Women's University, Korea With the motto, "Gentle Power to Change the World," the Graduate School of Professional Studies at Sookmyung Women's University (SMU) has joined SIS to offer a dual degree program aimed at cultivating leadership skills in international affairs. Although SMU was the first women's university in Korea, the program is open to both men and women from American University who seek to gain leadership skills and understand the Korean perspective on international service.

SIS and the **University for Peace, Costa Rica** jointly offer a program in which students study at and receive degrees from both American University and the United Nations-affiliated University for Peace. It is the first graduate degree program in which students can learn about environmental and development policies from the perspectives of both the South and North. The two-year program equips students with the knowledge and skills necessary for managing eco-development issues in a global context and provides them with opportunities to establish ties that bridge the North-South divide.

Special Programs

The **Global Scholars Program** is a rigorous accelerated course of study designed for outstanding entering freshmen who are passionate about creating meaningful change in the world. The program allows a cohort of School of International Service (SIS) first-year students to enroll in a three-year BA in International Studies program with the option of a four-year BA/MA. The program allows students to pursue traditional study abroad and internship opportunities during their course of study, and to participate fully in the student life of the campus. Through a carefully planned sequencing of courses, students:

- take SIS core requirements as a cohort;
- have the opportunity to spend the summer abroad between their first and second year of study;
- compete for funding for major research awards and internships;
- receive support from program faculty, staff, and SIS alumni with career/internship placement; and
- organize community service and activities outside of the classroom as a cohort.

Master's International (MI) integrates graduate study at the School of International Service (SIS) and Peace Corps service in a single program. Participants pursue a degree in one of the eight graduate programs offered by SIS while serving in the Peace Corps. MI students begin their first year of graduate coursework at SIS. After receiving a Peace Corps placement, students travel to their respective sites and begin training. While in service, MI students draw on their graduate experience while focused on Peace Corps service and earn 6 credit hours towards their Master's degree requirements during their 27-month service. After completing Peace Corps service, MI students return to SIS to finish their graduate coursework. For more information, go to www.american.edu/sis/admissions/PeaceCorps.cfm

Student Organizations

The school prides itself on a long tradition of student activism, and a variety of opportunities are in place for current students who wish to be involved. Student groups have helped to endow scholarships, been a catalyst for changes in the curriculum, helped the poor and disaffected in the United States and overseas, and supported various programs with recruitment, alumni relations, and student life. Volunteering with various organizations offers students a chance to make a lasting impact in the life of the school, the university, and the community, and to truly enhance their time in the school.

- SIS Graduate Student Council
- International Communication Student Forum
- International Development Program Student Association
- Society for Peace and Conflict Resolution (SPCR)
- Creative Peace Initiatives (CPI)
- Dialogue Development Group (DDG)
- Society for Ethics, Peace & Global Affairs (SEPGA)
- USFP Student Association
- AU Student Government
- AU Graduate Leadership Council
- Student Organization for African Studies

The School of International Service hosts the Alpha Chapter of the Honor Society for International Studies, Sigma Iota Rho.

Special Opportunities

Numerous school-wide special programs are available for undergraduate and graduate students. These include study and internship opportunities around the world and in the international capital city of Washington, DC, including within the federal government. These opportunities help SIS students link theory and practice actively and build skills that are critical in an increasingly global world.

Students write for SIS publications including the SIS graduate *Journal of International Service* and the *Intercultural Management Quarterly*, sponsored by the Intercultural Management Institute. Through the SIS Research Symposium or working on a publication with peers or professors, SIS students at all levels are involved in cutting-edge scholarly and policy-oriented research. A limited number of graduate and undergraduate fellowships, assistantships, and research grants are awarded on the basis of merit as well as school, program, and individual needs.

The Griffith Lecture Series, organized by the SIS Graduate Student Council, brings visiting scholars and foreign policy practitioners to the school each year. The Annual Warren Hunsberger Lecture highlights a distinguished scholar of Asian studies. Regular fora in SIS programs attract experts from around the world and engage students in formal and informal discussions.

The school also sponsors numerous co-curricular opportunities including the annual SIS student-faculty softball game, the International Dinner, and the graduate semi-formal event, the International Affair. Career-oriented workshops greatly enhance opportunities for successful learning and networking.

Educational Resources in Washington, DC

Only in Washington, DC can the subject of international affairs be studied in such a relevant context. The school's location affords opportunities for hands-on learning with academic credit through internships in government and private sector organizations with international interests.

Qualified graduates and undergraduates have the opportunity to enroll in courses at any of the institutions in the Consortium of Universities of the Washington Metropolitan Area. By taking advantage of consortium offerings, students may greatly enrich their programs, particularly in specialized interest areas and language study. Washington, DC offers unique research facilities including the Library of Congress, the National Archives, and various other libraries maintained by government agencies, public and private international organizations, associations, and other area universities.

Study Abroad

SIS Abroad offers the opportunity for graduate and undergraduate students to study abroad and gain full American University course credit. All students are encouraged to learn and work in another culture. Aside from dual-degree options, SIS Abroad programs include the following:

Semester Abroad Students spend one semester taking courses alongside their international counterparts and are fully integrated in student life at the host campus. Students who attend these programs find that the coursework and research done abroad complements their SIS degrees and enriches their knowledge in a regional or functional concentration.

Summer and Intersession Programs SIS organizes a number of short-term, faculty-led, experiential programs abroad each summer and intersession. Program locations change each summer and intersession to reflect the needs and interests of the student population. The detailed curricula of the programs make them ideal for students who wish to concentrate on a specific region or topic area. Each one offers ample opportunity to interact with local and regional leaders, conduct field research, and engage in challenging internship positions.

SIS undergraduate students may also participate in AU Abroad, which offers over 100 programs around the world. For more information on AU Abroad programs, go to: www.auabroad.american.edu/.

Undergraduate Programs

Bachelor of Arts (BA) International Studies

The BA in International Studies prepares students for internationally-focused careers in government, non-profits, and the private sectors. The curriculum is firmly rooted in the liberal arts and sciences, inherently interdisciplinary, and aimed at helping students to think critically and clearly about the most pressing global challenges. It also affords an opportunity for students to find their truest vocations, to discover their passions, and to become active and engaged citizens in a complex global world that defies simple explanations or solutions. SIS faculty and courses help students acquire critical intellectual dispositions and expanded moral imaginations—enabling them to think critically, creatively, and independently about important international issues—that will help them shape the global future.

The seven learning outcomes for the BA in International Studies are:

1. Demonstrate critical thinking as evidenced through both written work and oral presentation.
2. Interpret issues from multiple cultural and philosophical perspectives.
3. Demonstrate an understanding of the role of values, ethics, and justice in international affairs.
4. Understand and apply theories and models drawn from appropriate disciplines such as political science, history, and economics to international affairs.
5. Display in-depth knowledge of one or more global or regional challenges.
6. Demonstrate competency in articulating a research question and designing and executing a research project.
7. Demonstrate at least four-semester proficiency in a foreign language.

SIS believes that the best way to prepare students for global citizenship is to give them opportunities to encounter both the breadth and the depth of international studies. The curriculum stretches students' horizons even as it allows individual students to customize their path through SIS so as to focus on the issues and topics that most attract their attention. A central feature of students' intellectual development in SIS involves original student research, which is thoroughly integrated into the entire academic program of study, including two specifically designated research methodology courses. The SIS commitment to undergraduate research helps students develop the critical capacity to question partisan sound bites and to maintain a healthy skepticism about simplistic knowledge claims. The entire curriculum reflects a concerted effort to help students learn to read closely, write cogently, and think critically, thus equipping them with the concepts, skills, and experiences appropriate for internationally-focused careers and vocations.

The sequencing of the BA in International Studies is designed to give students a firm grounding in the breadth of the international studies field as well as solid research skills before they further develop their own research and substantive inter-

ests. The first year experience includes foundational SIS courses such as World Politics, Cross-Cultural Communication, and a First Year Seminar, together with SIS Mentorship, as a way of making sure that students are well-prepared to take advantage of all of the opportunities afforded them by SIS, American University, and the city of Washington, DC. The second year experience features the core research design and methodology sequence, together with gateway courses in the key thematic areas in which students choose to concentrate their coursework during their third year. Students at SIS also focus in depth on a particular region of the world. Lastly, a Senior Capstone class in the final year of a student's course of study allows for the integration of various aspects of the undergraduate educational experience, and enables the creation of a summative project.

Admission to the Program

Candidates for admission to the school must present evidence of excellent personal and academic qualifications. To be considered for freshman admission, an applicant should have earned at least a B average in secondary school. Cultural factors are considered in evaluating transcript and examination results. Other factors taken into account are leadership qualities, character, and personal interest. Students from other regionally-accredited collegiate institutions, and students in other programs at American University who have completed the freshman year, should maintain a cumulative grade point average of 3.00 (on a 4.00 scale) to be considered for transfer to the school.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 57 credit hours plus 3-20 credit hours in foreign language coursework (depending on language placement exam), with grades of C or better

Students may apply up to 3 credit hours toward the major from an approved internship. Study abroad courses may be used toward the major with the approval of the SIS undergraduate program director in consultation with the SIS undergraduate studies committee.

Course Requirements**Foundation Courses (21 credit hours)**

- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)
- SISU-050 SIS Mentorship Program (0) (Not required for transfer students)
- SISU-105 World Politics FA3 (3)
- SISU-106 First Year Seminar (3)
- SISU-140 Cross-Cultural Communication FA3 (3)
- One course in US politics from the following:
GOVT-110 Politics in the United States FA4 (3-4)
GOVT-210 Political Power and American Public Policy FA4 (3)
GOVT-220 The American Constitution FA4 (3)
- 3-6 credit hours from the following:
SISU-300 Introduction to International Economics (3)
ECON-370 International Economics (3)
ECON-371 International Economics: Trade (3) *and*
ECON-372 International Economics: Finance (3)

Note: If ECON-371 and ECON-372 are taken, ECON-372 may count toward the global economy thematic area.

Foreign Language (3-20 credit hours)

- 3-20 credit hours in one modern foreign language, depending on language placement exam. To demonstrate competency, at least one course must be completed at the fourth-semester level or above.

Research Methodology (6-7 credit hours)

- SISU-206 Introduction to International Relations Research (3)
- STAT-202 Basic Statistics (4)
or
other course approved by SIS Undergraduate Program Director

Thematic Areas (18 credit hours)

Students must take one gateway course in each of three different thematic areas for a total of 9 credit hours, and then take two additional courses in a primary thematic area and one additional course in a secondary thematic area for another 9 credit hours.

- 9 credit hours of gateway courses from three different thematic areas
 - 6 additional credit hours from a primary thematic area
 - 3 additional credit hours from a secondary thematic area
- In addition to the courses listed below, courses taken abroad may count toward the thematic area. Students should consult their academic advisor for details.

*Peace, Global Security, and Conflict Resolution**Gateway Course*

SISU-210 Peace, Global Security, and Conflict Resolution (3)

Thematic Area Courses

IBUS-471/MGMT-471 Peace through Entrepreneurship and Global Business Practicum (3)

RELG-475 Religion and Violence (3)

SISU-310 Topics in Peace, Global Security, and Conflict Resolution (3)

SISU-312 Governance, Development, Security in Asia (3)

SISU-313 Transatlantic Security (3)

SISU-316 United States-Russian/Eurasian Security Relations (3)

SISU-318 Topics in Global Security and Foreign Policy (3)

SISU-319 Arab-Israeli Relations (3)

SISU-393 International Relations Theory (3)

SISU-461 Topics in Peace, Global Security, and Conflict Resolution (3)

SISU-482 U.S.-China Relations (3)

SISU-483 Nuclear North Korea (3)

WGSS-350 Interpreting Gender in Culture: (topics) Gender and Violence (3)

*The Global Economy**Gateway Course*

SISU-220 International Political Economy (3)

Thematic Area Courses

ECON-332 Money, Banking, and Finance in the Global Economy (3)

ECON-372 International Economics: Finance (3)

ECON-458 Economics of the World Regions (3) (topics)

IBUS-300 Fundamentals of International Business (3)

MGMT-361 Global Entrepreneurship and Micro Enterprises (3)

SISU-320 Topics in Global Economy (3)

SISU-321 Political Economy of Africa (3)

SISU-324 Topics in Political Economy of Latin America (3)

SISU-328 Global Economy and Sustainable Development (3)

SISU-329 Global Economic Governance (3)

SISU-393 International Relations Theory (3)

SISU-462 Topics in Global Economy (3)

*Foreign Policy and National Security**Gateway Course*

SISU-230 Analysis of United States Foreign Policy (3)

Thematic Area Courses

ANTH-337 Anthropology of Genocide (3)

COMM-546 Foreign Policy and the Press (3)

GOVT-226 The Constitution, Presidential Power, and the War on Terror (3)

GOVT-464 Politics and Policy in the Electronic Age (3)

GOVT-465 Politics and the Internet (3)

GOVT-526 U.S. Intelligence Community (3)

GOVT-529 Principles of Homeland Security (3)

HIST-235 The West in Crisis, 1900-1945 FA2 (3)

HIST-445 Russian Studies: (topics)

The Cold War and the Spy Novel (3)

HIST-461 U.S. Foreign Relations since 1918 (3)

HIST-500 Studies in History: (topics)

Early Modern European History (3)

World War I (3)

SISU-330 Topics in National Security and Foreign Policy (3)

- SISU-332 Japanese Politics and Foreign Policy (3)
 SISU-333 European Foreign and Security Policy (3)
 SISU-334 U.S. Foreign Policy toward Latin America (3)
 SISU-335 U.S. Foreign Policy toward the Middle East (3)
 SISU-393 International Relations Theory (3)
 SISU-463 Topics in Foreign Policy and National Security (3)
 SISU-482 U.S.-China Relations (3)
 SISU-483 Nuclear North Korea (3)
 SPAN-559 Colloquium on Latin America: (topics)
 Conflict and Culture in the Andes (3)
- Global Inequality and Development*
- Gateway Course*
 SISU-240 International Development (3) (gateway course)
- Thematic Area Courses*
 ECON-318 Economic History (3)
 ECON-361 Economic Development (3)
 ECON-362 Microeconomics of Economic Development (3)
 ECON-363 Macroeconomics of Economic Development (3)
 EDU-285 Education for International Development FA3 (3)
 GOVT-235 Dynamics of Political Change FA3 (3)
 HFIT-575 Global Health (3)
 SISU-340 Topics in Global Inequality and Development (3)
 SISU-343 Third World Cities (3)
 SISU-348 Gender and Development (3)
 SISU-349 Topics in Global Inequality, Development,
 Environmental Sustainability, and Global Health (3)
 SISU-393 International Relations Theory (3)
 SISU-395 Social Entrepreneurship (3)
 SISU-464 Topics in Global Inequality and Development (3)
 SOCY-365 Economic Development and Social Change (3)
- Environmental Sustainability and Global Health*
- Gateway Course*
 SISU-250 Environmental Sustainability and Global Health (3)
- Thematic Area Courses*
 CSC-310 Introduction to Geographic Information Systems (3)
 SISU-350 Topics in Environmental Sustainability and
 Global Health (3)
 SISU-352 Environmental Politics of Asia (3)
 SISU-358 Global Health (3)
 SISU-359 Environment, Conflict, and Peace (3)
 SISU-393 International Relations Theory (3)
 SISU-465 Topics in Environmental Sustainability and
 Global Health (3)
- Identity, Race, Gender, and Culture*
- Gateway Course*
 SISU-260 Identity, Race, Gender, and Culture (3)
- Thematic Area Courses*
 ANTH-210 Roots of Racism and Interracial
 Harmony FA3 (3)
 COMM-365 Digital Media and Culture (3)
 COMM-534 Race and Gender in Communication and
 Media (3)
- HFIT-540 Health Communication (3)
 SISU-360 Topics in Identity, Race, Gender, and Culture (3)
 SISU-363 Topics in Identity, Race, Gender, and Culture:
 Europe (3)
 SISU-364 Topics in Identity, Race, Gender, and Culture:
 Latin America (3)
 SISU-365 Topics in Identity, Race, Gender, and Culture:
 Middle East (3)
 SISU-368 Differences and Similarities in Conflict
 Resolution (3)
 SISU-369 Topics in Public Diplomacy (3)
 SISU-393 International Relations Theory (3)
 SISU-466 Topics in Identity, Race, Gender, and Culture (3)
 SISU-485 Race and Ethnicity in Europe (3)
 SOCY-210 Power, Privilege, and Inequality FA4 (3)
 SOCY-351 Race and Ethnic Conflict: Global Perspectives (3)
 SOCY-553 Intersectionality: Theory and Research (3)
- Justice, Ethics, and Human Rights*
- Gateway Course*
 SISU-270 Introduction to Human Rights (3)
- Thematic Area Courses*
 SISU-370 Topics in Justice, Ethics, and Human Rights (3)
 SISU-372 Human Rights in East Asia (3)
 SISU-374 Human Rights in Latin America (3)
 SISU-375 Human Rights and Islam (3)
 SISU-378 Human Rights and U.S. Foreign Policy (3)
 SISU-379 Topics in Human Rights, Identity, and Culture (3)
 SISU-393 International Relations Theory (3)
 SISU-467 Topics in Justice, Ethics, and Human Rights (3)
- Global and Comparative Governance*
- Gateway Course*
 SISU-280 International Organizations (3)
- Thematic Area Courses*
 GOVT-315 Elections and Voting Behavior (3)
 SISU-380 Topics in Global and Comparative Governance (3)
 SISU-381 African Political Institutions (3)
 SISU-383 Overview of the European Union (3)
 SISU-385 Islam and Democracy (3)
 SISU-386 Contemporary Africa (3)
 SISU-387 Contemporary India (3)
 SISU-393 International Relations Theory (3)
 SISU-468 Topics in Global and Comparative Governance (3)
 SISU-471 Topics in Africa (3)
 SISU-472 Topics in East Asia (3)
 SISU-473 Topics in Europe (3)
 SISU-474 Topics in Latin America (3)
 SISU-475 Topics in Middle East (3)
 SISU-476 Topics in Russia (3)
 SISU-477 Topics in South Asia (3)

Regional Focus (9 credit hours)

- Three courses in one of the following regional areas: Africa, the Americas, Asia, Europe, the Middle East, and Russia and Central Eurasia. At least one course must be taken at the 300 level or above.

In addition to the courses listed below, courses taken abroad may count toward the regional focus. Students should consult their academic advisor for details.

Africa

- ANTH-439 Culture, History, Power, Place (3) (topics)
- LIT-150 Third World Literature FA3 (3)
- LIT-225 The African Writer FA1 (3)
- RELG-210 Non-Western Religious Traditions FA3 (3)
- SISU-211 Civilizations of Africa FA3 (3)

The Americas

- ANTH-439 Culture, History, Power, Place (3) (topics)
- HIST-241 Colonial Latin America (3)
- HIST-242 Latin America since Independence (3)
- HIST-440 Latin American Studies (3) (topics)
- SISU-214 Contemporary Latin America (3)
- SPAN-210 Latin America: History, Art, Literature FA3 (3)
- SPAN-355 Spanish Introductory Topics (3)
- SPAN-357 Introduction to Latin American Literature (3)

Asia

- ANTH-230 India: Its Living Traditions FA3 (3)
- ANTH-439 Culture, History, Power, Place (3) (topics)
- HIST-250 Empires and States in East Asia FA3 (3)
- HIST-447 Asian Studies (3) (topics)
- RELG-185 Forms of the Sacred: Religions of the East FA3 (3)
- RELG-210 Non-Western Religious Traditions FA3 (3)
- RELG-473 Hinduism (3)
- SISU-212 China, Japan and the United States FA3 (3)

Europe

- FREN-431 *Civilisation Française I* (3)
- FREN-432 *Civilisation Française II* (3)
- FREN-433 French Topics (3)
- GERM-336 German Topics (3)
- GERM-438 German Civilization I (3)
- GERM-439 German Civilization II (3)
- GOVT-334 Modern British Politics (3) (study abroad)
- HIST-110 Renaissance and Revolution: Europe, 1400-1815 FA2 (3)
- HIST-204 Medieval Europe (3)
- HIST-221 History of Britain I (3)
- HIST-222 History of Britain II (3)
- HIST-327 Twentieth Century Europe (3)
- HIST-418 Nazi Germany (3)
- HIST-419 Holocaust (3)
- HIST-437 British Studies (3) (topics)
- SISU-213 Contemporary Europe (3)

Middle East

- GOVT-432 Political Institutions and Processes in Selected Countries: Politics and Public Policy in Israel (3)
- HIST-443 History of Israel (3)
- RELG-470 Islam (3)
- SISU-215 Contemporary Middle East (3)
- SOCY-225 Contemporary Arab World FA3 (3)

Russia and Central Eurasia

- HIST-225 Russia and the Origins of Contemporary Eurasia FA3 (3)
- HIST-231 The Russian Empire, 1650-1917 (3)
- HIST-232 The Soviet Union (3)
- HIST-445 Russian Studies (3) (topics)
- RUSS-200 Russia and the United States FA3 (3)
- SISU-216 Contemporary Russia (3)

Senior Capstone (3 credit hours)

- One 3-credit course numbered between SISU-400 and SISU-449

Concurrent Certificate

Students in the BA in International Studies program have the opportunity to coordinate their coursework on a particular topic or area of the world, linking coursework in Thematic Areas (and in some cases, Regional Focus courses) with the Senior Capstone, to complete a concurrent certificate program. Students must be officially enrolled to earn a certificate, and completed certificates are noted on the student transcript. For more information, consult an academic advisor and the SIS Undergraduate Program Director.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA in International Studies and Master's Degree

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables highly qualified students to earn both a BA in International Studies and an MA in International Affairs, International Communication, International Development, or International Peace and Conflict Resolution.

Course Requirements

- Admission to the combined BA/MA program requires junior or senior standing, a cumulative grade point average of 3.50, a minimum 3.50 grade point average in SIS courses, a formal application, a written faculty recommendation, and an essay on the student's academic interests and abilities in international affairs. The Graduate Record Examination

(GRE) is not required. Interested students should contact the SIS Graduate Admissions Office.

- All requirements for the BA in International Studies
Undergraduate students may apply up to 12 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.
- All requirements for the MA in International Affairs, MA in International Communication, MA in International Development, or MA in International Peace and Conflict Resolution, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in International Studies

- 21 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- SISU-105 World Politics FA3 (3)
- SISU-206 Introduction to International Studies Research (3)
- 6 credit hours from the following gateway courses:
SISU-210 Peace, Global Security, and Conflict Resolution (3)
SISU-220 International Political Economy (3)
SISU-230 Analysis of United States Foreign Policy (3)
SISU-240 International Development (3)
SISU-250 Environmental Sustainability and Global Health (3)
SISU-260 Identity, Race, Gender, and Culture (3)
SISU-270 Introduction to Human Rights (3)
SISU-280 International Organizations (3)

- 6 additional credit hours from a primary thematic area
- 3 additional credit hours from a secondary thematic area

Note: For thematic area course listings, see program listing for BA in International Studies.

Undergraduate Certificate in European Studies

A European studies certificate provides an opportunity for students to coordinate their courses around themes or regional expertise related to Europe. The certificate builds on American University's faculty members engaged in research and teaching on Eastern and Western Europe across all schools and departments, and AU Abroad programs in Europe, as well as other courses and programs offered overseas supervised by AU faculty. This certificate is open to students in all majors and disciplines. Offering a wide range of academic and professional courses on the region, the certificate is designed so that students can demonstrate substantive knowledge about specific aspects of European culture, history, politics, economics and society, as well as language competency, and complete an experiential learning experience such as an internship or study abroad that directly relates to Europe.

Certificate Requirements

- 18 credit hours of approved coursework with at least 9 credit hours at the 300-level or above with grades of B or better.
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.
- Foreign language proficiency
- Study abroad or approved internship with a European focus
- Capstone: successful completion of a 3 credit-hour European studies research project conducted under the supervision of a faculty member associated with the European studies certificate program.

Course Requirements

- 18 credit hours of approved European studies-related coursework including study abroad or approved internship with a European focus, and a 3 credit hour capstone. Students should take at least one course outside of their main area, discipline, or field.

Undergraduate Certificate in International Studies

Admission to the Program

Open to students enrolled in a degree program or at least junior standing or equivalent. Applicants must submit SAT scores and their official transcripts along with a one page statement of purpose.

Certificate Requirements

- 24 credit hours of approved coursework with at least 12 credit hours at the 300-level or above with grades of C or better.
Grades of C- or D in certificate program courses will not be accepted toward the fulfillment of certificate requirements although these grades will be included in the calculation of the cumulative grade point average. Students must have at least a 2.0 grade point average in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period after they are admitted. International students must enroll in 12 credit hours each semester (except for summer). All programs must be completed within four years. A maximum of 6 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- One of the following:
SISU-105 World Politics FA3 (3)
SISU-140 Cross-Cultural Communication FA3 (3)
Other approved General Education Course
- 21 credit hours in courses approved by the advisor, including one course which serves as a capstone course.

Graduate Programs

Master of Arts (MA) Ethics, Peace, and Global Affairs

The MA in Ethics, Peace, and Global Affairs is an interdisciplinary program administered jointly by the School of International Service (SIS) and the Department of Philosophy and Religion in the College of Arts and Sciences (CAS).

Admission to the Program

Students may apply to either the Department of Philosophy and Religion or the School of International Service. In addition to meeting the minimum university requirements for graduate study, Graduate Record Examination (GRE) scores are required. Students applying to SIS must apply by January 15 for fall and October 1 for spring to be considered for merit-based aid.

Degree Requirements

- 39 credit hours of approved graduate work with a cumulative GPA of 3.00, including 18 credit hours in the core, 6 credit hours of research methodology, 3 credit hours of capstone coursework, 9 credit hours in an area of concentration, and 3 credits hours in elective coursework that complements the chosen concentration
- Capstone experience: demonstration of research and writing skills through completion of a substantial research paper requirement, a thesis, or an integrated professional research experience

Course Requirements

Core (18 credit hours)

- PHIL-525 Seminar on Modern Moral Problems (3)
- PHIL-693 Global Ethics (3)
- SIS-607 Peace Paradigms (3)
- SIS-622 Human Rights (3)
- One course from the following:
 - PHIL-520 Seminar on Ethical Theory (3)
 - PHIL-616 Feminist Philosophy (3)
 - PHIL-617 Race and Philosophy (3)
 - PHIL-655 Philosophy of Religion (3)
 - PHIL-702 Graduate Seminar in Philosophy (3) (topics)
- One course from the following:
 - SIS-517 Gender and Conflict (3)
 - SIS-519 Special Studies in International Politics:
 - Human Rights and Conflict (3)
 - SIS-610 Theories of Violence and War (3)
 - SIS-621 International Law and the Legal Order (3)
 - SIS-625 International Organizations (3)

Research Methodology (6 credit hours)

- Two courses from the following:
 - ANTH-652 Anthropological Research Design (3)
 - SIS-600 Statistics, Research Design, and Research Methods (3)

SIS-612 Qualitative Research Methods in Peace and Conflict Resolution (3)

SIS-680 Topics in Research Methods in International Affairs: Qualitative Methods and Methodology (3)

SOCY-620 Social Research Methods (3)

Approved graduate seminar in Philosophy *and* one qualifying paper

Another approved methodology course

Capstone Experience (3 credit hours)

- One course from the following:
 - PHIL-691 Internship in Philosophy (3)
 - PHIL-797 Master's Thesis Research (3-6) (may include 3 elective credit hours)
 - SIS-793 Practicum in International Affairs (3)
 - SIS-795 Master's Research Requirement (3)
 - SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)

Concentration (9 credit hours)

- Three thematically related courses in one of the following areas, or in another academically sound concentration approved by the student's faculty advisor:

Peace and Conflict Resolution

Human Rights and Social Justice

Global Environmental Justice

Ethics of Development

International Economic Justice

Global Governance and International Organizations

Elective (3 credit hours)

- 3 credit hours from skills workshops, master's thesis requirement, or other elective courses chosen in consultation with faculty and advisor

Master of Arts (MA) Global Environmental Policy

The Global Environmental Policy program provides an in-depth understanding of both the biophysical dimensions of environmental issues and the socioeconomic and political processes that shape the relationship between human beings and the natural world. Graduates are equipped to engage in the policymaking process and develop policy-formulation skills for an increasingly complex, threatened, and interdependent world.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least 3.30 (on a 4.00 scale). Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework in excess of degree requirements specified at the time of admission. Students should normally have several years of professional or practical experience.

The application deadline for fall admission is January 15; for spring admission October 1 (September 15 for international

students). Admitted students may defer matriculation for no longer than two semesters provided that a written request for deferment is submitted to and approved by the SIS Graduate Admissions Office.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Fall applicants should plan to take the appropriate test no later than December to ensure full consideration of the application by the January deadline.

All applicants must submit two letters of reference evaluating undergraduate academic performance and suitability for graduate study in international affairs, at least one of which should be from an academic source. A resume should be included in the application. Applicants must submit transcripts from all institutions attended. Cultural factors are considered in evaluating transcripts and examination results.

Requests for the transfer of a maximum of 6 graduate credit hours from other accredited institutions to be applied to a master's degree are considered after successful completion of 9 credit hours in the graduate program at American University. A minimum grade of B in each course is required for transfer. Transfer courses must have been completed within five years of admission and must fulfill stated requirements of the degree program.

Degree Requirements

- 39 credit hours of approved graduate coursework with a minimum cumulative grade point average of 3.00, including 18 credit hours in the core, 9 credit hours in a concentration, 6 credit hours in research methods, 3 elective credit hours, and a 3 credit hour capstone experience.
- Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.
 - Thesis: 6 credit hours of thesis credit and submission of the thesis
 - Substantial research paper requirement: 3 credit hours
 - Practicum: 3 credit hours
- Evidence of professional experience in the field:
 - Relevant internship or work experience must be certified.
- Proficiency in a modern foreign language:
 - Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements

Core (18 credit hours)

Theory (6 credit hours)

- SIS-660 Environment and Politics (3)
- One of the following:
 - LAW-618 International Environmental Law (3)
 - SIS-620 Studies in Global Environmental Politics (3) (topics)
 - SIS-649 Environment and Development (3)

Economics (6 credit hours)

- ECON-579 Environmental Economics (3)
- ECON-600 Microeconomics (3)
 - or*
 - ECON-603 Introduction to Economic Theory (3)

Science (6 credit hours)

- Two courses from the following:
 - ENVS-500 Ecohydrology (3)
 - ENVS-505 Energy (3)
 - ENVS-580 Environmental Science I (3)
 - ENVS-581 Environmental Science II (3)
 - Another approved science course

Concentration (9 credit hours)

- 9 credit hours in a focused area selected in consultation with advisor

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses

Research Methodology (6 credit hours)

- 6 credit hours from the following:
 - CSC-610 Introduction to Geographic Information Systems (3)
 - ENVS-575 Environmental Risk Assessment (3)
 - PUAD-601 Quantitative Methods for Policy Analysis I (3)
 - SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
 - SIS-619 Special Studies in International Politics: Advanced Statistics, Research Design, and Research Methods for International Affairs (3)
 - SIS-620 Studies in Global Environmental Politics: Policy Analysis for Global Environmental Policy (3)
 - SIS-680 Topics in Research Methods in International Affairs: Qualitative Methods and Methodology (3)
 - 3 credit hours of approved SIS skills institutes
 - Another approved methods or professional skills course

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
 - or*
 - Substantial research paper or practicum requirement

Combined Bachelor's Degree and MA in Global Environmental Policy

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables highly qualified students to earn a BA or BS in any discipline and an MA in Global Environmental Policy.

Requirements

- Undergraduates should apply for admission to the combined program by the end of the junior year. At a minimum, students must have an overall grade point average of 3.00 in a suitable undergraduate major. Applications must be accompanied by two letters of recommendation and a statement of purpose. Graduate Record Examination (GRE) scores are not required for admission to the combined program. Students should discuss their interest in the program with the GEP program director before submitting an application.
- All requirements for a bachelor's degree in the student's major at American University
Undergraduate students may apply up to 12 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees. ENVS-580 Environmental Science I and ENVS-581 Environmental Science II are recommended.
- All requirements for the MA in Global Environmental Policy, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Master of Arts (MA) International Affairs

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least a B+ (3.30 or higher on a 4.00 scale) and should have had at least 24 credit hours of social science coursework relevant to international studies. Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework in excess of degree requirements specified at the time of admission.

The application deadline for fall admission is January 15; for spring admission October 1 (September 15 for international students). Admitted students may defer matriculation for no longer than two semesters provided that a written request for deferment is submitted to and approved by the SIS Graduate Admissions Office.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Lan-

guage Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. LSAT scores will be accepted in place of the GRE for JD/MA applicants. Fall applicants should plan to take the appropriate test no later than December to ensure full consideration of the application by the January deadline.

All applicants must submit two letters of reference evaluating undergraduate academic performance and suitability for graduate study in international affairs, at least one of which should be from an academic source. A resume should be included in the application. Applicants must submit transcripts from all institutions attended. Cultural factors are considered in evaluating transcripts and examination results.

Requests for the transfer of a maximum of 6 graduate credit hours from other accredited institutions to be applied to a master's degree are considered after successful completion of 9 credit hours in the graduate program at American University. A minimum grade of B in each course is required for transfer. Transfer courses must have been completed within five years of admission and must fulfill stated requirements of the degree program.

Degree Requirements

- 39-42 credit hours of approved graduate coursework with a cumulative grade point average of 3.00, including 18-21 credit hours in a major field including one theory course and one graduate-level economics or international economic policy course appropriate to the field, 9 credit hours in a related field selected from offerings in SIS or other teaching units of the university, 6 credit hours in research methods, 3 elective credit hours, and a 3 credit hour capstone experience.
- Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.
 - Thesis: 6 credit hours of thesis credit and submission of the thesis
 - Substantial research paper requirement: 3 credit hours
 - Practicum: 3 credit hours
- Evidence of professional experience in the field: Relevant internship or work experience must be certified.
- Proficiency in a modern foreign language: Research competence in English and another language relevant to the student's career objectives must be certified.

Major Field Concentrations

Comparative and International Disability Policy; Comparative and Regional Studies; Global Governance, Politics, and Security; International Economic Relations; United States Foreign Policy and National Security; or Natural Resources and Sustainable Development (through exchange program with United Nations University for Peace, Costa Rica)

Course Requirements

COMPARATIVE AND INTERNATIONAL DISABILITY POLICY (39 credit hours)

Note: No new students will be admitted to this program for the 2013-14 academic year.

Core (18 credit hours)

- SIS-619 Special Studies in International Politics: International Relations Theory and Disability Rights (3)
- SIS-619 Special Studies in International Politics: Microeconomics for Public Policy Analysis (3)
- SIS-623 International Policy Analysis: Theory and Practice (3)
- SIS-628 Advanced Topics in International Communication: Disability and Social Policy (3)
- SIS-628 Advanced Topics in International Communication: Disability Policy and Organization (3)
- One of the following communication and technology courses:
SIS-628 Advanced Topics in International Communication: Assistive and Adoptive Technology (3)
or
EDU-560 Advanced Technology in Education (3)
SIS-642 Intercultural Relations (3)

Concentration (9 credit hours)

- 9 credit hours in courses approved by the program director selected from one concentration. Approved concentrations include: Disabilities Studies; International Affairs and Development; Government Politics and Power; Communication, Culture, Technology and Disability; and Management and Leadership. Students may design their own concentration with the approval of the program director.

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses

Social Science Research Methodology (6 credit hours)

- SIS-695 Research Seminar and Practicum in International Communication (3)
- SIS-619 Special Studies in International Politics: Informing and Evaluating Policy (3)

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
or
Substantial research paper or practicum requirement

COMPARATIVE AND REGIONAL STUDIES (39 credit hours)

Comparative and Regional Studies bridges comparative analysis and regional specializations. Whereas comparative reasoning focuses on uniformities and variation among cases, examining a specific region grounds knowledge and provides insight. By pioneering the frontiers of comparison across re-

gions, this program represents a distinctive form of professional education, at once scholarly and eminently practical.

Core (18 credit hours)

- SIS-672 Theories of International and Comparative Studies (3)
or
approved course in comparative theory (3)
- One of the following:
SIS-589 Global Political Economy (3)
SIS-673 Comparative Political Economy (3)
or other approved course in comparative economics (3)
- 12 credit hours of coursework in a regional concentration, Africa, the Americas, Asia, Europe, the Middle East, Russia and Central Eurasia, or Islamic Studies, including a regional core seminar from the following:
SIS-629 Europe Core Seminar (3)
SIS-631 Islamic Studies Core Seminar (3)
SIS-654 Africa Core Seminar (3)
SIS-655 Asia Core Seminar (3)
SIS-661 Russia & Central Eurasia Core Seminar (3)
SIS-670 Americas Core Seminar (3)
SIS-671 Middle East Core Seminar (3)

Concentration (9 credit hours)

- Three approved courses from one of the other major field groups in SIS: Global Environmental Policy; Global Governance, Politics, and Security; International Communication; International Development; International Economic Relations; International Peace and Conflict Resolution; and United States Foreign Policy and National Security.

or

Three courses making up an individually-tailored related field and approved by the student's faculty advisor.

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses

Social Science Research Methodology (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)

or

SIS-619 Special Studies in International Politics:
Advanced Statistics, Research Design, and Research Methods for International Affairs (3)

- methodology or professional skills coursework appropriate to the student's research and career interests (3)

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)

or

Substantial research paper or practicum requirement

Note: The thesis or substantial research paper must relate to the regional and comparative aspects of the CRS program.

GLOBAL GOVERNANCE, POLITICS, AND SECURITY (39-42 credit hours)

The Global Governance, Politics, and Security program provides students with a range of skills needed to understand some of the critical issues of our time relating to global security and global governance. Throughout the program, students demonstrate their ability to apply concepts and theories to explain key global problems and to understand and contribute to current policy debates and actions aimed at solving these problems.

Core (15-18 credit hours)

- ECON-603 Introduction to Economic Theory (3)
Students with a strong background in economics may have this course requirement waived without substitution with permission of advisor.
- SIS-601 Global International Relations Theory (3)
- SIS-616 International Economics (3)
- 3 credit hours of approved coursework in history of global politics
- 3 credit hours of approved coursework in foundations of global security
- 3 credit hours of approved coursework in foundations of global governance

Concentration (9 credit hours)

- 9 credit hours of approved coursework in Global Governance or Global Security.

Elective (6 credit hours)

- 6 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses
- **Social Science Research Methodology (6 credit hours)**
- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
or
SIS-619 Special Studies in International Politics:
Advanced Statistics, Research Design, and Research Methods for International Affairs (3)
- Approved second-level methodology or professional skills coursework appropriate to the student's research and career interests (3)

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
or
Substantial research paper or practicum requirement
Note: The thesis or substantial research paper must relate clearly to the fields of global security or global governance.

INTERNATIONAL ECONOMIC RELATIONS (39-42 credit hours)

International Economic Relations provides students with the range of analytical skills needed to understand international economic and financial problems in a policy setting. What distinguishes the program is its focus on specific international trade and financial policies and business transactions using analytical tools from economics, political science, business, and law. Students come to understand the fundamentals and peculiarities of trade in goods and services, and of cross-border capital flows, and study the processes by which private actors behave and government officials develop policies in the areas of international trade and finance.

Core (18-21 credit hours)

- ECON-603 Introduction to Economic Theory (3)
Students with a strong background in economics may have this course requirement waived without substitution with permission of advisor.
- SIS-616 International Economics (3)
- SIS-619 Special Studies in International Politics:
International Political Economy (3)
- SIS-665 International Trade Relations (3)
- SIS-666 International Financial Relations (3)
- 6 credit hours from the following or other courses in international economic relations or international political economy:
SIS-619 Special Studies in International Politics:
Global Economic Governance (3)
Global Financial Governance (3)
Politics of International Trade Policy (3)
SIS-627 International Finance and the Emerging Markets (3)
SIS-630 Economic Policy in the European Union (3)
SIS-658 Financial Issues in Latin America (3)

Concentration (9 credit hours)

- 9 credit hours of courses approved by the student's academic advisor from a related field. Students may design their own related field with approval of the academic advisor. Examples include:

Trade and Investment

Money and Finance

International Business

Law and Policy

Economic Development

Political Economy

Another major field in SIS

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses

Social Science Research Methodology (6 credit hours)

Option I

- ECON-623 Applied Econometrics I (3) *or*
ECON-624 Applied Econometrics II (3) *or*
STAT-515 Regression (3) *or*
Approved first-level methods course
and
ACCT-607 Financial Accounting (3) *or*
ECON-624 Applied Econometrics II (3) (if not taken as first-level methods course) *or*
SIS-680 Topics in Research Methods in International Affairs: Qualitative Methods and Methodology (3) *or*
Approved second-level methods course

Option II

- PUAD-601 Quantitative Methods for Policy Analysis I (3) *or*
SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3) *or*
SIS-619 Special Studies in International Politics: Advanced Statistics, Research Design, and Research Methods for International Affairs (3) *or*
STAT-514 Statistical Methods (3) *or*
Approved first-level methods course
and
ACCT-607 Financial Accounting (3) *or*
ECON-623 Applied Econometrics I (3) *or*
PUAD-602 Quantitative Methods for Policy Analysis II (3) *or*
STAT-515 Regression (3) *or*
Approved second-level methods course

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
or
Substantial research paper or practicum requirement
Note: The thesis or substantial research paper must relate clearly to the field of international economic relations.

UNITED STATES FOREIGN POLICY AND NATIONAL SECURITY (39-42 credit hours)

The US Foreign Policy and National Security program presents a rigorous course of study that provides students with the knowledge and skills to pursue a career in government, the private sector, nongovernmental organizations, or academia. The program combines core competencies in foreign policy with programmatic flexibility, including student-selected concentrations.

Core (18-21 credit hours)

- ECON-603 Introduction to Economic Theory (3)
Students with a strong background in economics may have this course requirement waived without substitution with permission of advisor.
- SIS-682 Foreign Policy: Institutions and Processes (3)
- SIS-689 Foreign Policy: Theories of Decision Making (3)

- One of the following:
SIS-615 Fundamentals of U.S. Foreign Economic Policy (3)
SIS-616 International Economics (3)
Approved course in economic policy (3)
- One of the following:
HIST-661 U.S. Foreign Relations since 1918 (3)
SIS-653 Topics in U.S. Foreign Policy: Continuity and Change in U.S. Foreign Policy (3)
Approved course in diplomatic history (3)
- 6 credit hours from the following:
SIS-653 Topics in U.S. Foreign Policy (3):
Issues in Intelligence
or
SIS-681 Intelligence and Foreign Policy (3)
SIS-653 Topics in U.S. Foreign Policy (3):
U.S. National Security Strategy
President, Congress, and Foreign Policy
Diplomatic Practice
Politics of National Security Budgeting
Major Powers and Critical Issues
Defense Politics
SIS-688 Domestic Sources of United States Foreign Policy (3)
Approved course on US foreign policy toward a region
Other courses approved by program director

Concentration (9 credit hours)

- 9 credit hours of approved coursework constituting an academically-sound functional area (e.g., diplomacy, energy/environment, national security, etc) or regional field of study.

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses

Social Science Research Methodology (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
or
SIS-619 Special Studies in International Politics: Advanced Statistics, Research Design, and Research Methods for International Affairs (3)
- Methodology or professional skills coursework appropriate to the student's research and career interests (3)

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
or
Substantial research paper or practicum requirement
Note: The thesis or substantial research paper must clearly relate to the field of US foreign policy.

NATURAL RESOURCES AND SUSTAINABLE DEVELOPMENT (42 credit hours)

The Natural Resources and Sustainable Development concentration is available only through the exchange program with United Nations-affiliated University for Peace, Costa Rica. Students study at and receive degrees from both American University and the University for Peace. The program equips students with the knowledge and skills necessary for managing eco-development issues in a global context and provides them with opportunities to establish ties that bridge the North-South divide. These qualities aid graduates to formulate policies to advance sustainable development at the local, regional, and global levels, to facilitate international cooperation in the design of sustainable development and environment policy, and to generate strategies for environmental conflict management.

Core (29 credit hours)

- ECON-603 Introduction to Economic Theory (3)
or
One of the following:
ECON-579 Environmental Economics (3)
SIS-616 International Economics (3)
Approved economics course
- SIS-660 Environment and Politics (3)
- One of the following:
SIS-620 Studies in Global Environmental Politics:
Global Climate Change Politics (3)
Political Ecology of Food and Agriculture (3)
Water Governance (3)
SIS-637 International Development (3)
SIS-649 Environment and Development (3)
- 11 credit hours of SIS-602 AU-University for Peace Exchange topics courses
- 9 credit hours of additional approved SIS or other American University graduate courses

Social Science Research Methodology (7 credit hours)

- SIS-602 AU-University for Peace Exchange (topics)

Research and Writing Requirement (6 credit hours)

- SIS-792 Practice of International Relations (3)
- One of the following:
SIS-793 Practicum in International Affairs (3)
SIS-795 Master's Research Requirement (3)
SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)

Master of Arts (MA) in International Affairs and Juris Doctor (JD)

Graduates receive the JD degree from the Washington College of Law and the MA in International Affairs from the School of International Service.

Admission to the Program

Students apply to both the Washington College of Law (WCL) and the School of International Service (SIS). Students may begin their studies in SIS after completing one full year of full-time study at WCL. SIS accepts LSAT scores in place of the GRE general scores normally required for admission. For specific criteria employed by SIS, see the graduate admission and degree requirements for the MA in International Affairs above. Admission to either WCL or SIS in no way implies that admission to the other will be granted. Students who have been admitted to the MA in International Affairs may apply to WCL. For more information on admission requirements, contact the WCL Admissions Office at 202-274-4101.

Degree Requirements

- 86 credit hours of WCL coursework
Up to 6 credit hours of SIS coursework may be credited toward the JD requirement.
- 36 credit hours of approved graduate coursework in an SIS MA in International Affairs concentration: Comparative and Regional Studies; Global Governance, Politics, and Security; International Economic Relations; or United States Foreign Policy and National Security.
- Up to 15 credit hours in WCL courses may be credited toward the MA requirements (see approved list in the SIS Graduate Office).
- Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.
- Evidence of professional experience in the field:
Relevant internship or work experience must be certified.
- Proficiency in a modern foreign language:
Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements

- Approved major theory course (3)
- Approved major field course (3)
- Approved research methods course (3)
- 9 credit hours of approved related field courses
- 3 credit hours of elective coursework
- Up to 15 credit hours in WCL coursework including the following:
LAW-516 Legal Rhetoric: Writing and Research I (2)
LAW-517 Legal Rhetoric: Writing and Research II (2)
Approved economic or business policy course (3)
5 credit hours of approved international law coursework

Master of Arts (MA) International Communication

Founded in 1968 as the first International Communication program in the country, this innovative program provides students with interdisciplinary course offerings and professional skills training, focusing on emergent and vital topics in international communication. The curriculum allows students to explore themes including intercultural relations, cross-cultural communication, international exchange, global technology governance, cultural and public diplomacy, health communication, and global media studies. The program includes two research and practice-focused laboratories providing distinctive opportunities: the Center for Research on Collaboratories and Technology Enhanced Learning Communities (COTELCO) and the Intercultural Management Institute (IMI).

Admission to the Program

Students applying for admission to this program must have had a strong undergraduate major or minor in social and behavioral sciences or communication. For further information, contact the International Communication Division at 202-885-1621.

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least a B+ (3.30 or higher on a 4.00 scale) and should have had at least 24 credit hours of social science coursework relevant to international studies. Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework in excess of degree requirements specified at the time of admission.

The application deadline for fall admission is January 15; for spring admission October 1 (September 15 for international students). Admitted students may defer matriculation for no longer than two semesters provided that a written request for deferment is submitted to and approved by the SIS Graduate Admissions Office.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Fall applicants should plan to take the appropriate test no later than December to ensure full consideration of the application by the January deadline.

All applicants must submit two letters of reference evaluating undergraduate academic performance and suitability for graduate study in international affairs, at least one of which should be from an academic source. A resume should be included in the application. Applicants must submit transcripts from all institutions attended. Cultural factors are considered in evaluating transcripts and examination results.

Requests for the transfer of a maximum of 6 graduate credit hours from other accredited institutions to be applied to a master's degree are considered after successful completion of 9 credit hours in the graduate program at American University. A minimum grade of B in each course is required for transfer. Transfer courses must have been completed within five years of admission and must fulfill stated requirements of the degree program.

Degree Requirements

- 39 credit hours of approved graduate coursework with a cumulative grade point average of 3.00, including a minimum of 12 credit hours in the core including one theory course, 15 credit hours in a concentration selected from offerings in SIS or other teaching units of the university, 6 credit hours in research methods, 3 elective credit hours, and a 3 credit hour capstone experience.
- One oral presentation at the International Communication Practicum Forum.
- Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.
 - Thesis: 6 credit hours of thesis credit and submission of the thesis.
 - Substantial research paper requirement: 3 credit hours
 - Practicum: 3 credit hours
- Proficiency in a modern foreign language:
 - Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements

Core (12 credit hours)

- SIS-640 International Communication (3)
- SIS-642 Intercultural Relations (3)
- Two of the following:
 - SIS-628 Advanced Topics in International Communication: Health Communication Across Borders (3)
Global and Comparative Perspectives on Public Diplomacy (3)
 - SIS-641 Psychological and Cultural Bases of International Politics (3)
 - SIS-644 Communication and Social and Economic Development (3)
 - SIS-645 International Communication and Cultural Policy (3)

Concentration (15 credit hours)

- 15 credit hours in courses approved by the student's faculty advisor selected from one concentration. Students may design their own concentration with the approval of the faculty advisor. Examples of concentrations include:

Global and Social Media, Technology, and Policy

Global Health Communication

Intercultural Relations

Public Diplomacy

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses

Social Science Research Methodology (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)

or

SIS-619 Special Studies in International Politics:

Advanced Statistics, Research Design, and Research Methods for International Affairs (3)

- Methodology or professional skills coursework appropriate to the student's research and career interests (3)

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)

or

Substantial research paper or practicum requirement

Note: The thesis or substantial research paper must relate to the field of International Communication.

Master of Arts (MA) International Development

For over 35 years, the International Development program has trained students to participate effectively in driving socio-economic, political, and environmental change throughout the world. The program's primary focus is the improvement of opportunities for the world's poor and disenfranchised. Students have the opportunity to custom-design a particular focus or concentration to fit their interests.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least a B+ (3.30 or higher on a 4.00 scale) and should have had at least 24 credit hours of social science coursework relevant to international studies. Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework in excess of degree requirements specified at the time of admission.

The application deadline for fall admission is January 15; for spring admission October 1 (September 15 for international students). Admitted students may defer matriculation for no longer than two semesters provided that a written request for deferment is submitted to and approved by the SIS Graduate Admissions Office.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions

consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Fall applicants should plan to take the appropriate test no later than December to ensure full consideration of the application by the January deadline.

All applicants must submit two letters of reference evaluating undergraduate academic performance and suitability for graduate study in international affairs, at least one of which should be from an academic source. A resume should be included in the application. Applicants must submit transcripts from all institutions attended. Cultural factors are considered in evaluating transcripts and examination results.

Requests for the transfer of a maximum of 6 graduate credit hours from other accredited institutions to be applied to a master's degree are considered after successful completion of 9 credit hours in the graduate program at American University. A minimum grade of B in each course is required for transfer. Transfer courses must have been completed within five years of admission and must fulfill stated requirements of the degree program.

Degree Requirements

- 39-42 credit hours of approved graduate coursework with a cumulative grade point average of 3.00, including a minimum of 12-15 credit hours in the core, 15 credit hours in a concentration selected from offerings in SIS or other teaching units of the university, 6 credit hours in research methods, 3 elective credit hours, and a 3 credit hour capstone experience.
- Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.
 - Thesis: 6 credit hours of thesis credit and submission of the thesis
 - Substantial research paper requirement: 3 credit hours
 - Practicum: 3 credit hours
- Evidence of professional experience in the field:
 - Relevant internship or work experience must be certified.
- Proficiency in a modern foreign language:
 - Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements**Core (12-15 credit hours)**

- ECON-603 Introduction to Economic Theory (3)
 - Students with a strong background in economics may have this course requirement waived without substitution with permission of the division director.
- ECON-661 Survey of Economic Development (3)
- SIS-636 Micropolitics of Development (3)
- SIS-637 International Development (3)

- One of the following:
 - SIS-533 Population, Migration, and Development (3)
 - SIS-624 Children in International Development (3)
 - SIS-626 Social Policy and Development (3)
 - SIS-650 Global Economy and Sustainable Development (3)
 - SIS-635 Advanced Topics in Development Management:
 - Community Development (3)
 - Rural Development (3)
 - Urban Development (3)

Concentration (15 credit hours)

- Courses approved by the student's faculty advisor selected from one concentration. A maximum of 6 credit hours from SIS-633 Selected Topics in International Communication, SIS-638 Selected Topics in International Development Skills, and SIS-639 Selected Topics in International Conflict Resolution Skills may be included. Students may design their own concentration with the approval of the faculty advisor. Examples of concentrations include:

Community Development and Basic Needs

Development Finance and Banking

Development Education

Development Management

Development Policy

Economics and Finance and International Economic Policy

Entrepreneurship and Small Business

Environment and Development

Gender Studies and Development

NGOs and Development

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses

Social Science Research Methodology (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)

or

SIS-619 Special Studies in International Politics:
Advanced Statistics, Research Design, and Research
Methods for International Affairs (3)

- Methodology or professional skills coursework appropriate to the student's research and career interests (3)

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)

or

Substantial research paper or practicum requirement

Master of Arts (MA) in International Development and Master of Theological Studies

A dual master's degree program is offered by the School of International Service and Wesley Theological Seminary. Graduates receive both the MA in International Development and the Master of Theological Studies.

Admission and Requirements

- Applications are submitted to both SIS and Wesley. Students must be admitted separately to each program.
- Students may count up to 9 credit hours from Wesley toward the related field/concentration requirement for the MA in International Development, and an additional 3 credit hours toward the research requirement if they select the thesis option.

Please refer to the Wesley Theological Seminary catalog for a description of the degree requirements for the Master of Theological Studies, or call the Admissions Office at 202-885-8659.

Master of Arts (MA) International Economics

Offered jointly by the College of Arts and Sciences Department of Economics and the School of International Service, this program offers a rigorous combination of theoretical, empirical, and policy-oriented courses in economics, political economy, and policymaking focused on international trade and finance. It prepares students to analyze the most important issues in today's global economy, including the macro- and microeconomic causes and consequences of trade and financial liberalization, exchange rate fluctuations, and capital-markets integration. The objective is to gain an in-depth understanding of the market, political, and other forces that have driven the economic globalization process, as well as the private and public actors and institutions shaping international trade and financial developments and policies.

During their course of study, students utilize state-of-the-art statistical software commonly used in applied economics research and policy analysis. The program culminates with a capstone experience addressing a major issue in contemporary international economics. Students are prepared for careers in government agencies, industry associations, financial institutions, multinational corporations, economic consulting firms, think tanks, multilateral institutions, and non-governmental organizations—whether in the United States or abroad.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least B+ (3.30 or higher on a 4.00 scale). Admission is based on the academic record, two letters of recommendation, and the Graduate Record Examination (GRE) general test. Non-native English speakers are required to submit the results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS), unless they hold a degree from a U.S.-accredited institution. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (IBT) or 600 on the paper-based test. The minimum IELTS score is 7.0.

Applicants must complete Calculus I (MATH-221), Basic Statistics (STAT-202), Intermediate Microeconomics (ECON-300), and Intermediate Macroeconomics (ECON-301), or their equivalents at other institutions, prior to enrollment in the program.

Degree Requirements

- 39 credit hours of approved graduate coursework, including 15 credit hours in economic theory, 9 credit hours in international economic theory and international trade and investment policy, 6 credit hours in research methodology, 6 elective credit hours, and a 3 credit hour capstone experience

Course Requirements**Core Courses (24 credit hours)**

- ECON-505 Introduction to Mathematical Economics (3)
- ECON-600 Microeconomics (3)
- ECON-601 Macroeconomics (3)
- ECON-671 International Economics: Trade (3)
- ECON-672 International Economics: Finance (3)
- SIS-619 Special Studies in International Politics: International Political Economy (3)
- SIS-665 International Trade Relations (3)
- SIS-666 International Financial Relations (3)

Research Methodology (6 credit hours)

- ECON-623 Applied Econometrics I (3)
or
STAT-515 Regression (3)
- ECON-624 Applied Econometrics II (3)
or
STAT-522 Time-Series Analysis (3)
or
STAT-524 Data Analysis (3)

Electives (6 credit hours)

- 6 credit hours of SIS courses at the 500-level or above, with approval of program director

Capstone Experience (3 credit hours)

- SIS-793 Practicum in International Affairs (3)
or
ECON-680 Economics MA Capstone Seminar (3)

**Master of Arts (MA)
International Media**

The Master of Arts in International Media offers students a unique opportunity to learn international communication theory and research while at the same time developing professional production skills. This interdisciplinary MA program allows students to take concurrent courses in the School of Communication (SOC) and School of International Service (SIS) that emphasize strategic communication, research, international communication, and global media. In addition, students take hands-on courses designed to hone writing skills over a broad range of media, and production classes that introduce them to filmmaking, newswriting, digital imaging, web design, photography, and public communication writing. The media studies component of the program gives students a strong background in research skills, broad knowledge of global economic and political issues, and a deep understanding of how the

media works, especially in an international environment. The production portion of the program provides students with the knowledge, skills, and ethical groundings to be professionally competent and literate managers/producers/commissioners.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a minimum cumulative grade point average of 3.30 or higher on a 4.00 scale. Some background knowledge of communication studies, or media/journalism professional experience, or international studies and international work experience is recommended.

All applicants are required to submit results of the Graduate Record Examination (GRE). In addition, international applicants whose first language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL). A strong TOEFL score is necessary to ensure that students can fully benefit from the media production courses and analytical courses. All applicants must also submit two letters of reference evaluating undergraduate academic performance and suitability for graduate study in international affairs and communication.

Students apply to either SOC or SIS. Applications will be reviewed jointly by SOC and SIS, with both schools agreeing on student admission.

Degree Requirements

- 45 credit hours of approved graduate work with a cumulative grade point average of 3.00, including 12 credit hours of core courses, 6 credit hours of professional courses, 6 credit hours of methods courses, and 6 credit hours of research/capstone courses. Students also take 15 credit hours of electives. Students choose a concentration in either SIS or SOC and complete a total of 24 credits hours in that concentration, including their research/capstone requirement. Students must take 24 credits in their home school (SIS or SOC) to fulfill degree requirements. Students may not take more than 24 credits in their home school.

Requests for the transfer of a maximum of six graduate credits will be considered only on an exceptional basis.

- SOC students: a paper discussing the capstone project's relationship to the field of International Media.
- Capstone experience: demonstration of research and writing skills through completion of the research/capstone requirement courses with grades of B or better.
- Proficiency in a modern foreign language:
Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements**Core (12 credit hours)**

- COMM-648 Topics in International Media (3)
- SIS-640 International Communication (3)
- Two courses from the following:
COMM-640 Principles of Strategic Communication (3)
SIS-644 Communication and Social Economic Development (3)
SIS-645 International Communication and Cultural Policy (3)

Professional (6 credit hours)

- COMM-688 Media Writing (3)
- COMM-638 Production Practicum (1-3)

Methods (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
- COMM-738 Research Methods in Communication (3)

Research/Capstone Requirement (3-6 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
or SIS-793 Practicum in International Affairs (3)
or
COMM-795 Capstone Seminar in International Media (3)
and COMM-691 Internship (3)

Electives and Concentration

- SOC students: 15 credit hours in elective courses including 6 credit hours from the IC or SOC concentrations
or

SIS students: 18 credit hours in elective courses including 6 credit hours from the SIS or SOC concentrations

International Communication (IC) (6 credit hours)

SIS-628 Advanced Topics in International Communication (1-3) (approved topics)

SIS-633 Selected Topics in International Communication (1-3) (up to 3 credit hours of approved topics)

Approved electives in other SIS fields related to International Communication

School of Communication (SOC) (6 credit hours)

Theoretical

COMM-504 Journalism Ethics
COMM-509 Politics and the Media
COMM-511 History of Documentary
COMM-512 Social Documentary
COMM-514 Censorship and Media
COMM-516 Topics in Film and Media Arts
COMM-517 History of Cross-Cultural Cinema
COMM-527 History of Photography
COMM-531 Political Communication
COMM-533 Ethics in Strategic Communication
COMM-535 Special Topics in News Media
COMM-539 International Public Communication
COMM-541 Crisis Communication
COMM-542 Media Relations
COMM-546 Foreign Policy and the Press
COMM-548 Global Journalism
COMM-601 Communication Law
COMM-711 Teaching Seminar in Communication
COMM-735 Communication Theory

Professional

COMM-502 In-Depth Journalism
COMM-521 Opinion Writing
COMM-522 Writing and Editing for Convergent Media
COMM-524 Producing Environmental and Wildlife Films
COMM-540 Social Marketing
COMM-543 Speechwriting
COMM-544 Foreign Correspondence
COMM-551 Grassroots Digital Advocacy
COMM-552 Social Media Strategies and Tactics
COMM-567 Communication and Social Change
COMM-573 Visual Strategies in Public Relations
COMM-588 Race, Ethnic, and Community Reporting
COMM-630 Principles of Photography
COMM-631 Film and Video Production I
COMM-632 Backpack Video Journalism
COMM-635 Introduction to Studio Television
COMM-644 Writing for Strategic Communication
COMM-650 Digital Imaging and Design
COMM-652 Web Studio

- 9 additional credit hours in approved elective courses
Students must take 24 credits in their home school (SIS or SOC) to fulfill degree requirements. Students may not take beyond 24 credits in their home school.

**Master of Arts (MA)
International Peace and
Conflict Resolution**

With a strong emphasis on the blending of theory and practice, peace studies with conflict resolution, and always with a search for alternatives to violence, the International Peace and Conflict Resolution (IPCR) program stands apart as a unique academic and professional training program. Peace, in this context, includes economic, social, and political justice; ecological balance; and nonviolent conflict resolution. IPCR was founded on the belief that the challenges that face the world today can be approached from a collaborative and humanistic perspective.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least a B+ (3.30 or higher on a 4.00 scale) and should have had at least 24 credit hours of social science coursework relevant to international studies. Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework in excess of degree requirements specified at the time of admission.

The application deadline for fall admission is January 15; for spring admission October 1 (September 15 for international students). Admitted students may defer matriculation for no longer than two semesters provided that a written request for deferment is submitted to and approved by the SIS Graduate Admissions Office.

All applicants whose native language is English or those whose degrees are from an accredited institution where the

language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Fall applicants should plan to take the appropriate test no later than December to ensure full consideration of the application by the January deadline.

All applicants must submit two letters of reference evaluating undergraduate academic performance and suitability for graduate study in international affairs, at least one of which should be from an academic source. A resume should be included in the application. Fall applicants must submit transcripts from all institutions attended. Cultural factors are considered in evaluating transcripts and examination results.

Requests for the transfer of a maximum of 6 graduate credit hours from other accredited institutions to be applied to a master's degree are considered after successful completion of 9 credit hours in the graduate program at American University. A minimum grade of B in each course is required for transfer. Transfer courses must have been completed within five years of admission and must fulfill stated requirements of the degree program.

Degree Requirements

- 39 credit hours of approved graduate coursework with a cumulative grade point average of 3.00, including a minimum of 12 credit hours in the major field including one theory course and one 3 credit graduate-level economics or international economic policy course appropriate to the field, 12 credit hours in a concentration selected from offerings in SIS or other teaching units of the university, 6 credit hours in research methods, 3 elective credit hours, and a 3 credit hour capstone experience.
- Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.
Thesis: 6 credit hours of thesis credit and submission of the thesis
Substantial research paper requirement: 3 credit hours
Practicum: 3 credit hours
- Evidence of professional experience in the field:
Relevant internship or work experience must be certified.
- Proficiency in a modern foreign language:
Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements

Core (9 credit hours)

- SIS-606 Culture and Peace and Conflict Resolution: Alternatives to Violence (3)
- SIS-607 Peace Paradigms (3)
- SIS-609 Conflict Analysis and Resolution: Theory and Practice (3)

Economics (3 credit hours)

- One of the following:
ECON-603 Introduction to Economic Theory (3)
SIS-673 Comparative Political Economy (3)
Approved course in economics (3)

Concentration (15 credit hours)

- 15 credit hours in courses identified by the IPCR faculty as part of one of the six IPCR concentrations:

Applied Conflict Resolution

Human Rights

Identity and Culture

International Negotiation

Peacebuilding

Research and Policy

or

15 credit hours in courses approved by the student's faculty advisor making up an academically-sound concentration defined by a central concept which allows the student to focus on a particular area of interest.

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses

Social Science Research Methodology (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)

or

SIS-619 Special Studies in International Politics: Advanced Statistics, Research Design, and Research Methods for International Affairs (3)

- SIS-612 Research Seminar in Peace and Conflict Resolution (3)

or

SIS-639 Selected Topics in International Conflict Resolution Skills (1-3) (total of 3 credit hours)

or

Other approved methodology course appropriate to the student's research interests (3)

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)

or

Substantial research paper or practicum requirement

Master of Arts (MA) in International Peace and Conflict Resolution and Master of Arts in Teaching (MAT)

Graduates receive an MA in International Peace and Conflict Resolution through the School of International Service and the MAT in secondary education through the School of Education, Teaching and Health.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least a B+ (3.30 or higher on a 4.00 scale) and should have had at least 24 credit hours of social science coursework relevant to international studies. Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework specified at the time of admission.

Students must apply to both the School of International Service (SIS) and the School of Education, Teaching and Health (SETH) in the College of Arts and Sciences. Admission to either of the participating teaching units in no way implies admission to the other unit. For more information on admissions requirements, contact the SIS Graduate Admissions Office at 202-885-1646 or the SETH Teacher Education Office at 202-885-3720.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Fall applicants should plan to take the appropriate test no later than December to ensure full consideration of the application by the January deadline.

For secondary education certification, students must have a bachelor's degree or 33 credit hours in the subject area they are seeking licensure. It is anticipated that students who complete the MA in International Peace and Conflict Resolution will have sufficient background to meet certification requirements in social studies. However, students who meet requirements for other subject areas will also be considered. Students will be notified at the time of admission concerning additional coursework required for state certification.

Degree Requirements

- 57 credit hours of approved graduate coursework with a cumulative grade point average of 3.00
Students must complete 9 credit hours in the education core courses, 12 credit hours in secondary education, 6 credit hours of student teaching, 3 credit hours of electives, 9 credit hours in peace and conflict resolution core courses to receive the MAT.
Students must complete 9 credit hours in peace and conflict resolution core courses, 3 credit hours in economics, 6 credit

hours in methodology, 6 credit hours of electives, 3 credit hours in a capstone experience, and 12 credit hours in the education core/secondary education track to receive the MA in International Peace and Conflict Resolution.

In addition to intensive coursework and student teaching placements, students are also required to participate in an educational internship program. These field placements are carefully supervised and coordinated to meet state certification requirements.

- SIS Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.
Thesis: 6 credit hours of thesis credit and submission of the thesis
Substantial research paper requirement: 3 credit hours
Practicum: 3 credit hours
- Evidence of professional experience in the field:
Relevant internship or work experience must be certified.
- Proficiency in a modern foreign language
Research competence in English and another language relevant to the student's career objectives must be certified.
- Comprehensive examination for MAT
- Completion of the Praxis II Exam prior to graduation

Course Requirements

Education Core (9 credit hours)

- EDU-521 Foundations of Education (3)
- EDU-541 Foundations of Special Education for Exceptional Children (3)
or
EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3)
- EDU-620 Theories of Educational Psychology and Human Development (3)

Secondary Education Track (12 credit hours)

- EDU-520 Reading, Writing, and Literature across the Curriculum (3)
- EDU-522 Principles of Effective Methods and Instruction (3)
- EDU-540 Methods, Materials, and Management in Secondary Education I (3)
or
Other approved methods courses
- EDU-662 Classroom Management (3)

Education Elective (3 credit hours)

- 3 credit hours of approved elective coursework in education

Student Teaching (6 credit hours)

- EDU-699 Student Teaching Seminar in Professional Practice (6)

Peace and Conflict Resolution Core (9 credit hours)

- SIS-606 Culture and Peace and Conflict Resolution: Alternatives to Violence (3)
- SIS-607 Peace Paradigms (3)
- SIS-609 Conflict Analysis and Resolution: Theory and Practice (3)

Economics (3 credit hours)

- One of the following:
ECON-603 Introduction to Economic Theory (3)
SIS-673 Comparative Political Economy (3)
Approved course in economics (3)

Social Science Research Methodology (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
or
SIS-619 Special Studies in International Politics: Advanced Statistics, Research Design, and Research Methods for International Affairs (3)
- SIS-612 Research Seminar in Peace and Conflict Resolution (3)
or
Other approved methodology course appropriate to the student's research interests (3)

SIS Electives (6 credit hours)

- 6 credit hours selected from skills workshops, internship for credit, master's thesis requirement, or other elective courses from School of International Service

Capstone Experience (3 credit hours)

- SIS-797 Master's Thesis Supervision (3-6) (may include 3 elective credit hours)
or
Substantial research paper or practicum requirement

Master of Arts (MA) in International Peace and Conflict Resolution and Master of Theological Studies

A dual master's degree program is offered by the School of International Service and Wesley Theological Seminary. Graduates receive both the MA in International Peace and Conflict Resolution and the Master of Theological Studies.

Admission and Requirements

- Applications are submitted to both SIS and Wesley. Students must be admitted separately to each program. For more information on requirements, contact the SIS Graduate Admissions Office at 202-885-1646 and the Wesley Theological Seminary Admissions Office at 202-885-8659.
- Students may count up to 12 credit hours from Wesley toward the MA in International Peace and Conflict Resolution. With SIS faculty approval, 9 credit hours count toward the concentration/elective requirements, and 3 credit hours count toward the capstone experience requirement.

**Master of Arts (MA)
International Relations**

The Master of Arts in International Relations is an online degree designed to provide students with a strong grounding in the field of international relations, professional skills, and expertise in a subfield of international relations.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least a B+ (3.30 or higher on a 4.00 scale) and should have at least 24 credit hours of social science coursework, including foundational work in economic principles, relevant to international studies. Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework in excess of degree requirements specified at the time of admission.

All applications must be received in full at least 30 days before the intended matriculation date.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test. The minimum IELTS score is 7.0. Applicants should plan to take the GRE so that the scores are available at the time of application.

All applicants must submit two letters of reference evaluating previous university-level academic performance and suitability for graduate study in international affairs, at least one of which should be from an academic source. The application should include a resumé and a statement of purpose. Applicants must submit transcripts from all institutions attended. Cultural factors are considered in evaluating transcripts and examination results.

Requests for the transfer of a maximum of 6 graduate credit hours from other accredited institutions to be applied to a master's degree are considered after successful completion of 9 credit hours in the graduate program at American University. A minimum grade of B in each course is required for transfer. Transfer courses must have been completed within five years of admission and must fulfill stated requirements of the degree program and be approved by the School.

Degree Requirements

- 36 credit hours of approved graduate coursework with a cumulative grade point average of 3.00, including 12 credit hours of core courses, 6 credit hours in methods and analysis, 9 credit hours in a concentration, 6 credit hours of electives, and 3 credit hours in a capstone experience.
- Capstone experience: demonstration of research and writing skills through a course that includes writing a substantial research paper requirement or undertaking a research

practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.

- Proficiency in a modern foreign language:
Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements

Core (12 credit hours)

- SISG-760 International Studies: History, Theory, Practice (3)
- SISG-761 Intercultural Communication (3)
- SISG-762 Global Governance (3)
- SISG-764 International Economics (3)

Methods and Analysis (6 credit hours)

- 3 credit hours in approved quantitative methods coursework
- 3 credit hours in approved policy analysis coursework
or
3 credit hours in approved program evaluation coursework

Concentration (9 credit hours)

- 9 credit hours of coursework in an approved concentration
Examples of concentrations includes:

*Sustainable International Development
Security and Conflict Resolution*

Electives (6 credit hours)

- 6 credit hours of approved elective coursework

Capstone Experience (3 credit hours)

- Substantial research paper or practicum requirement

Master of Arts (MA) Social Enterprise

The MA in Social Enterprise builds on and expands teaching and researching social entrepreneurship. The program supports students who want to create and work in social ventures that drive societal change by providing innovative, economically sustainable solutions to public problems. This program's curriculum blends learning about both hard and soft management practices with an examination of the dynamics of social innovation.

Admission to the Program

Applicants must have at least two years work experience in or relevant to international development in less developed countries or with disadvantaged communities in the United States or other developed countries. Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least 3.30 or higher on a 4.00 scale and should have at least 24 credit hours of social science coursework relevant to international studies.

The application deadline for fall admission is January 15. Admitted students may defer matriculation for no longer than two semesters provided that a written request for deferment is submitted to and approved by the SIS Graduate Admissions Office.

All applicants whose native language is English or whose degrees are from an accredited institution where the language of

instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Applicants should plan to take the appropriate test no later than December to ensure full admissions consideration of the application by the January deadline.

All applicants must submit two letters of reference evaluating undergraduate academic performance and suitability for graduate study in international affairs, at least one of which should be from a current or former employer. A resume should be included in the application. Applicants must submit transcripts from all institutions attended. Cultural factors are considered in evaluating transcripts and examination results. Work experience must be clearly explained in the applicant's letter of application.

Requests for the transfer of a maximum of 6 graduate credit hours from other accredited institutions to be applied to a master's degree are considered after successful completion of 9 graduate credit hours at American University. A minimum grade of B in each course is required for transfer. Transfer courses must have been completed within five years of admission and must fulfill stated requirements of the degree.

Degree Requirements

- 39-42 credit hours of approved graduate credit work with a cumulative grade point average of 3.0, including a minimum of 15-18 hours in the core, 12 credit hours in a concentration selected from offerings in SIS or other teaching units of the university, 6 credit hours in methods, 3 elective credit hours, and 3 credit hours of supervised practicum and capstone project.
- Comprehensive examination based on a paper and presentation relating the student's practicum and capstone project experience to previous coursework and the relevant scholarly literature.
- Capstone experience: demonstration of ability to conceptualize and create a new social enterprise, or make analytic-based recommendations for significant improvement in an existing organization through completion of a 3 credit hour practicum and capstone project supervised by program faculty advisors.
- Evidence of professional experience in the field:
Relevant internship or work experience must be certified.
- Proficiency in a modern foreign language:
Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements

Core (15-18 credit hours)

- ECON 603 Introduction to Economic Theory (3)
or
FIN-605 Managerial Economics and Corporate Strategy (3)
Students with a strong background in economics may have this course requirement waived without substitution with permission of the program director.
- An additional graduate-level economics course relevant to the student's concentration, as approved by advisor
- SIS-628 Advanced Topics in International Communication: Social Entrepreneurship: Culture, Communication and Change (3)
- SIS-635 Advanced Topics in Development Management: Leading Social Innovation (3)
- SIS-635 Advanced Topics in Development Management: Social Enterprise: Context and Best Practices (3)
- 3 credit hours from the following:
SIS-635 Advanced Topics in Development Management: NGO-Private Sector Engagement (3)
or
SIS-635 Advanced Topics in Development Management: NGO Management: Best Practices (3)
or
A sequence of skill institutes from:
SIS-633 Selected Topics in International Communication (1-3)
SIS-638 Selected Topics in International Development Skills (1)
SIS-639 Selected Topics in International Conflict Resolution Skills (1-3)

Concentration (12 credit hours)

- 12 credit hours from approved courses in a substantive international social enterprise-related issue, including courses from the Kogod School of Business and other schools within American University. Students explore in depth an area in which to apply their social enterprise expertise, and should be related to the capstone project. Concentration issues include community development, education, environment, health, human rights, international development, justice, microfinance, nonprofit management, and peace building. Students may create their own concentration with the approval of the faculty advisor.

Elective (3 credit hours)

- 3 credit hours selected from skills workshops, internship for credit, or other elective courses

Methods (6 credit hours)

- FIN-630 Financial Analysis of the Firm: Concepts and Applications (3)
- SIS-638 Selected Topics in International Development Skills: Professional Competences I (1)
Professional Competences II (1)
Professional Competences III (1)

Capstone Experience (3 credit hours)

- Substantial research paper or practicum requirement

Master of International Service (MIS)

The Master of International Service (MIS) is specifically designed for those with significant experience in international affairs or for those completing, or having recently completed (within three years), a master's level program in international affairs or related field from an approved institutional partner. The program's two-semester intensive period of study is complemented by opportunities for participating in an array of public dialogue and ongoing research programs.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least B+ (3.30 or higher on a 4.00 scale). Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework in excess of degree requirements specified at the time of admission. Additionally, students should have either significant professional experience, typically seven to nine years, be currently enrolled in a master's level program in international affairs or related field from a partner institution, or have recently completed (within three years) a master's level program in international affairs or related field from an approved partner institution. Students with significant professional experience should apply to the mid-career track. Students currently enrolled, or having recently completed, a master's level program in international affairs or related field should apply to the international studies track.

The application deadline for fall admission is May 1; for spring admission, October 1 (September 15 for international students). Admitted students may defer matriculation for no more than two semesters provided that a written request for deferment is submitted to and approved by the SIS Graduate Admissions Office.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Applicants should plan to take the TOEFL prior to December to ensure full consideration of the application by the May 1 deadline.

All applicants are required to submit official transcripts and translations from their undergraduate institutions and two letters of reference evaluating their suitability for the program in international service. Finally, applicants must submit an essay outlining their motivation for graduate study. The essay should also contain a brief description of their intended program of study.

Mid-Career Track

The Master of International Service Mid-Career track is designed for students who have seven to nine years of professional experience.

Degree Requirements

- At least 30 credit hours of approved graduate coursework with a cumulative grade point average of 3.00, including 18 credit hours in residence

Students with significant prior professional experience in international affairs may apply to the director of the MIS program for advanced standing of up to 6 credit hours. Such application must make reference to areas in which the student has acquired professional competence. Students seeking to use the significant professional experience clause are limited to a total of 6 credit hours, including any transfer credit.

- Capstone experience: SIS-686 Proseminar in International Affairs I and SIS-687 Proseminar in International Affairs II, with grades of B or better

Course Requirements

Concentration (24 credit hours)

- 24 credit hours of graduate coursework from an approved concentration

Capstone Experience (6 credit hours)

- SIS-686 Proseminar in International Affairs I (3)
- SIS-687 Proseminar in International Affairs II (3)

International Studies Track

The Master of International Service International Studies track is designed for students who are currently enrolled in a master's level program in international affairs or related field with a partner institution, or have recently completed (within three years) a master's level program in international affairs or related field from a partner institution.

Degree Requirements

- At least 30 credit hours of approved graduate coursework with a cumulative grade point average of 3.00, including 18 credit hours in residence

Students in the International Studies track may receive up to 12 credit hours of advanced standing for credits earned at the partner institution that meet the requirements for the MIS.

- Capstone experience: demonstration of critical thinking, research and writing skills through completion of a master's thesis, substantial research paper requirement, or practicum. All courses taken to fulfill this requirement must be passed with a grade of B or better.

Course Requirements

Concentration (27 credit hours)

- 27 credit hours of graduate coursework from an approved concentration

Capstone Experience (3 credit hours)

- Substantial research paper or practicum requirement

Master of Science (MS) Development Management

The Master of Science in Development Management combines the fields of development and public administration to provide state-of-the-art education, training, and practice in development management. The program is designed both for practitioners and students with prior field experience who plan to work on development programs and projects either within the United States or in developing countries. It provides an opportunity to focus on innovative approaches to development management that are presently being developed both in the United States and in the Third World, with particular attention to the issues of self-reliance, sustainability, and poverty alleviation.

Admission to the Program

Applicants must have at least two years field experience working on development problems or projects in the United States, Western Europe, or in developing countries.

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least a B+ (3.30 or higher on a 4.00 scale) and should have had at least 24 credit hours of social science coursework relevant to international studies. Students who do not meet these minimum requirements, if otherwise admissible, may be assigned additional coursework in excess of degree requirements specified at the time of admission.

The application deadline for fall admission is January 15; for spring admission October 1 (September 15 for international students). Admitted students may defer matriculation for no longer than two semesters provided that a written request for deferment is submitted to and approved by the SIS Graduate Admissions Office.

All applicants whose native language is English or those whose degrees are from an accredited institution where the language of instruction is English are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a US-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Applicants should plan to take the appropriate test no later than December to ensure full consideration of the application by the January deadline.

All applicants must submit two letters of reference evaluating undergraduate academic performance and suitability for

graduate study in international affairs, at least one of which should be from an academic source. A resume should be included in the application. Applicants must submit transcripts from all institutions attended. Cultural factors are considered in evaluating transcripts and examination results.

Requests for the transfer of a maximum of 6 graduate credit hours from other accredited institutions to be applied to a master's degree are considered after successful completion of 9 credit hours in the graduate program at American University. A minimum grade of B in each course is required for transfer. Transfer courses must have been completed within five years of admission and must fulfill stated requirements of the degree program.

Degree Requirements

- 39-42 credit hours of approved graduate coursework with a cumulative grade point average of 3.00, including a minimum of 15-18 credit hours in the core, 12 credit hours in a related field selected from offerings in SIS or other teaching units of the university, 6 credit hours in social science methodology, and 6 credit hours of research.

A mid-level professional who has performed successfully in a technical or managerial role before admission to the program may apply through the director of the MS in Development Management program to the dean of SIS to have the total program requirements reduced by up to 6 credit hours. This application may be made after completion of 9 credit hours and must make reference to a number of areas in which the student has acquired basic competence. Credit earned as part of an internship program does not count in this provision.

- Research requirement: 6 credit hours of practicum research with grades of B or better
- Comprehensive examination requirement completed in conjunction with practicum research
To be eligible to take a comprehensive examination, students must have maintained at least a 3.00 grade point average (on a 4.00 scale) in all graduate coursework. The comprehensive examination requirement includes research group meetings plus an oral research presentation in conjunction with a thesis, substantial research paper, or practicum.
- Proficiency in a modern foreign language:
Research competence in English and another language relevant to the student's career objectives must be certified.

Course Requirements

Core (15-18 credit hours)

- ECON-603 Introduction to Economic Theory (3)
Students with a strong background in economics may have this course requirement waived without substitution with permission of the division director.
- ECON-661 Survey of Economic Development (3)
- SIS-636 Micropolitics of Development (3)
- SIS-637 International Development (3)
- PUAD-614 Development Management (3)

- One of the following:
MGMT-609 Management of Organizations and Human Capital (3)
PUAD-612 Introduction to Public Administration and the Policy Process (3)

Concentration (12 credit hours)

- 12 credit hours in courses approved by the student's faculty advisor selected from one concentration. A maximum of 6 credit hours from SIS-633 Selected Topics in International Communication, SIS-638 Selected Topics in International Development Skills, and SIS-639 Selected Topics in International Conflict Resolution Skills may be included. Students may design their own concentration with the approval of the faculty advisor and the MSDM director. Examples of concentrations include:

Development Management and Information Systems

Entrepreneurship and Small Business

Program and Project Management

Social Science Research Methodology (6 credit hours)

- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
or
SIS-619 Special Studies in International Politics:
Advanced Statistics, Research Design, and Research Methods for International Affairs (3)
- Approved methodology course appropriate to the student's research interests (3)
Research and Writing Requirement (6 credit hours)
- SIS-693 Practicum: Action Research in Development Management (6) (with a grade of B or better)

Graduate Certificate in Cross-Cultural Communication

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a US-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours

during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-642 Intercultural Relations (3)
- SIS-641 Psychological and Cultural Bases of International Politics (3)
or
SIS-640 International Communication (3)
- 9 credit hours of electives in a cluster of related courses as approved by the student's advisor

Graduate Certificate in Development Management

Admission to the Program

Open to graduate level students in special contract programs approved by the director of the International Development Program who have successfully completed the special prerequisite program in English, mathematics/statistics, computers, and economics.

Certificate Requirements

- 21 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 6 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

Core (15 credit hours)

- ECON-505 Introduction to Mathematical Economics (3)
or
SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
- ECON-603 Introduction to Economic Theory (3)
- SIS-636 Micropolitics of Development (3)
or
SIS-637 International Development (3)
- SIS-638 Selected Topics in International Development Skills (1) (a total of 3 credit hours)
- PUAD-614 Development Management (3)

Electives (6 credit hours)

- Two courses from the following:
ECON-661 Survey of Economic Development (3)

SIS-636 Micropolitics of Development (3) (if not taken to fulfill requirement above)

SIS-637 International Development (3) (if not taken to fulfill requirement above)

PUAD-613 Administration of International Programs (3)

Other courses may be substituted with prior approval of the director of the International Development Program.

Graduate Certificate in European Studies

A European studies certificate provides an opportunity for students to coordinate their courses around themes or regional expertise related to Europe. The certificate builds on American University's faculty members engaged in research and teaching on Eastern and Western Europe across all schools and departments, and AU Abroad programs in Europe, as well as other courses and programs offered overseas supervised by AU faculty. This certificate is open to students in all majors and disciplines. Offering a wide range of academic and professional courses on the region, the certificate is designed so that students can demonstrate substantive knowledge about specific aspects of European culture, history, politics, economics and society, as well as language competency, and complete an experiential learning experience such as an internship or study abroad that directly relates to Europe.

Admission to the Program

Open only to students in an SIS master's degree program. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 18 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of B or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.
- Proficiency in a modern foreign language:
Research competence in English and another language relevant to the student's career objectives must be certified.
- Study abroad or approved internship with a European focus
- Capstone: successful completion of a 3 credit-hour European studies research project conducted under the supervision of a

faculty member associated with the European studies certificate program. A Substantial Research Paper (SRP) or graduate independent study may be used to fulfill this requirement.

Course Requirements

- 18 credit hours of approved European studies related graduate coursework including study abroad or approved internship with a European focus, and a 3 credit hour capstone. Students should take at least one course outside of their main area, discipline, or field.

Graduate Certificate in Global Information Technology

This interdisciplinary certificate gives students the skills and knowledge to work in organizations that support information technology globally. It is designed for professionals who work across many locations and professionals in international organizations, governments, and nongovernmental organizations with responsibility for strategy, policy, and implementation of information technology in developing and emerging economies. There are special opportunities for studying cross-national virtual collaboration.

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution and preferably at least one year of work experience. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15.5 credit hours of approved coursework with at least 6 credit hours at the 600-level or above and grades of B or above

Grades of B- or lower in this certificate program's courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- ITEC-630 Business Process Analysis (3)
or
ITEC-643 Project Management (3)
- 4.5 credit hours from approved ITEC-5xx, 6xx, or 7xx courses

- SIS-628 Advanced Topics in International Communication: Global Knowledge Economy (3)
or
SIS-644 Communication and Social and Economic Development (3)
- SIS-633 Selected Topics in International Communication (1) (taken twice for a total of 2 credit hours)
- SIS-642 Intercultural Relations (3)

Graduate Certificate in International Arts Management

Administered jointly by the School of International Service and College of Arts and Sciences (Department of Performing Arts), this certificate is a symbol of professional achievement widely recognized by international organizations, non-profit agencies, and corporate and government employers. The program is designed for individuals who want an advanced academic credential without necessarily enrolling in a degree program.

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit all official transcripts along with a one-page statement of purpose. International students whose native language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing Systems (IELTS) unless they hold a degree from a US-accredited institution prior to enrollment at American University. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 18 credit hours of approved coursework with grades of C or better, with at least 6 credit hours at the 600-level or above. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

International Communication

- SIS-628 Advanced Topics in International Communication: Public Diplomacy (3)
- SIS-642 Intercultural Relations (3)
- SIS-645 International Communication and Cultural Policy (3)

Arts Management

- PERF-570 Survey of Arts Management (3)
- PERF-690 Independent Study in the Performing Arts (3)
- PERF-596 Selected Topics: Non-recurring (3) (approved topic)

Graduate Certificate in International Economic Relations

This program is administered jointly by the School of International Service and the College of Arts and Sciences (Department of Economics).

Admission to the Program

Open to students with a bachelor's degree from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose. For international students whose first language is not English, a score of at least 550 (213 on the computer version) on the Test of English as a Foreign Language (TOEFL) is required.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above, with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

Core (9 credit hours)

- ECON-603 Introduction to Economic Theory (3)
(students with sufficient background in economics may substitute an additional economics course from the list of electives, below)
- ECON-670 Survey of International Economics (3)
or
SIS-616 International Economics (3)
- SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3)
or
STAT-514 Statistical Methods (3)

Electives (6 credit hours)

- 3 credit hours from the following:
ECON-551 Comparative Economic Systems (3)
ECON-552 Economics of Transition (3)
ECON-658 Economics of the World Regions (3) (topics)
ECON-661 Survey of Economic Development (3)
- 3 credit hours from the following:
SIS-619 Special Studies in International Politics:
 Global Economic Governance (3)
 International Political Economy (3)
SIS-630 Economic Policy in the European Union (3)
SIS-665 International Trade Relations (3)
SIS-666 International Financial Relations (3)

Graduate Certificate in Peacebuilding

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a US-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

The certificate includes three concentrations—conflict resolution, conflict and development, and human rights—corresponding to summer institutes. Institute courses cover both theory (concepts, models) and practice (analytical and behavioral skills) necessary for professional practitioners. Students must complete at least one summer institute to fulfill the requirements of the certificate.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

Conflict Resolution

Core Courses (6 credit hours)

- 6 credit hours from the following or other topics courses, as approved by the program director:
SIS-516 Peacebuilding in Divided Societies (3)
SIS-609 Conflict Analysis and Resolution: Theory and Practice (3)
SIS-619 Special Studies in International Politics:
 Post-War Peacebuilding (3)
 Addressing Protracted Ethnopolitical Conflict (2)
SIS-647 Governance, Democracy, and Development (3)

Elective Courses (9 credit hours)

- 9 credit hours from the following or other topics courses, as approved by the program director:
SIS-516 Peacebuilding in Divided Societies (3) (if not used to fulfill core requirement)
SIS-517 Gender and Conflict (3)
SIS-606 Culture and Peace and Conflict Resolution: Alternatives to Violence (3)
SIS-611 International Negotiation (3)

- SIS-619 Special Studies in International Politics:
 Post -War Peacebuilding (3) (if not used to fulfill core requirement)
 Religion and Culture in Conflict Resolution (3)

Conflict and Development

Core Courses (6 credit hours)

- 6 credit hours from the following or other topics courses, as approved by the program director:
 SIS-516 Peacebuilding in Divided Societies (3)
 SIS-540 Conflict and Development (3)
 SIS-619 Special Studies in International Politics:
 Post -War Peacebuilding (3)
 Linking Conflict, Aid, and Development (2)
 SIS-647 Governance, Democracy, and Development (3)

Elective Courses (9 credit hours)

- 9 credit hours from the following or other topics courses as approved by the program director:
 SIS-516 Peacebuilding in Divided Societies (3) (if not used to fulfill core requirement)
 SIS-539 Comparative Development Strategies (3)
 SIS-619 Special Studies in International Politics:
 Post -War Peacebuilding (3) (if not used to fulfill core requirement)
 Program Design: Planning Projects to Evaluate Impact (2)
 Youth Participation in Peacebuilding (2)
 SIS-637 International Development (3)

Human Rights

Core Courses (6 credit hours)

- 6 credit hours from the following or other topics courses, as approved by the program director:
 SIS-516 Peacebuilding in Divided Societies (3)
 SIS-619 Special Studies in International Politics:
 Post -War Peacebuilding (3)
 Human Rights Advocacy Workshop (2)
 Applying International Human Rights Law (1)
 SIS-622 Human Rights (3)
 SIS-647 Governance, Democracy, and Development (3)

Elective Courses (9 credit hours)

- 9 credit hours from the following or other topics courses, as approved by the program director:
 SIS-596 Selected Topics: Non-recurring (1-6) (approved topic)
 SIS-603 Special Institute in International Affairs:
 Disadvantaged Groups: Conflict Scenarios (2)
 Managing Human Rights NGOs (1)
 SIS-619 Special Studies in International Politics:
 Human Rights and U.S. Foreign Policy (3)
 Introduction to Human Rights Methodology (1)

Graduate Certificate in The Americas

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- One of the following:
 ANTH-639 Culture Area Analysis (3) (approved topics)
 HIST-640 Latin American Studies (3) (topics)
 SIS-676 Selected Topics in Cross-National Studies:
 Americas in Comparative Perspective (3)
 SPAN-554 Classics of Latin American Literature (3) (topics)
- 12 credit hours from the following or other approved courses:
 GOVT-550 Politics in Cuba
 SIS-577 International Relations of the Americas (3)
 SIS-579 Selected Regional and Country Studies (3) (topics)
 SIS-582 United States Policy toward Latin America (3)
 SIS-618 Topics in North American Studies (3)
 SPAN-559 Colloquium on Latin America (3) (topics)
 SPAN-656 Spanish Topics (3)
 SPAN-658 Introduction to Spanish Translation (3)
 SPAN-659 Advanced Spanish Translation (3)
 SPAN-705 Seminar in Spanish and Latin American Studies (3) (topics)

Graduate Professional Development Certificate in Comparative and Regional Studies

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a US-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-672 Theories of International and Comparative Studies (3)
or
Other approved major field course
- 12 credit hours as approved by advisor

Graduate Professional Development Certificate in Global Environmental Policy

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-660 Environment and Politics (3)
or
Other approved major field course
- 12 credit hours as approved by advisor

Graduate Professional Development Certificate in International Communication

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-640 International Communication (3)
or
Other approved major field course
- 12 credit hours as approved by advisor

Graduate Professional Development Certificate in International Development

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-637 International Development (3)
or
Other approved major field course
- 12 credit hours as approved by advisor

Graduate Professional Development Certificate in International Economic Policy

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of

the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-616 International Economics (3) (prerequisite: ECON-603 or equivalent)
or
Other approved major field course
- 12 credit hours as approved by advisor

Graduate Professional Development Certificate in International Peace and Conflict Resolution

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-607 Peace Paradigms (3)
or
Other approved major field course
- 12 credit hours as approved by advisor

Graduate Professional Development Certificate in International Politics

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-601 Global International Relations Theory (3)
or
SISG-760 International Studies: History, Theory, Practice (3)
or
Other approved major field course
- 12 credit hours as approved by advisor

Graduate Professional Development Certificate in United States Foreign Policy

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution. Applicants must submit their official transcripts along with a one page statement of purpose.

Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a U.S.-accredited institution before enrollment at SIS. The minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0.

Certificate Requirements

- 15 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better.

Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements,

although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- SIS-583 United States in World Affairs (3)
or
Other approved major field course
- 12 credit hours as approved by advisor

Doctor of Philosophy (PhD) International Relations

The Doctor of Philosophy in International Relations program is designed to enable students to produce knowledge for careers in university teaching and research, government, and non-governmental organizations both in the United States and internationally. The curriculum is intended to provide training in international relations that is both multi-disciplinary and policy-relevant. The core courses in international relations, comparative social theory, comparative and regional studies, and methodology provide a foundation that allows students considerable flexibility to pursue additional coursework, research, and writing in international affairs. Major emphasis is placed on research and all students are required to successfully defend an original dissertation of their own design that makes a contribution to knowledge in their chosen area. In addition to completing the dissertation, students are encouraged to present conference papers, engage in collaborative work with faculty members, and submit articles to refereed journals.

Admission to the Program

Applicants for the PhD degree program must hold an accredited bachelor's or master's degree, or its equivalent, in a field related to international relations. Applicants must have a prior cumulative grade point average that is substantially above B (3.00 or higher on a 4.00 scale) for coursework relevant to international relations.

The program is designed for study on a full-time basis. Applicants for the PhD degree are considered and admitted only for the fall semester each year. The school does not permit students to begin their doctoral work in the spring. Deferral of matriculation in the PhD program is not permitted. In order to be considered for fall admission, applications and all supporting materials must reach the SIS Graduate Admissions Office no later than December 15.

All applicants are required to submit results of the Graduate Record Examination (GRE). Non-native English speakers are required to submit results of the Test of English as a Foreign Language (TOEFL) or the International English Language Testing System (IELTS) unless they hold a degree from a US-accredited institution before enrollment at SIS. The mini-

minimum TOEFL score for full admissions consideration is 100 on the Internet-based test (iBT) or 600 on the paper-based test (PBT). The minimum IELTS score is 7.0. Applicants should plan to take the appropriate test well in advance of the December 15 deadline.

All applicants must submit at least three letters of reference which evaluate their suitability for undertaking doctoral study in international relations. At least one of those letters must assess their academic performance. Cultural factors are considered in making admissions decisions and in evaluating transcripts and examination results.

Doctoral students may transfer up to 6 credit hours of previous graduate coursework earned at accredited institutions with a minimum grade of B in each course. Such credits must have been earned within five years of admission and must be relevant to a student's program of study. Requests for transfer of graduate credit are considered during the student's first term.

Degree Requirements

- *Coursework credits and dissertation.* The student must complete 39 credit hours of approved graduate coursework, plus the successful defense of a dissertation. A minimum grade point average of 3.00 in all coursework is required to remain in good academic standing and to earn the degree.
- *Proficiency in a modern foreign language.* The student must demonstrate research competence in English and another modern foreign language relevant to the student's career objectives. Prior to advancing to candidacy, the student must be certified in this foreign language by presenting evidence of previous coursework or successfully completing the required competency exam.
- *Satisfactory completion of two comprehensive examinations, each of which has a written and oral component.*

The first examination is a *qualifying examination*, and both the written and oral components are normally taken at the end of the first year. The qualifying exam requires the demonstration of competency in theoretical, epistemological, and methodological literature and issues in international relations, comparative social theory, and comparative and regional studies. These areas are addressed in the core seminars that students normally complete during their first year of residence, although the scope of the examination is not limited to topics covered in the seminars.

The second examination is in a student's chosen field of specialization. This *written and oral field examinations* evaluates the student's preparation in a major field of study selected by the student from the graduate concentrations offered by the School of International Service as PhD-level fields of study. With the permission of the SIS Director of Doctoral Studies and the advice of at least three qualified scholars, the student may also construct a special field. Two of these scholars must be members of the American University faculty; all three must agree in writing to serve on an examining committee. The written and oral field examination is normally given at the end of the second year and requires the demonstration of competency in the theoretical, epistemological, and methodological literatures

from that field. To prepare for this examination, the student must have successfully completed three courses in the field of concentration, as well as master additional literature, as identified by SIS and associated faculty in that major field.

A student who fails a comprehensive examination may apply to the SIS Director of Doctoral Studies for one additional attempt. If approved, the retake of the exam should occur within six months of the date of the first attempt. Students who fail a retake attempt will be dismissed from the doctoral program.

- *Pass an oral defense of a dissertation prospectus.* A student must write and defend a dissertation prospectus that provides a justification for the dissertation research, reviews relevant literature, identifies relevant theoretical, epistemological, and methodological issues, and provides a detailed research design, including a timetable for completion of the work.

The SIS Director of Doctoral Studies chairs the prospectus defense. The examiners also include the student's dissertation committee, which is comprised of a minimum of three members, one of whom serves as chair and as the primary supervisor of the dissertation research. It is the responsibility of the student to secure the agreement of a full-time tenured member of the School of International Service faculty to serve as the chair of his or her dissertation committee. At least two members of the dissertation committee must be full-time, tenure-line members of the American University faculty. The members of the committee must be approved by the SIS Director of Doctoral Studies and the American University Doctoral Council.

Students are normally expected to complete their prospectus defense no later than the end of the sixth semester after entering the program. For details on scheduling comprehensive examinations and examination procedures, consult the director of the PhD program or the SIS Graduate Office.

- *Advancement to candidacy.* To be advanced to candidacy, students must remedy any deficiencies specified at the time of admission, complete all coursework, be certified as proficient in a modern foreign language in addition to English, have passed their written and oral examinations, have submitted certification of completion of Responsible Conduct of Research training, and have successfully defended their dissertation prospectus.
- *Completion of the doctoral dissertation and successfully defend that dissertation in an oral examination.* The dissertation must consist of high quality original research, directly relevant to the student's doctoral program. This dissertation is defended orally before the student's dissertation committee. At the time of the defense, one additional member will join the committee as an outside reader and for the purposes of providing a review of the dissertation to determine if it meets general standards in the field, but not necessarily to critique the work in detail. The entire American University community is also invited to the oral examination, customarily with two weeks prior notice.

Students must present a completed draft of their dissertation for defense. They are responsible for ensuring that the final draft of their dissertation meet university style requirements. Dissertations must be approved by the dean of the School of International Service.

Statute of limitations: American University's *Academic Regulations* provide that all work for the doctorate must be completed in no more than nine years after the date of first enrollment as doctoral student. Prior to the expiration of that time limit, a student may petition for an extension of candidacy. Under compelling circumstances, students may apply for one-year extensions beyond the expected time to degree, with a maximum of three extensions. Students must petition the SIS Director of Doctoral Studies for each one-year extension; each extension must also be approved by the SIS Associate Dean for Faculty Affairs and Graduate Education and the Vice Provost for Graduate Studies and Research.

Course Requirements

Core Theory Courses (12 credit hours)

- SIS-801 Schools of Thought in International Relations (3)
- SIS-802 Comparative and Regional Studies (3)
- SIS-803 Advanced Seminar in International Relations (3)
- SIS-804 Social Theory in Comparative and International Perspective (3)
- Approved non-credit proseminar in theory, research and policy (0) (meets biweekly for two semesters)

Social Science Research Methodology (12 credit hours)

- SIS-806 Quantitative Methods in International Relations (3)
- SIS-807 Qualitative Methods in International Relations (3)
- SIS-808 Policy Analysis for International Affairs (3)
- SIS-809 Seminar on Advanced Research Design (3)

Field Requirements (9 credit hours)

- Each student must identify a major field of concentration from among those offered by SIS or, in consultation with the Director of Doctoral Studies (as specified above), construct one of their own. Specific course requirements as well as additional preparation for the field examinations are determined by each field. Fields of concentration include Comparative and Regional Studies; Global Environmental Policy; Global Governance, Politics, and Security; International Communication; International Development; International Economic Relations; International Peace and Conflict Resolution; and United States Foreign Policy and National Security.

Elective Courses (6 credit hours)

- Two additional courses that are relevant to a student's program of study and approved by the SIS Director of Doctoral Studies

Research and Writing Requirement

- A student is required to maintain full-time status until they successfully defend a dissertation. Upon advance to candidacy, a student maintains enrollment status by registering for SIS-899 Doctoral Dissertation. For each semester, up to 9 credit hours of SIS-899 is priced at the equivalent of one graduate credit hour.

School of Professional and Extended Studies

Dean Carola Weil

Associate Dean of Academic Programs Diane Lowenthal

Associate Dean of Faculty Eleftherios Michael

Assistant Dean of Student Services

Donna Chapman Williams

Director of Administration and Financial Operations

Dori O'Donnell

Director of Enrollment Management Michelle Lockhart

Director of Extended Studies Donelle Broskow

Director of Professional Studies Don Blohowiak

Director of Washington Semester Programs Leroy Miller

Full-Time Faculty

Assistant Professor S. Bates, J. Calabrese, J. Crouch,

J. Fabrikant, D. Freeman, H. Heckel, G. Klein, I. Krasnow,

K. Kravetz, D. Lowenthal, C. Maisch, N. Mehta, L. Miller,

M. Nimer, B. Peters, I. Pyc, R. Semiatin, B. Siman-Zakhari,

J. Sosland, D. Whitman

Professorial Lecturer E. Michael

Instructor I. Fried

The newly created School of Professional and Extended Studies (SPExS) expands upon the mission of the existing Washington Semester Program, and includes other unique edu-

cational programs for pre-college, undergraduate, and post-baccalaureate students, and professionals. The School's programs advance experiential learning, offer professional development opportunities, and promote intellectual growth driven by market demands and technological innovations. The School's creative and academically sound programs combine both traditional and non-traditional curricula that enable students to gain new skills and ways of thinking for innovative learning, personal growth, and career redesign.

While building upon the solid foundations of its existing programs, the new School of Professional and Extended Studies will develop new programs that meet the educational needs of pre-college students, undergraduate and graduate students within and outside the United States, and working professionals. SPExS offers degree credit, certificate, non-credit, as well as short-term continuing education opportunities for traditional and non-traditional learners. Through educational partnerships, the School develops customized training programs to meet the specific needs of business, industry, organizations, and government agencies.

For more information about the School of Professional and Extended Studies and its programs, please call 202-895-4900 or 800-424-2600, e-mail spexs@american.edu, or visit www.american.edu/spexs/.

Graduate Gateway Program

The Graduate Gateway Program is a one-semester program offered each fall and spring that introduces students to graduate level coursework and internships in DC in their respective field. The program is designed for students who have already completed a bachelor's degree and are looking to start their careers, or to prepare to begin a graduate degree program while making connections in the field of Applied Politics, News Media, Global Business, and International Affairs. Students take 7 credits of graduate level coursework in one of four tracks while interning and networking in their field:

- Seminar course in a related field (3 credits)
- Internship (1 credit)
- Approved graduate-level elective course (3 credits)

For more information, contact 202-895-4859, e-mail gradgate@american.edu, or go to: www.american.edu/spexs/grad.

Applied Politics

The Applied Politics track provides students an inside look at the theory and the practice of American politics. The program focuses on recognizing the key participants in—and the forces that influence—the American political environment. Through class sessions and meeting with experts in the fields, students have the opportunity to apply and test their knowledge in a real-world environment. This program helps to prepare students for a Master's degree in political science, public policy, or public administration, introduces them to the professional world of policy-making, and provides valuable professional connections in the field.

Course Requirements

- GOVT-689 Seminar in Applied Politics (3)
- WSEM-691 Washington Semester Internship: Applied Politics Internship (1)
- Approved graduate-level elective from School of Public Affairs (3)

Changing World of News Media

The Changing World of News Media track allows students to explore the transformation of the news media through interaction with innovative news media and communications professions through the study of topics such as online media and the blogosphere, politics and the press, and changing field of television news, and the increase in the reporting of inflammatory and opinionated issues. The program provides students with the foundation for a Master's degree in communication, public affairs and related fields, knowledge of the professional world of strategic communications, and valuable connections in the field.

Course Requirements

- COMM-535 Special Topics in News Media: The Changing World of News Media (3)
- WSEM-691 Washington Semester Internship: Communication and New Media Internship (1)
- Approved graduate-level elective from School of Communication or other AU graduate programs (3)

Global Business and Trade

The Global Business and Trade track provides students with career-related, on-the-job experience in a professional environment. The program focuses on the practical side of business operations and Washington policy-making and implementation in the field of international business and economic analysis. This program strengthens students' understanding of the importance of global business and the political-economics of international economic policymaking, and facilitates valuable professional connections, preparing students to begin related careers or graduate degree programs.

Course Requirements

- IBUS-619 Seminar in Global Business and International Trade (3)

- WSEM-691 Washington Semester Internship: Global Business and Trade Internship (1)
- Approved graduate-level elective from Kogod School of Business or other AU graduate programs (3)

International Affairs

The International Affairs track offers students an advanced introduction to the main fields of graduate study in International Relations, as well as provides exposure to experts in the fields of foreign policy, international politics, comparative and regional studies, international law and organizations, and other related fields. This intensive immersion in theory and practice through experiential education and active learning allows students to explore relevant career opportunities, while sharpening their academic and professional skills.

Course Requirements

- SIS-619 Special Studies in International Politics: Seminar in International Affairs (3)
- WSEM-691 Washington Semester Internship: International Affairs Internship (1)
- Approved graduate-level elective from School of International Service or other AU graduate programs (3)

Biotechnology

The Biotechnology track provides students the opportunity to work on projects that focus on scientific innovation while taking applied science classes to serve as a foundation for graduate program applications, while gaining exposure to one of the fastest growing career fields.

The program has two unique study tracks, which alternate between the fall and spring semesters. All courses serve as a foundation to the MS in Professional Science: Biotechnology program of American University's College of Arts and Sciences.

Course Requirements

Fall Semester Study Track

- BIO-583 Molecular Biology (3)
- BIO-697 Research Methodology in Biology (3)
or
PSM-601 The Science of Science Writing (3)
- WSEM-691 Washington Semester Internship: Internship in Biotechnology (1)

Spring Semester Study Track

- BIO-589 Biotechnology (3)
or
STAT-514 Statistical Methods (3)
- PSM-620 Regulatory Science for Medical Product Development (3)
- WSEM-691 Washington Semester Internship: Internship in Biotechnology (1)

International Gateway Program

Undergraduate

The undergraduate International Gateway Program (IGP) is a 14-credit, one semester, academic bridge program designed specifically for AU students offered conditional admission. IGP provides students with a full immersion into U.S. academic culture and teaches the critical academic reading, writing, and oral communication skills needed for international students to be successful at AU. Students who successfully complete IGP will be admitted and enrolled in their program the following semester.

Course Requirements

Note: The list below represents tentative course titles pending final approval.

- Principles and Approaches to Undergraduate Academic Written Communication (3)
- Principles and Approaches to Undergraduate Academic Oral Communication (3)
- The Culture of U.S. Higher Education (3)
- Post-WWII American Film Studies (2)
- Approved undergraduate elective course (3)

For more information, contact IGP at 202-895-4919, email igp@american.edu, or go to: www.american.edu/spexs/igp.

Graduate

The graduate International Gateway Program (IGP) is a one semester, academic bridge program designed specifically for students who have been admitted to one of American University's graduate programs. IGP provides students with a full immersion into U.S. academic culture, sharpens all aspects of their communication abilities, and builds the necessary confidence and skills to succeed in graduate-level study and research. Students must successfully complete the three required prerequisite IGP courses by earning a B or better to continue in their graduate program.

Course Requirements

Note: The list below represents tentative course titles pending final approval.

- Principles and Approaches to Graduate Academic Written Communication (3)
- Principles and Approaches to Graduate Academic Oral Communication (3)
- The Culture of U.S. Higher Education for Graduate Students (3)

For more information, contact IGP at 202-895-4919, email igp@american.edu, or go to: www.american.edu/spexs/igp/IGP-Graduate.cfm.

Washington Access Internships

Washington Access Internships (WAI) program offers students from historically underrepresented communities and others an opportunity to build leadership skills in Washington, D.C. Students gain access to future career paths through full-time internships, courses focused on cross-cultural communication as well as professional development, extracurricular activities, and linkages with peers and mentors through net-

working. WAI also connects employers in federal agencies, private firms and not-for-profit organizations with a highly diverse and inclusive group of future leaders.

While holding a full time academically supervised internship, students earn 6 credits during the summer term or 12 credits during the fall or spring semester.

Washington Internships for Native Students (WINS)

The Washington Internships for Native Students (WINS) offers American Indian/Alaska Native/Native Hawaiian (AI/AN/NH) students the opportunity to build leadership skills while living, studying, and interning in Washington, DC. Developed in response to the White House Initiative on American Indians and Alaska Natives, this enriching program offers qualified students full scholarships funded by American University and sponsoring organizations. Participating students gain professional work experience through interning at a federal agency or private firm, take academic courses focusing on Native

American public policy concerns, and enjoy engaging social and cultural extra-curricular activities.

While working full-time for a government agency or private firm in an academically supervised internship, students earn 6 credits in the summer term (12 credits during the fall and spring semester programs). In addition to making connections in DC, participants meet other AI/AN/NH students from across the country through the full support of a multi-cultural campus environment.

For more information, contact 202-885-5934, e-mail wins@american.edu, or go to: www.american.edu/spexs/wins/.

Washington Mentorship Program

This 15-credit fall semester program gives students admitted as spring freshmen an insider's perspective on Washington, DC. Based on the highly successful academic model of AU's Washington Semester Program, the Washington Mentorship Program is grounded in the best practices of experiential and traditional academic learning. All academic credits earned for successfully completed courses in this program are AU credits that apply to the student's degree program, allowing the student to graduate in four or fewer years.

As members of the AU community, students have the opportunity to enjoy the full college experience, including participating fully in college classes, living in a residence hall room, eating in a dining hall, getting involved in events and activities

on campus, and having full access to all university services, facilities, and resources. Students take 15 credits of undergraduate level coursework, including:

- LIT-100 College Writing (3)
- GOVT-110 Politics in the United States (3)
- SISU-140 Cross-Cultural Communication (3)
- WSEM-120 Mentored Field Practicum (3)
- Approved undergraduate-level elective course (3)

For more information, contact 202-895-4936, e-mail mentorship@american.edu, or go to: www.american.edu/spexs/mentorship.

Washington Semester Program

Established in 1947, the Washington Semester Program offers several programs of study for which Washington, DC provides a unique perspective. More than 200 colleges and universities are associated with the program and each semester approximately 300 students from across the country and around the world come to American University for programs that feature seminars with key figures in the fields of American Politics, Foreign Policy, Global Economics and Business, International Environment and Development, International Law and Organizations, Journalism and New Media, Justice and Law, the Middle East and World Affairs, Peace and Conflict Resolution, and Transforming Communities.

The Washington Semester Program experience includes 8 credits of seminar, 4 credits of internship, and 3-4 credits of research or elective course.

For more information on Washington Semester programs, call 202-895-4900 or 800-424-2600, e-mail: washsem@american.edu or go to: www.american.edu/spexs/washingtonsemester.

American Politics

Study the main institutions, processes, and issues of the American political system. Learn about the polarization of the two-party system and its impact on the relationship between the executive and legislative branches. Debate the proper role of the courts in law and politics and learn the inner workings of managing electoral campaigns.

Course Requirements

- GOVT-410 Washington Semester in American Government and Politics Seminar I (4)

- GOVT-411 Washington Semester in American Government and Politics Seminar II (4)
- GOVT-412 Washington Semester in American Government and Politics Research Project (4)
or
Approved elective course
- GOVT-416 Washington Semester in American Government and Politics Internship (4)

Foreign Policy

Explore emerging international issues and foreign policy challenges such as the global struggle against terrorist organizations, the growing number of failed states, ethnic and regional conflicts in the Middle East and elsewhere, as well as the reshaping of NATO and the United Nations to address the problems of the early 21st century.

Course Requirements

- SIS-491 International Politics and Foreign Policy Seminar I (4)
- SIS-492 International Politics and Foreign Policy Seminar II (4)
- SIS-493 International Politics and Foreign Policy Research Project (4)
or
Approved elective course
- SIS-497 International Politics and Foreign Policy Internship (4)

Global Economics and Business

The Washington Global Economics and Business Semester Seminar is an intensive examination of international trade, global economic policy, and international business practices. The heart of the seminar is on-site discussions with economic, business, and trade policy decision makers and policy analysts. Academic focus is on global economic, business, and trade policy. This program draws on the unique environment of Washington, DC to introduce students to governmental policymaking as it relates to international and domestic economic, business, and trade policy. Discuss business and trade with corporate executives, and US and foreign government officials in their offices at corporations and embassies. To gain a true international perspective, spend thirteen weeks in Washington, DC to introduce students to governmental policymaking as it relates to international and domestic economic, business, and trade policy. Discuss business and trade with corporate executives, and US and foreign government officials in their offices at corporations and embassies. To gain a true international perspective, spend thirteen weeks in Washington, followed by three weeks abroad. This program offers DC-only or DC + China options (fall semester) or DC + Europe options (spring semester).

Course Requirements

- IBUS-420 International Business and Trade Seminar I (4)
 - IBUS-421 International Business and Trade Seminar II (4)
 - IBUS-422 International Business and Trade Research Project (4)
- or*
- Approved elective course
- IBUS-423 International Business and Trade Internship (4)

International Environment and Development

Spend time in Washington studying global environmental policy issues and the roles of major international organizations, then travel to Costa Rica or elsewhere to study those issues at the national and local levels.

Course Requirements

- SIS-471 International Environment and Development Seminar I (4)
 - SIS-472 International Environment and Development Seminar II (4)
 - SIS-473 International Environment and Development Research Project (4)
- or*
- Approved elective course
- SIS-474 International Environment and Development Internship (4)

International Law and Organizations

Explore the nature of international law in interstate relations and the structure and operations of major global organizations. Study the role that international law and organizations play in areas such as peaceful resolution of disputes, adjudication of international judicial cases, global security and terrorism, international trade and economic development, the environment, human rights, and humanitarian assistance. In addition to time in Washington, students visit the United Nations in New York City, the International Court of Justice at The Hague, as well as NATO and the European Union in Brussels.

Course Requirements

- SIS-450 International Law and Organizations Seminar I (4)
 - SIS-451 International Law and Organizations Seminar II (4)
 - SIS-452 International Law and Organizations Internship (4)
 - SIS-453 International Law and Organizations Research Project (4)
- or*
- Approved elective course

Journalism and New Media

Study the theory and practice of print and broadcast journalism in Washington, DC, the news media center of the United States. Meet a diverse pool of national and local media figures, including newspaper and wire-service reporters, magazine editors, television and radio personalities, public relations executives, and political press secretaries. Explore the impacts of online news sources and new social media such as blogs, Twitter, and Facebook on the creation and dissemination of news. Open to students of all majors, this program attracts many who have studied communications, English, and print/broadcast media. *Note:* This program is not open to American University communication majors.

Course Requirements

- COMM-450 Washington Journalism Semester Seminar I (4)
 - COMM-451 Washington Journalism Semester Seminar II (4)
 - COMM-452 Washington Journalism Semester Internship (4)
 - COMM-490 Independent Study Project in Communication: Journalism Semester Research Project (4)
- or*
- Approved elective course

Justice and Law

Through discussions with policy makers, legal experts, law enforcement officials, psychologists, and other specialists in criminal justice, students gain exposure to all sides of the current issues facing the public law, law enforcement, and administration of justice professions. Topics may include the institutions and processes of the legislative branch, the judicial branch, civil liberties and civil rights, criminal and civil justice, morality and justice, and the use of the legal system to define and enforce justice. Internships at the US Departments of Justice and Homeland Security are a special feature.

Course Requirements

- JLS-492 Washington Justice Seminar I: A National and Intergovernmental Perspective (4)
- JLS-493 Washington Justice Seminar II: A National and Intergovernmental Perspective (4)
- JLS-490 Independent Study Project in Justice (4)
or
Approved elective course
- JLS-491 Internship in a Justice Setting (4)

The Middle East and World Affairs

Experience a semester of seminars and guest lecturers that provide an in-depth understanding of the Middle East and its role in international relations. Students develop expertise in the domestic political systems of the countries of the Middle East as well as in the geopolitics of this crucial region. They also strengthen professional skills, and gain valuable political experience from an internship at a key professional organization working on issues related to the Middle East. Students emerge with practical knowledge about effective cross-cultural communication and a better understanding of approaches to complex policy making. The program includes a field practicum study trip to the Middle East.

Course Requirements

- SIS-319 Topics in International Relations: Middle East and World Affairs Seminar I (4)
- SIS-319 Topics in International Relations: Middle East and World Affairs Seminar II (4)

- SIS-391 Internship in International Affairs: Middle East and World Affairs Internship (4)
- SIS-490 Independent Study in International Relations: Middle East and World Affairs Research Project (4)
or
Approved elective course

Peace and Conflict Resolution

Explore social and political conflicts around the world, with an emphasis on conflict resolution models and peacemaking initiatives between people, communities, and nations. In addition to study in Washington, DC, students go on field practicum study trips to Serbia, Croatia, Bosnia (fall semester) or Greece and Turkey (spring semester) to examine how the theories learned work in real-world situations.

Course Requirements

- SIS-486 Peace and Conflict Resolution Seminar I (4)
- SIS-487 Peace and Conflict Resolution Seminar II (4)
- SIS-488 Peace and Conflict Resolution Research Project (4)
or
Approved elective course
- SIS-489 Peace and Conflict Resolution Internship (4)

Transforming Communities

Washington, DC is a distinctive learning laboratory for exploring how leadership, grassroots action, advocacy, litigation, and government programs can improve communities. The program focus is urban political and social change and is intended for students who want to be change agents.

Course Requirements

- GOVT-417/JLS-464 Transforming Communities Seminar I (4)
- GOVT-418/JLS-465 Transforming Communities Seminar II (4)
- GOVT-419/JLS-466 Transforming Communities Research Project (4)
- GOVT-420/JLS-467 Transforming Communities Internship (4)

Washington Summer Internship

Students gain hands-on skills interning four and a half days per week for nine weeks for a professional organization in Washington, DC and augment their experiences through a seminar in their field of study that meets one half-day per week. Taught by American University faculty members, the seminar course gives students an overview of their area of interest from a Washington perspective and introduces them to important decision makers. Internships are available in several fields includ-

ing American politics, economics and international business, international affairs, journalism and new media, justice and law, and communities and social change. This is a 3-credit internship program with the option to enroll in an additional 3-credit research project course.

For more information, contact 202-895-4900 or 800-424-2600, e-mail summerintern@american.edu, or go to: www.american.edu/spexs/summerintern/.

School of Public Affairs

Dean Barbara S. Romzek

Associate Dean Margaret A. Weekes

The School of Public Affairs is committed to education and research programs in the field of public affairs. An interest in public affairs reflects a concern for people and how they interact with government institutions and political and legal systems. Students are able to pursue this interest through a comprehensive educational experience that includes classroom instruction, individual research, and practical professional training. Through its three departments—the Department of Government, the Department of Justice, Law and Society, and the Department of Public Administration and Policy—the school provides a comprehensive and unified approach to the study of public affairs in the United States and around the world. Each program is designed to focus on specific career interests, including careers in government and not-for-profit organizations, but all are multidisciplinary, issue and policy oriented, and adapted to Washington’s unique educational opportunities.

Washington is an ideal location for studying public affairs. As the site of national government and as a world capital, the city provides students with vivid evidence of the interrelationships of domestic and international politics. Students can observe first hand the political, economic, and environmental forces shaping public affairs and public policy. As an integral part of the curriculum, internships in private and public organizations lend a practical dimension to the academic programs and provide the opportunity to interact with policy makers. Washington’s facilities for scholarly research and personal enrichment include such government institutions as the Library of Congress, the National Archives, and the Smithsonian Institution, as well as many departmental and agency libraries.

The school has more than 50 active full time faculty members including both nationally and internationally recognized scholars and others distinguished by their public service. Augmenting the full time faculty is an adjunct faculty of eminent government officials and public affairs practitioners who bring to the classroom the special insights acquired in their professional experience.

Drawing on the facilities of the university, the Consortium of Universities of the Washington Metropolitan Area, and the Washington community, the School offers a unique combination of resources for study and practical experience in the field of public affairs. The school’s comprehensive range of academic and professional programs leads to degrees at the bachelor’s, master’s, and doctoral levels.

Undergraduate Programs

Undergraduate students may plan their academic programs to meet personalized learning objectives. Recognizing that a multidisciplinary education is required to meet the ever changing nature of the public affairs profession, advisors encourage students to take courses in other academic units.

Politics, Policy and Law Scholars Program

This rigorous program offers students the opportunity to complete the undergraduate degree in three years with a cohort of other motivated and passionate students dedicated to the study of politics, policy and law. The intensive year-round curriculum provides an added emphasis on analytical research and writing as well as enhanced experiential learning programming and faculty mentorship.

Students in the Politics, Policy and Law Scholars Program (PPL):

- Complete the undergraduate degree in three years;
- Take PPL core requirements as a cohort;
- Participate in year-round enrichment programs;
- Pursue summer experiential learning such as internships and study abroad;
- Develop advanced research and writing skills;
- Receive mentorship on academic and career goals;
- Receive support from program faculty, staff, and SPA alumni with career/internship placement.

Leadership Program

The SPA Leadership Program, a four-year undergraduate program, offers students the knowledge, skills, and experience to prepare them for leadership roles in public service. It is designed to develop a corps of students at American University who have the skills and commitment to make a positive difference in their communities and the world. The program creates a dynamic learning environment by bringing together students with shared interests and goals through its courses, seminars, community service projects, and activities.

Creating opportunities for experiencing first hand how our nation’s policy is developed and implemented, the program broadens students’ understanding of the nature of American politics. To prepare students for lifelong participation in all aspects of public service, the program fosters their leadership, teamwork, negotiating, communications, critical thinking, and organizational skills.

The Leadership Program is based on the belief that every person has leadership ability and that democracy requires responsible action by everyone, not just those in positions of authority. By teaching theories of leadership, the public

policy-making process, ethics, social justice, and community service, the program stresses the importance of principled, creative, results-oriented leadership based on core values.

Students who complete the 15-credit four-year program are awarded a Certificate in Advanced Leadership Studies. Incoming first-year students in the School of Public Affairs are invited to apply to the program. For more information, visit www.american.edu/spa/leadership.

Graduate Programs

The graduate degree programs in the School of Public Affairs serve a number of diverse educational needs. Most of our master's programs educate students for specific professional careers in government and other nonprofit organizations at local, state, and national levels. These programs emphasize managerial, analytical, and conceptual skills necessary for professional success and leadership in public service. Others provide students with a general understanding of the academic disciplines related to public affairs. Doctoral programs are designed to prepare qualified individuals for professional appointments in teaching, scholarly research, and executive management and are offered in political science, public administration, and justice, law and society.

Special Opportunities

Internships

The school encourages qualified students to work for course credit as interns in governmental, political, non-profit, and private organizations. These internships are designed to give students practical involvement in political processes or action programs. For example, a student might work for a member of Congress, the Department of State, the Department of Justice, or for other organizations directly concerned with public policy.

Independent Study

The School of Public Affairs encourages students to engage in independent study projects related to their fields of interest. These projects include reading, research, and field work in the Washington area arranged directly with a faculty member.

Study Abroad

AU Abroad offers the opportunity for students to study abroad and gain full American University course credit. All students are encouraged to learn and work in another culture. Students may spend a semester or year at prestigious universities in over 40 countries, spanning six continents. In addition, international study tours led by faculty members are offered during semester breaks and summer sessions. For more information and a full listing of AU Abroad programs, go to www.aubroad.american.edu/.

Educational Resources

Computer-aided instruction and research are encouraged and facilitated by a variety of technical resources. The university operates quantitative teaching and research laboratories to introduce students to the use of computers, statistics, and mathematical methods in social research and management applications. These labs are staffed with graduate assistants who tutor new users and provide professional consulting to experienced users.

Honorary Societies

The school recognizes both academic and professional achievement by students and alumni through membership in national honorary societies. Pi Sigma Alpha, the national political science honor society, founded in 1920, is open to selected seniors and graduate students majoring in political science or international relations.

Alpha Phi Sigma is the national honor society for criminal justice. It recognizes scholastic excellence by undergraduate and graduate students in the justice field. Sigma Phi Omega, the university's prelaw honor society, is open to all qualified undergraduate students, sophomore and above.

Pi Alpha Alpha is the national honorary society for public affairs and administration. The School of Public Affairs has one of the 18 charter chapters. Graduate students completing their programs are invited to join if they meet the academic standards set by the chapter.

Undergraduate majors are also eligible for Phi Beta Kappa.

Career and Professional Opportunities

A public affairs education prepares students for a variety of careers. Graduates serve public, non-profit, and private organizations where they assist in creating, analyzing, and/or implementing policy alternatives. Some teach public administration, political science, justice, public policy, and related courses at universities, colleges, or secondary schools. Others seek opportunities in private sector professions not formally related to their degree programs. Alumni are serving as city managers, lawyers, management analysts, investigators, legislative assistants, lobbyists, budget or systems analysts, newspaper editors, research associates, professors, policy analysts, and appointed and elected government officials.

Centers and Institutes

Center for Congressional and Presidential Studies

Founded in 1980, the Center for Congressional and Presidential Studies has become a focus of research and training in the Department of Government. A unique institution, the center brings together scholars, students, public officials, journalists, and leaders in public and private organizations to study Congress and the presidency through scholarly forums, colloquiums, and seminars on current topics.

The center's many activities provide an opportunity for graduate students to work on research projects, assist with publications, and gain valuable practical and scholarly experience.

Campaign Management Institute

This innovative institute was designed by the school's faculty, together with leading Democratic and Republican political managers and campaign consultants to serve as a foundation for students, campaign workers, political activists, and legislative staffers interested in campaign management.

The institute's intensive program covers campaign organization, strategy, research, fundraising, polling, paid media, earned media, general management, targeting, campaign law and ethics, computer technology, and get-out-the-vote initiatives. Through this program, many students have found placement in national, state, and local campaigns as well as in survey research and campaign management firms.

Public Affairs and Advocacy Institute

Modeled on the Campaign Management Institute, the Public Affairs and Advocacy Institute provides students with an intensive exploration into the art and craft of the lobbying profession. The format allows students to become immersed in the strategies and tactics of organized interests attempting to influence the federal policy-making outcomes and processes. In addition to the applied aspects of the lobbying profession, lobbying is placed in a more theoretical perspective by linking the real world of political influence with the issues of democratic political representation.

Women & Politics Institute

The Women & Politics Institute is dedicated to the advancement of the study and discussion of women and politics, the promotion of opportunities for women in politics, and the involvement of students, faculty, and political leaders in issues of concern to women. The institute's strategic location in Washington, DC allows students and faculty access to the resources of the nation's capital. Through workshops, seminars, and internships, participants have outstanding opportunities to pursue the study of women in the political and policy arenas.

Center for Democracy and Election Management

The Center for Democracy and Election Management (CDEM) was established by Dr. Robert Pastor in 2002 with three goals—training and education, applied research, and public engagement. Our broader goal is to pave the way for and strengthen democracy through improved electoral performance. CDEM's specific focus is to advance election management through election management training institutes, election observation missions, poll worker training, applied research, and public engagement both in the United States and overseas. Our threefold mission seeks to contribute to the practice, research, and debate on solutions to election management prob-

lems and the need for reform of democratic electoral institutions at home and abroad.

Center for Public Finance Research

Created in 2008, the Center for Public Finance Research (CPFR) offers research and education in public budgeting and finance, public financial management, public economics, and benefit-cost analysis at the local, regional, national, and international levels. CPFR takes advantage of its location to provide unique opportunities for American University students to observe how the public policy process works and to become actively involved in the development and formation of both local and national fiscal policy. CPFR activities include: (1) research of tax policy/administration and public expenditure management, (2) organization and hosting of international student/practitioner exchanges between American and overseas universities, and (3) provision of technical assistance and training to governments and NGOs in public budgeting and financial management topics.

Center for Environmental Policy

The purpose of the Center for Environmental Policy (CEP) is to evaluate and improve the capacity for environmental governance in the United States. CEP's work focuses on three themes: environmental innovation, partnerships and collaboration, and new and emerging challenges. The Center applies these themes to environmental issues in many ways. It sponsors lectures and programs to promote exchanges of ideas, experience, and research; convenes dialogue sessions for engaging varied interests and experts; and conducts research on how different institutional approaches, policy strategies, collaborative models, and implementation tools affect environmental outcomes. Focusing on its themes, the Center for Environmental Policy aims to improve the nation's ability to address these challenges through effective governance.

Department of Government

Chair Candice J. Nelson

Academic Advisors Robert Briggs, Matthew Le Brasseur, Briana Weadock, Nathan Williamson

SPA PhD Program Director Laura Langbein

Full-Time Faculty

Professor Emeritus J. Fishel, M. Greenberg, S.W. Hammond, J.J. Hanus, M. Meadows, E.V. Mittlebeeler, M.P. Walker

Distinguished Professor J.A. Thurber

Jonathan N. Helfat Distinguished Professor of

Political Science K. O'Connor

Professor T. A. Eisenstadt, G. Ivers, J. Lawless, J. Leighley, W.M. LeoGrande, D. Lublin, C.J. Nelson

Associate Professor Emerita C.A. DeGregorio

Associate Professor R.A. Lane, A. Levine, S. Newman, D. Singerman, P.L. Sykes, S. Taylor

Assistant Professor K. Cowell-Meyers, C. Edelson, G.B. Flanagan, S. Glover, A. LeBas, J. Lu, T. Merrill, D.C. Reed, E. Sherman, M. Wright, A. Yoshinaka

Professorial Lecturer R. Garrow, S.L. Houser

Distinguished Adjunct Professor in Residence J. Bond

The Department of Government makes use of the opportunities available from its location in the nation's capital for the teaching and study of political science and public affairs.

The department's undergraduate program focuses on government and public affairs as an aspect of a broad liberal arts education. It prepares the student for an enlightened role in national, community, and world affairs. This program can lead to a career in public affairs or any private or not-for-profit area that deals with the growing interrelationship between the public and private sectors. It also provides a solid and comprehensive foundation for the student who plans to pursue further education before entering a career in politics or public affairs, governmental administration, law, teaching, or research.

The graduate program is designed to prepare students for academic or professional careers in public affairs or policy analysis. The master's and doctoral programs in political science are flexible in order to meet the educational needs of a diverse student population.

Bachelor of Arts (BA) Political Science

Admission to the Program

New freshmen and transfer students are admitted through the university's Admissions Office. Students currently enrolled in the university who wish to transfer into the Department of Government or develop a double major or minor should have a

grade point average of 2.50 or higher and the approval of the undergraduate academic advisor.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 58 credit hours with grades of C or better

Course Requirements

Foundation (12 credit hours)

- GOVT-105 Individual Freedom vs. Authority FA2 (3)
- GOVT-110 Politics in the United States FA4 (3-4)
- GOVT-130 Comparative Politics FA3 (3)
- SISU-105 World Politics FA3 (3)

Research Methods (7 credit hours)

- STAT-202 Basic Statistics (4)
- GOVT-310 Introduction to Political Research (3)

Major Related Social Science (12 credit hours)

- 12 credit hours above the introductory level from at least two of the following disciplines: economics, history, international studies, sociology, and specified courses in American studies, anthropology, communication, justice, philosophy, psychology, and women's and gender studies. The list of approved courses is available in the Department of Government office.

Concentration (27 credit hours)

- 27 credit hours in the Department of Government with 6 credit hours at the 400 or 500 level. Students complete 15 credits in one concentration. The remaining credits are selected from other Government courses; courses may not be double counted.

Additional courses may be used with prior approval of the department. Up to 9 credit hours may be taken from the following: internship, independent study, independent reading, honors thesis, international service (SIS) courses, Washington Semester, and American University study abroad programs, with a maximum of 6 credit hours from any one area. Up to three 1 credit hour courses may be used toward the completion of a concentration.

American Government

- GOVT-210 Political Power and American Public Policy FA4 (3)
- GOVT-220 The American Constitution FA4 (3)
- GOVT-240 Metropolitan Politics (3)
- GOVT-315 Elections and Voting Behavior (3)
- GOVT-320 The Presidency (3)
- GOVT-321 Congress and Legislative Behavior (3)
- GOVT-322 American Political Parties (3)
- GOVT-323 Interest Group Politics (3)
- GOVT-325 Minority Politics in the United States (3)
- GOVT-350 Constitutional Law I: Powers and Federalism (3)
- GOVT-351 Constitutional Law II: Civil Rights and Liberties (3)
- GOVT-352 Law and the Political System (3)
- GOVT-423 Advanced Studies in Public Policy (3): Politics of Civil Rights
- GOVT-455 Equal Protection (3)
- GOVT-461 Politics in the Television Age (3)
- GOVT-469 Media and Political Intervention: Vietnam to Iraq (3)
- GOVT-482 Women and Politics (3)
- GOVT-483 Women, Politics, and Public Policy (3)
- GOVT-484 Women and Political Leadership (3)
- GOVT-485 Topics in Women and Politics (1-4)
- GOVT-520 Advanced Studies in Campaign Management (4)
- GOVT-521 Topics in Campaign Management (1)
- GOVT-522 Studies in Political Behavior (3) (topics)
- GOVT-523 The Art and Craft of Lobbying (3-4)
- GOVT-524 Topics in Public Affairs and Advocacy (1)
- GOVT-526 U.S. Intelligence Community (3)
- GOVT-527 Government Regulation and Deregulation (3)
- GOVT-528 Corporate Power in American Politics (3)
- GOVT-529 Principles of Homeland Security (3)
- GOVT-531 Watergate: A Constitutional Crisis (3)
- GOVT-536 Applied Political Writing (3)
- GOVT-537 Political Speechwriting (3)
- GOVT-540 Political Parties, Interest Groups, and Lobbying (3)
- GOVT-541 The Politics of Mass Communication (3)
- GOVT-585 Voting Rights and Election Systems (3)
- PUAD-260 Administrative Politics (3)

Comparative Politics

- GOVT-231 Third World Politics (3)
- GOVT-232 Politics of Postindustrial Societies (3)
- GOVT-235 Dynamics of Political Change FA3 (3)
- GOVT-523 The Art and Craft of Lobbying: European Public Affairs and Advocacy Institute (3)
- GOVT-532 Political Institutions and Processes in Selected Regions (3) (topics)
- GOVT-534 Grassroots Institutions in Comparative Context (3)
- GOVT-535 Leaders in Comparative Perspective (3)
- GOVT-550 Politics in Cuba (3)

- GOVT-584 Gender and Politics in the Middle East (3)

Gender, Race, and Politics

- GOVT-220 The American Constitution FA4 (3)
- GOVT-231 Third World Politics (3)
- GOVT-240 Metropolitan Politics (3)
- GOVT-325 Minority Politics in the United States (3)
- GOVT-351 Constitutional Law II: Civil Rights and Liberties (3)
- GOVT-423 Advanced Studies in Public Policy: Politics of Civil Rights (3)
- GOVT-455 Equal Protection (3)
- GOVT-482 Women and Politics (3)
- GOVT-483 Women, Politics, and Public Policy (3)
- GOVT-484 Women and Political Leadership (3)
- GOVT-485 Topics in Women and Politics (1-4)
- GOVT-486 Feminist Political Theory (3)
- GOVT-584 Gender and Politics in the Middle East (3)
- GOVT-585 Voting Rights and Election Systems (3)

Law and Politics

- GOVT-220 The American Constitution FA4 (3)
- GOVT-226 The Constitution, Presidential Power, and the War on Terror (3)
- GOVT-350 Constitutional Law I: Powers and Federalism (3)
- GOVT-351 Constitutional Law II: Civil Rights and Liberties (3)
- GOVT-352 Law and the Political System (3)
- GOVT-423 Advanced Studies in Public Policy (3): Politics of Civil Rights
- GOVT-455 Equal Protection (3)
- GOVT-545 Landmark Law Cases (3)

Political Theory

- GOVT-403 Ancient Political Thought (3)
- GOVT-405 Modern Political Thought (3)
- GOVT-406 American Political Thought (3)
- GOVT-409 Contemporary Political Thought (3)
- GOVT-408 Idea of America in European Political Thought: 1492-Present (3)
- GOVT-486 Feminist Political Theory (3)

Policy

- GOVT-210 Political Power and American Public Policy FA4 (3)
- GOVT-240 Metropolitan Politics (3)
- GOVT-315 Elections and Voting Behavior (3)
- GOVT-321 Congress and Legislative Behavior (3)
- GOVT-323 Interest Group Politics (3)
- GOVT-370 Formation and Implementation of Environmental Policy (3)
- GOVT-423 Advanced Studies in Public Policy (3) (topics)
- GOVT-464 Politics and Policy in the Electronic Age (3)
- GOVT-483 Women, Politics, and Public Policy (3)

GOVT-523 The Art and Craft of Lobbying:
Public Affairs and Advocacy Institute (4) *or*
European Public Affairs and Advocacy Institute (3)
GOVT-527 Government Regulation and Deregulation (3)
GOVT-540 Political Parties, Interest Groups, and
Lobbying (3)

or

Non-Specialization

27 credit hours in the Department of Government with 21 credit hours at the 200 or 300 level and 6 credit hours at the 400 or 500 level

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MA in Political Science

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both the BA in Political Science and the MA in Political Science.

Requirements

- Admission to the combined BA/MA program requires junior standing, a minimum cumulative grade point average of 3.30, a completed application form, a written faculty recommendation, an essay on the student's interests and abilities in political science, and an interview with a Department of Government graduate advisor. Students must apply for admission to the graduate program no later than the last undergraduate semester. The Graduate Record Examination (GRE) is required for admission to the MA program.
- All requirements for the BA in Political Science
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.
- All requirements for the MA in Political Science, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

**Bachelor of Arts (BA)
Interdisciplinary Studies:
Communication, Legal Institutions,
Economics, and Government (CLEG)**

This interdisciplinary major is designed for students who want a breadth of background necessary to participate effectively in decision making for public affairs and the practical training necessary to deal with social problems as public issues.

Admission to the Program

New freshmen and transfer students are admitted through the university's Admissions Office. Students currently enrolled in the university who wish to transfer into the Department of Government or develop a double major or minor should have a grade point average of 2.50 or higher and the approval of the undergraduate academic advisor.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 57 credit hours with grades of C or better

Course Requirements

- COMM-200 Writing for Communication (3)
- COMM-310 Public Speaking (3)
- ECON-100 Macroeconomics FA4 (3)
- ECON-200 Microeconomics FA4 (3)
- GOVT-105 Individual Freedom vs. Authority FA2 (3)
- GOVT-110 Politics in the United States FA4 (3-4)
- GOVT-391 Internship (6)
- GOVT-489 CLEG Seminar (3)
- JLS-104 Introduction to Systems of Justice (3)
- One course from the following:
GOVT-220 The American Constitution FA4 (3)
GOVT-352 Law and the Political System (3)
- 24 additional credit hours, including 12 credit hours at the 300 level or above, selected from a list of approved courses in communication (COMM-xxx), legal institutions (JLS-xxx), economics (ECON-xxx), and government (GOVT-xxx). The list of approved courses is available in the Department of Government office.

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum

cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined Bachelor's and Master's Degrees

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

Minor in Political Science

- 21 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- GOVT-110 Politics in the United States FA4 (3-4)
- GOVT-105 Individual Freedom vs. Authority FA2 (3)
- 15 credit hours in other Department of Government (GOVT-xxx) courses at the 200-level or above, including at least 9 credit hours at the 300 level and at least 3 credit hours at the 400 or 500 level

No more than one transfer, AU Abroad, or Washington Semester course may be applied to the minor; no internship credit or one-credit courses can be counted toward the minor requirements.

Undergraduate Certificate in Advanced Leadership Studies

This four year undergraduate program nurtures a select number of talented students in the skills and knowledge required to be effective leaders in their professional careers.

Admission to the Program

Incoming freshman in the School of Public Affairs are invited to apply to the program.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 300-level or above with grades of C or better. Grades of C- or D in certificate program courses will not be accepted toward the fulfillment of certificate requirements although these grades will be included in the calculation of the cumulative grade point average. Students must have at least a 2.0 grade point average in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period after they are admitted. International students must enroll in 12 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- GOVT-361 Laboratory in Leadership Development I (1) taken fall and spring of first year for a total of 2 credit hours
- GOVT-362 Laboratory in Leadership Development II (1) taken fall and spring of second year for a total of 2 credit hours
- GOVT-391 Internship: Leadership (3-6)
- GOVT-460 Political and Organizational Leadership (3)
- 2-5 credit hours from the following, or other courses as approved by the program director, including an independent study in a leadership-related topic or community service-learning project:
 - COMM-310 Public Speaking (3)
 - GOVT-320 The Presidency (3)
 - GOVT-520 Advanced Studies in Campaign Management (4)
 - GOVT-523 The Art and Craft of Lobbying (4)
 - JLS-308 Justice, Morality and the Law (3)
 - JLS-309 Justice and Public Policy (3)
 - JLS-504 Comparative Criminology and Criminal Justice (3)
 - PUAD-260 Administrative Politics (3)
 - PUAD-343 Introduction to Public Administration and Governance (3)
 - SISU-210 Peace, Global Security, and Conflict Resolution (3)

Undergraduate Certificate in Women, Policy, and Political Leadership

Admission to the Program

Open to undergraduate degree and nondegree students.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 300-level or above with grades of C or better. Grades of C- or D in certificate program courses will not be accepted toward the fulfillment of certificate requirements although these grades will be included in the calculation of the cumulative grade point average. Students must have at least a 2.0 grade point average in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period after they are admitted. International students must enroll in 12 credit hours each semester (except for summer). All programs must be completed within four years. A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- 6 credit hours from the following:
 - GOVT-482 Women and Politics (3)
 - GOVT-483 Women, Politics, and Public Policy (3)
 - GOVT-484 Women and Political Leadership (3)
- 2 credit hours from the following:
 - GOVT-282 Introduction to Women and Politics (1)
 - GOVT-485 Topics in Women and Politics (1-4)

- 7 credit hours from the following or other courses approved by the program director:
 - ANTH-215 Sex, Gender, and Culture FA3 (3)
 - COMM-510 Women in Journalism (3)
 - COMM-534 Race and Gender in Communication and Media (3)
 - EDU-565 Gender and Cultural Diversity in School (3)
 - GOVT-485 Topics in Women and Politics: Role of Latinas in American Politics (3)
 - GOVT-485 Topics in Women and Politics (1-4)
 - GOVT-486 Feminist Political Theory (3)
 - GOVT-520 Advanced Studies in Campaign Management (4)
 - GOVT-521 Topics in Campaign Management (1)
 - GOVT-523 The Art and Craft of Lobbying (3-4)
 - GOVT-524 Topics in Public Affairs and Advocacy (1)
 - GOVT-584 Gender and Politics in the Middle East (3)
 - JLS-526 Domestic Violence (3)
 - JLS-535 Gender and the Law (3)
 - PSYC-545 Psychology of Sex Similarities and Differences (3)
 - SIS-517 Gender and Conflict (3)
 - SOCY-570 Sociology of Gender and Family (3)
 - WGSS-225 Gender, Politics, and Power FA4 (3)
 - WGSS-350 Interpreting Gender in Culture (3) (topics)
 - WGSS-400 Feminist, Gender, and Sexuality Theory (3)
 - WGSS-491 Internship in Women's, Gender, and Sexuality Studies (1-6)

Master of Arts (MA) Political Science

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must earn a satisfactory score on the Graduate Record Examination (GRE). All applicants are evaluated on the basis of scholastic achievement in their last 60 credit hours of undergraduate work, two letters of recommendation and an essay on career interest. Applicants who wish to be considered for departmental honor awards must apply for full-time status.

Degree Requirements

- 33 credit hours of approved graduate work
- Written comprehensive examination in American politics, applied politics, or comparative politics, depending on track

Tracks

Political Science or Applied Politics

Course Requirements

Political Science: American Politics

- GOVT-650 Political Analysis (3)
- GOVT-653 Introduction to Quantitative Methods in Political Science (3)
- 600 level course in comparative politics or political theory (3)

- 15 credit hours in American politics including:
 - GOVT-651 The Legislative Process (3) (or another course on Congress with permission of the student's advisor)
 - GOVT-652 The Presidency and the Executive Branch (3)
 approved courses on public opinion, political behavior, elections, parties, or interest groups
- 9 credit hours selected from political science or other disciplines, which may include 3 credit hours of GOVT-691 Internship
 - Political Science: Comparative Politics**
 - GOVT-632 Classics of Comparative Politics (3)
 - GOVT-650 Political Analysis (3)
 - GOVT-653 Introduction to Quantitative Methods in Political Science (3)
 - One political theory course (3)
 - 600 level course in American politics (3)
 - 9 credit hours from the following:
 - GOVT-633 Political Institutions in Comparative Perspective (3)
 - GOVT-634 Democratization: Past, Present, Future (3)
 - GOVT-635 Social and Political Movements, Ethnicity and Nationalism (3)
 SPA comparative politics courses
 - 9 credit hours selected from political science or other disciplines, which may include 3 credit hours of GOVT-691 Internship
 - Applied Politics**
 - GOVT-620 Applied Politics and American Public Policy (3)
 - GOVT-650 Political Analysis (3)
 - GOVT-653 Introduction to Quantitative Methods in Political Science (3)
 - 3-4 credits from the following:
 - GOVT-520 Advanced Studies in Campaign Management (4)
 - GOVT-523 The Art and Craft of Lobbying (3-4)
 - GOVT-684 Women and Political Leadership (3)
 - Two 1 credit courses from the following:
 - GOVT-521 Topics in Campaign Management:
 - Campaign Field (1)
 - Strategy, Theme and Message (1)
 - Political Writing (1)
 - or other approved topics
 - GOVT-524 Topics in Public Affairs and Advocacy:
 - Survey Research, Focus Groups, Media (1)
 - Lobbying and the Internet (1)
 - Grassroots Lobbying (1)
 - or other approved topics
 - GOVT-685 Women and Politics Institute:
 - Women in Congress (1)
 - Women's Health Policy (1)
 - Politics of Women and National Security (1)
 - or other approved topics

- 18-19 credit hours from the following:
 - GOVT-520 Advanced Studies in Campaign Management (4) (if not taken to fulfill requirement above)
 - GOVT-521 Topics in Campaign Management (1)
 - GOVT-523 The Art and Craft of Lobbying (3-4) (if not taken to fulfill requirement above)
 - GOVT-524 Topics in Public Affairs and Advocacy (1)
 - GOVT-540 Political Parties, Interest Groups, and Lobbying (3)
 - GOVT-541 The Politics of Mass Communication (3)
 - GOVT-651 The Legislative Process (3)
 - GOVT-652 The Presidency and the Executive Branch (3)
 - GOVT-656 Voting Behavior, Elections and Campaigns (3)
 - GOVT-674 Constitutional Law and Politics (3)
 - GOVT-685 Topics in Women and Politics (1-4) (if not taken to fulfill requirement above)
 - GOVT-691 Internship (3)
- or other SPA comparative politics course

Master of Arts (MA) Political Communication

The MA in Political Communication offers students a unique opportunity to prepare for professional careers in government, politics, public affairs, public policy, and communication through the study of political and communication theory, research, and practice. This interdisciplinary MA program allows students to take courses in both the School of Public Affairs (SPA) and the School of Communication (SOC) that emphasize thorough grounding in political science, strategic communication, research, and media. In addition, students take hands-on courses designed to teach applied politics and communication skills over a broad range of media and production classes that introduce them to news writing, persuasive writing, public opinion research, online advocacy, and campaign management. The program gives students a strong background in research skills, a broad knowledge of political issues, and a deep understanding of how the political process and media work. Students will gain the knowledge, skills, and ethical grounding to be successful as politicians, policy-makers, political communication professionals, and campaign executives.

Admission to the Program

Applicants must hold an accredited bachelor's degree with a cumulative grade point average of at least 3.0 on a 4.0 scale. Applicants are required to submit results of the Graduate Record Examination (GRE), unless they have eight or more years of relevant work experience, in which case they may apply for a GRE-waiver by contacting the school through which they are applying. GRE-waiver applicants must provide the details of their relevant work experience and the dates they were so employed. In addition, international students whose first language is not English are required to submit results of the Test of English as a Foreign Language (TOEFL). A strong TOEFL score is necessary to ensure that students may benefit fully from the coursework. The preferred minimum TOEFL score is 600 on

the paper-based test (PBT), 100 on the Internet-based test (iBT), or a 7 on the IELTS. All applicants must submit two letters of reference. Applicants who received their bachelor's degrees five or fewer years before the date of application should submit at least one letter that evaluates their undergraduate academic performance and suitability for graduate study in political science and communication.

Students apply to either SPA or SOC. Applications will be reviewed jointly by SPA and SOC, with both schools agreeing on student admission.

Degree Requirements

- 36 credit hours of approved graduate work with a cumulative grade point average of 3.00
- Requests for the transfer of a maximum of 6 graduate credit hours will be considered in exceptional cases.
- Students take a comprehensive examination jointly administered by SOC and SPA at the conclusion of their required core courses.

Course Requirements

Core Courses (24 credit hours)

- COMM-531 Political Communication (3)
- COMM-640 Principles of Strategic Communication (3)
- COMM-735 Communication Theory (3)
- COMM-738 Research Methods in Communication (3)
- GOVT-536 Applied Political Writing (3)
- GOVT-620 Applied Politics and American Public Policy (3)
- GOVT-628 Proseminar in Political Communication (1)
- 5 credit hours from the following:
 - GOVT-520 Advanced Studies in Campaign Management (4)
 - GOVT-521 Topics in Campaign Management (1)
 - GOVT-523 The Art and Craft of Lobbying (3-4)
 - GOVT-524 Topics in Public Affairs and Advocacy (1)

Capstone (3 credit hours)

- GOVT-629 Capstone in Political Communication (3)

Government Elective Courses (9 credit hours)

- 9 credit hours from the following:
 - GOVT-523 The Art and Craft of Lobbying: European Public Affairs and Advocacy Institute (3)
 - GOVT-651 Legislative Process (3)
 - GOVT-652 The Presidency and the Executive Branch (3)
 - GOVT-656 Voting Behavior, Elections, and Campaigns (3)
 - GOVT-682 Women and Politics (3)
 - GOVT-683 Women, Politics and Public Policy (3)
 - GOVT-684 Women and Political Leadership (3)
 - GOVT-685 Topics in Women and Politics (1-4)

Combined Bachelor's and MA in Political Communication

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

310 School of Public Affairs

This program enables qualified students to earn, in a continuous plan of study, both a bachelor's degree and the MA in Political Communication.

Requirements

- Admission to the combined BA/MA program requires junior standing, a minimum cumulative grade point average of 3.5, a completed application form, a written faculty recommendation, an essay on the student's interests and abilities in political science and communication, and an interview with the Department of Government graduate advisor if the student is entering through the School of Public Affairs, or the advisor for the Division of Public Communication if the student is entering through the School of Communication. Students must apply for admission to the graduate program no later than the last undergraduate semester. The Graduate Record Examination (GRE) is required for admission to the MA program.
- All requirements for a bachelor's degree in the student's major at American University.
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.
- All requirements for the MA in Political Communication, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Graduate Certificate in Women, Policy, and Political Leadership

Admission to the Program

Open to students with a bachelor's degree or equivalent from an accredited institution.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- 6 credit hours from the following:
GOVT-682 Women and Politics (3)
GOVT-683 Women, Politics, and Public Policy (3)
GOVT-684 Women and Political Leadership (3)

- GOVT-685 Topics in Women and Politics (1-4) (minimum of 2 credit hours)
- 7 credit hours from the following or other courses approved by the program director, or up to 7 credit hours in LAW-xxx courses taken at the Washington College of Law (WCL) approved by the program director and the WCL Women & the Law program:
ANTH-635 Race, Gender and Social Justice (3)
COMM-510 Women in Journalism (3)
COMM-534 Race and Gender in Communication and Media (3)
ECON-674 Gender Perspectives on Economic Analysis: Microeconomics (3)
EDU-565 Gender and Cultural Diversity in School (3)
GOVT-520 Advanced Studies in Campaign Management (4)
GOVT-521 Topics in Campaign Management (1)
GOVT-523 The Art and Craft of Lobbying (3-4)
GOVT-524 Topics in Public Affairs and Advocacy (1)
GOVT-584 Gender and Politics in the Middle East (3)
GOVT-685 Topics in Women and Politics:
Role of Latinas in American Politics (3)
GOVT-685 Topics in Women and Politics (1-4)
GOVT-686 Feminist Political Theory (3)
JLS-526 Domestic Violence (3)
JLS-535 Gender and the Law (3)
PSYC-545 Psychology of Sex Similarities and Differences (3)
SIS-517 Gender and Conflict (3)
SIS-639 Selected Topics in International Conflict Resolution Skills:
Feminist Approaches to Social Justice
SIS-648 Women and Development (3)
SOCY-570 Sociology of Gender and Family (3)
SOCY-670 Gender, Family and Work (3)

Doctor of Philosophy (PhD) Political Science

Admission to the Program

Applicants are considered and admitted for the fall semester only. January 1 is the deadline for application for admission. All applicants must submit scores from the verbal and quantitative sections of the Graduate Record Examination (GRE). The normal minimum for consideration is a grade point average of 3.20 (on a 4.00 scale) in all previous academic work. Applicants are admitted for full-time study only.

Major Fields

American Politics or Comparative Politics

Degree Requirements

- 72 credit hours of approved graduate work are required for students entering the program with a bachelor's degree; a

minimum of 48 credit hours is required of students who have completed an approved master's degree.

A minimum grade point average of 3.2 in all coursework is required to remain in good standing and to earn the degree.

- Advancement to candidacy is accomplished by successfully defending a qualifier paper after the first year, passing written qualifying examinations in primary and secondary fields, and by successfully defending a dissertation prospectus.
- Students take a primary field comprehensive examination in American politics or comparative politics. They take a secondary field comprehensive examination in the other field, or, with written approval from the faculty advisor and department chair, they may take a second field elsewhere in the School of Public Affairs (SPA), the School of International Service (SIS), or in another doctoral degree-granting teaching unit. Under special circumstances, students may take a second field outside American University, subject to the approval of the SPA graduate director, in consultation with the department's faculty advisor for the PhD program.
- The PhD is fundamentally a degree in preparation for an academic career of research and teaching. Understanding scientific inquiry and correctly using research techniques require extensive preparation. All students in the program take four courses in research methods designed to help doctoral students comprehend the nature of science and master tools of research (see Course Requirements, below).

Each student selects a specialization in which to complete an original research project under the direction of program faculty and write a dissertation. Students may choose research projects within one of the major areas. It is the responsibility of the student to secure the agreement of a Department of Government full-time tenured or tenure-track faculty member to serve as the chair of the dissertation committee. One of the other two members of the committee may be from outside SPA. As part of this process, each student must publicly defend the research proposal before the dissertation committee and other interested faculty. The committee and the chair of the department, in consultation with the SPA director of doctoral programs, must approve the research proposal in order for the candidate to advance to candidacy.

As work on the dissertation project progresses, students register for dissertation credit. Substantive coursework may be used as part of this requirement where it contributes directly to the research specialization and is specifically recommended by the dissertation committee chair.

Upon writing the dissertation, the candidate submits the manuscript to the dissertation committee for review. If the committee members approve the dissertation, the candidate must complete an oral defense of it, including demonstrable mastery of related literature on the general field in which it lies before the committee and other interested faculty. After

hearing the candidate's defense, the committee decides whether the dissertation is acceptable as the culminating work of the student's doctoral career.

The dissertation must consist of high quality original research directly relevant to the student's doctoral program. A dissertation proposal may be rejected if the topic does not address a major research issue in political science, the research design is inadequate, the methodology is inappropriate, or because no full-time tenured or tenure-track faculty member in the Department of Government is academically competent or available to supervise the project. If the candidate fails to maintain satisfactory progress toward completion of the dissertation, his or her candidacy may be terminated.

Course Requirements

Primary Field (12 credit hours)

American Politics

- GOVT-710 Seminar in American Politics (3)
- 9 additional credit hours in doctoral-level courses in American politics

Comparative Politics

- GOVT-730 Seminar in Comparative Politics (3)
- 9 additional credit hours in doctoral-level courses in comparative politics

Secondary Field (6 credit hours)

American Politics

- GOVT-710 Seminar in American Politics (3)
- One other doctoral-level course in American politics (3)

Comparative Politics

- GOVT-730 Seminar in Comparative Politics (3)
- One other doctoral-level course in comparative politics (3)

Methodology (12 credit hours)

GOVT-612 Conduct of Inquiry I (3)

GOVT-613 Conduct of Inquiry II (3)

- 6 credit hours in methodology courses from the following:
GOVT-614 Quantitative Research Designs (3)
GOVT-615 Research Design (3)
GOVT-704 Approaches to Political Understanding (3)
GOVT-720 Seminar in Policy Analysis (3):

Advanced Quantitative Methods

Other approved methodology courses, including two graduate-level foreign language courses

Electives (6 credit hours)

- 6 credit hours chosen in consultation with the department

Dissertation (12 credit hours)

- GOVT-799 Doctoral Dissertation Seminar (1-12)

Department of Justice, Law and Society

Chair Jon Gould

Academic Advisors Carl Cook, Linda Spicer

SPA PhD Program Director Laura Langbein

Full-Time Faculty

University Professor Emerita R.J. Simon

Professor Emeritus D.J. Saari, A.S. Trebach, R.I. Weiner

Professor R.R. Bennett, D. Dreisbach, B. Forst, J. Gould, R. Johnson, E. Maguire

Research Professor C. Cooper

Associate Professor Emerita D. Golash

Associate Professor L.A. Addington, D. Fagelson, D. Klusmeyer, J. Savage, J. Young

Assistant Professor C. Barron, B. Davies, M. Marr, J. Schaler, S. Tankel, J. Waters

Professorial Lecturer C. Barnes, B. Bartholomew, J. Gumbrewicz, S. Longfield Karr

Instructor K.N. Kozey

Effective January 1, 2014, the Department of Justice, Law and Society (JLS) will become the Department of Justice, Law and Criminology (JLC).

The department has one of the oldest programs in the field of justice in the United States. The full-time faculty in the department have educational backgrounds in law, criminology, criminal justice, philosophy, political science, sociology, psychology, and history. The department offers the Bachelor of Arts in Justice and Law and in Law and Society, Master of Science in Justice, Law and Society; a dual Juris Doctor and Master of Science program with the Washington College of Law, and the PhD in Justice, Law and Society.

The BA in Justice and Law, with concentrations in criminal justice or criminology, analyzes the foundations, functions, policies, and procedures of justice. Crime and deviance are serious public policy concerns in American society, and systems of justice are the main public policy responses for dealing with these problems. Cross-cultural and international perspectives are brought to bear when they shed light on the nature of crime and deviance in America or on the workings of American systems of justice. The BA in Law and Society, with concentrations in the humanities or social sciences, is an interdisciplinary program that examines the role of law in relation to social, political, and economic institutions. The complex relation of law and justice, broadly conceived, is the central consideration in this program of study. Drawing on the social sciences and humanities, this curriculum offers an historical and international perspective on legal issues. Both undergraduate majors can be considered prelaw majors.

The MS in Justice, Law and Society further elaborates on the central concerns of the undergraduate degrees offered in DJLS. The MS concentration in justice and public policy offers theoretical and applied grounding in criminology and criminal

justice issues, including all levels of policing and corrections. The concentration in terrorism and security policy focuses on national security as well as the causes of terrorism and policy affecting its prevention. Law and society is an interdisciplinary approach to the role of law in society including theoretical legal foundations and law as it relates to the social sciences and issues of social justice. The jurisprudence and social thought concentration emphasizes both philosophical and comparative perspectives on law and analytical thought.

The department's programs prepare students for law school and further graduate study, as well as for entry-level positions and professional careers in the justice field. Washington, DC provides a source of and internship placements, which often lead to challenging employment.

Bachelor of Arts (BA) Justice and Law

Admission to the Program

New freshman and transfer students are admitted through the Office of Admissions. Current students who wish to transfer into the department or develop a double major should have a grade point average of 2.50 or higher and the approval of the undergraduate academic advisor.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 51 credit hours with grades of C or better

Course Requirements

- JLS-103 Critical Issues in Justice (3)
- JLS-104 Introduction to Systems of Justice (3)
- JLS-205 History and Philosophy of Criminology (3)
- JLS-280 Introduction to Justice Research (3)
- JLS-307 Justice, Law, and the Constitution (3)
- JLS-309 Justice and Public Policy (3)
- JLS-402 Comparative Systems of Law and Justice
- 3 credit hours from the Law and Society cluster:
 - JLS-101 Introduction to Law (3)
 - JLS-110 Western Legal Tradition FA2 (3)
 - JLS-202 History of International Thought and Law (3)

JLS-203 Law and Social Theory (3)
 JLS-225 American Legal Culture FA2 (3)
 JLS-308 Justice, Morality and Law (3)
 JLS-352 Psychiatry and Law (3)

- 15 credit hours with 12 credit hours in one of following concentrations, Criminal Justice or Criminology, and 3 credit hours from the other concentration:

Criminal Justice Concentration

JLS-200 Deprivation of Liberty FA4 (3)
 JLS-210 Policing in America (3)
 JLS-211 Contemporary Issues in American Law Enforcement (3)

JLS-230 Corrections in America (3)
 JLS-311 Introduction to Forensic Science (3)
 JLS-332 Corrections and the Constitution (3)

JLS-342 Judicial Administration (3)
 JLS-431 The Prison Community (3)

JLS-444 Topics in Criminal Justice (3)
 JLS-530 Concepts of Punishment (3)

Criminology Concentration

JLS-206 Justice and Deviant Behavior (3)
 JLS-215 Violence and Institutions FA4 (3)
 JLS-245 Cities and Crime FA4 (3)
 JLS-253 Juvenile Delinquency: Causes, Prevention and Treatment (3)

JLS-303 Drugs, Alcohol and Society (3)
 JLS-313 Organized Crime (3)
 JLS-315 White Collar and Commercial Crime (3)
 JLS-401 Criminal Behavior: A Psychosocial Analysis (3)

JLS-445 Topics in Criminology (3)
 JLS-458 The Juvenile and the Law (3)

JLS-454 Violence in America (3)
 JLS-517 Victimology (3)

JLS-526 Domestic Violence (3)
 JLS-550 Drugs, Crime, and Public Policy (3)

Electives

- 12 additional credit hours selected from other offerings in the Department of Justice, Law and Society

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MS in Justice, Law and Society

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program allows students to complete the BA in Justice and Law or BA in Law and Society and the MS in Justice, Law and Society.

Requirements

- Undergraduate students with majors in justice, law and society, or related disciplines apply to this program through formal application no later than the last undergraduate semester. Admissions decisions are based on the normal MS standards and procedures of the school.
- All requirements for the BA in Justice and Law or BA in Law and Society
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.
- All requirements for the MS in Justice, Law and Society, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Bachelor of Arts (BA) Law and Society

Admission to the Program

New freshman and transfer students are admitted through the Office of Admissions. Current students who wish to transfer into the department or develop a double major should have a grade point average of 2.50 or higher and the approval of the undergraduate academic advisor.

University Requirements

- 120 credit hours with a cumulative GPA of 2.00 or better
- Completion of college writing requirement
- Completion of university mathematics requirement

General Education Requirements

- A total of ten courses, consisting of two courses from each of the five foundational areas
- At least one course from Area Five: The Natural and Mathematical Sciences must include a laboratory science component
- No more than two courses may be taken in the same discipline

Major Requirements

- 54 credit hours with grades of C or better

Course Requirements

- JLS-101 Introduction to Law (3)
- JLS-201 Philosophical Problems in the Law (3)
- JLS-110 Western Legal Tradition FA2 (3)
or
JLS-202 History of International Thought and Law (3)
- JLS-203 Law and Social Theory (3)
- JLS-307 Justice, Law, and the Constitution (3)

314 School of Public Affairs

- JLS-402 Comparative Systems of Law and Justice (3)
or
JLS-411 Topics in Legal History (3)
- one of the following courses in Legal Process:
JLS-104 Intro to Systems of Justice (3)
JLS-200 Deprivation of Liberty FA4 (3)
JLS-225 American Legal Culture FA2 (3)
JLS-310 The Legal Profession (3)
JLS-342 Judicial Administration (3)
JLS-343 Issues in Civil Justice (3)
- one of the following courses in Justice and Public Policy:
JLS-103 Critical Issues in Justice (3)
JLS-205 Introduction to Criminology (3)
JLS-215 Violence and Institutions (3)
JLS-245 Cities and Crime FA4 (3)
JLS 309 Justice and Public Policy (3)
- 15 credit hours in either the Humanities or Social Science concentration:
Humanities Concentration (15 credit hours)
- three courses from the Legal Theory cluster; one course from the Law and Social Science cluster; and one additional course from either area:

Legal Theory Cluster

- JLS-308 Justice, Morality, and the Law (3)
- JLS-410 Topics in Legal Theory (3)
- JLS-530 Concepts of Punishment (3)

Law and Social Science Cluster

- JLS-333 Law, Psychology and Justice (3)
- JLS-352 Psychiatry and the Law (3)
- JLS-413 Topics in Law and Social Science (3)
- JLS-535 Gender and the Law (3)

Social Science Concentration (15 credit hours)

- JLS-280 Introduction to Justice Research (3)
- two courses from the Law and Social Science cluster; one course from the Legal Theory cluster; and one additional course from either area:

Law and Social Science Cluster

- JLS-333 Law, Psychology and Justice (3)
- JLS-352 Psychiatry and the Law (3)
- JLS-413 Topics in Law and Social Science (3)
- JLS-535 Gender and the Law (3)

Legal Theory Cluster

- JLS-308 Justice, Morality, and the Law (3)
- JLS-410 Topics in Legal Theory (3)
- JLS-530 Concepts of Punishment (3)

Electives

- 15 additional credits from courses offered by the Department of Justice, Law and Society, or from the following courses offered by other departments:
ANTH-215 Sex, Gender and Culture FA3 (3)
ANTH-331 Taboos (3)
ECON-100 Macroeconomics FA4 (3)

- ECON-200 Microeconomics FA4 (3)
- ECON-317 Political Economy (3)
- ECON-320 History of Economic Ideas (3)
- GOVT-321 Congress and Legislative Behavior (3)
- GOVT-335 Democratization, Participation, and Social Movements (3)
- GOVT-352 Law and the Political System (3)
- GOVT-403 Ancient Political Thought (3)
- GOVT-405 Modern Political Thought (3)
- GOVT-455 Equal Protection (3)
- HIST-451 Era of Revolution and Constitution (3)
- PHIL-105 Western Philosophy FA2 (3)
- PSYC-205 Social Psychology FA4 (3)
- PSYC-215 Abnormal Psychology and Society FA4 (3)
- PSYC-240 Drugs and Behavior FA5 (3)
- SISU-210 Peace, Global Security, and Conflict Resolution (3)
- SOCY-350 Social Problems in a Changing World (3)
- SOCY-351 Race and Ethnic Conflict: Global Perspectives (3)

University Honors Program

To graduate with University Honors, students must be admitted to the University Honors Program, maintain a minimum cumulative GPA of 3.50, and receive grades of B or better in all University Honors coursework. There are three levels of University Honors course requirements: Level I (100-200-level); Level II (300-level and above); and Level III (Honors Capstone Project). The department Honors coordinator advises students in the University Honors Program regarding requirements for graduating with University Honors in the major.

Combined BA and MS in Justice, Law and Society

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program allows students to complete the BA in Justice or BA in Law and Society and MS in Justice, Law and Society.

Requirements

- Undergraduate students with majors in justice, law and society, or related disciplines apply to this program through formal application no later than the last undergraduate semester. Admissions decisions are based on the normal MS standards and procedures of the school.
- All requirements for the BA in Justice or BA in Law and Society
Undergraduate students may apply up to 9 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees.

All requirements for the MS in Justice, Law and Society, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Minor in Justice

- 18 credit hours with grades of C or better and at least 12 credit hours unique to the minor

Course Requirements

- JLS-103 Critical Issues in Justice (3)
- JLS-104 Introduction to Systems of Justice (3)
- 12 credit hours in justice (JLS-xxx) at the 300 level or above approved by advisor

Minor in Law and Society

- 18 credit hours with grades of C or better, a minimum of 9 credit hours at the 300-level or above, and at least 12 credit hours unique to the minor

Course Requirements

- JLS-101 Introduction to Law (3)
- JLS-110 Western Legal Tradition (3)
or
JLS-202 History of International Thought and Law (3)
- JLS-201 Philosophical Problems in the Law (3)
or
JLS-203 Law and Social Theory (3)
- JLS-307 Justice, Law and the Constitution (3)
- one of the following courses in Legal Theory:
JLS-308 Justice, Morality, and the Law (3)
JLS-410 Topics in Legal Theory (3)
JLS-530 Concepts of Punishment (3)
- one of the following courses in Law and Social Science:
JLS-333 Law, Psychology, and Justice (3)
JLS-352 Psychiatry and the Law (3)
JLS 413 Topics in Law and Social Science (3)
JLS-535 Gender and the Law (3)

Master of Science (MS) Justice, Law and Society

The MS in Justice, Law and Society is an interdisciplinary program focusing on the foundations and structure of institutions of justice and law. Students receive a thorough grounding in both empirical and theoretical approaches to public policy issues and take a concentration in either justice and public policy, law and society, jurisprudence and social thought, or terrorism and security policy.

The concentration in justice and public policy provides a theoretical grounding in criminology and coursework in criminal justice, including corrections and policing. This concentration prepares students for a variety of practitioner and research positions in criminal justice, or for advanced graduate work in criminology or criminal justice.

The concentration in jurisprudence and social thought emphasizes philosophical and comparative perspectives on law,

providing students with an appreciation of the nature and structural foundations of law and a firm grounding in analytical thought. This concentration serves students who have a background in either the liberal arts or law and are interested in combining the two.

The concentration in law and society provides an interdisciplinary perspective on the role of law in society, including the theoretical foundations of law, the relationship between law and the social sciences, and broad issues of social justice. This concentration prepares students for positions in policy research and analysis or for advanced graduate work in law and society.

The concentration in terrorism and security policy focuses on issues of national security from the perspectives of criminology and criminal justice. This concentration prepares students for a variety of practitioner and research positions in the area of prevention and control of terrorism.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants must submit Graduate Record Examination (GRE) test scores. Applicants are evaluated on the basis of scholastic achievement in their last 60 credit hours of undergraduate work, test scores and two letters of recommendation.

Degree Requirements

- 33 credit hours of approved graduate work with at least 18 credit hours at the 600 level
- One three-hour written comprehensive examination in one of the concentration areas, justice and public policy, jurisprudence and social thought, law and society, or terrorism and security policy. Students must complete foundational seminars and electives in the relevant area before taking the examination.
- Research requirement:
Justice and Public Policy: JLS-680 Introduction to Justice Research I and JLS-681 Introduction to Justice Research II with grades of B or better
Jurisprudence and Social Thought: JLS-603 The Rule of Law and Due Process and JLS-604 Foundations of Knowledge with grades of B or better
Law and Society: JLS-680 Introduction to Justice Research I and JLS-681 Introduction to Justice Research II with grades of B or better, *or* JLS-680 Introduction to Justice Research I and JLS-797 Master's Thesis Research, with grades of B or better and permission of department
Terrorism and Security Policy: JLS-680 Introduction to Justice Research I and JLS-681 Introduction to Justice Research II with grades of B or better
- Concentrations
Justice and Public Policy, Jurisprudence and Social Thought, Law and Society, or Terrorism and Security Policy

Course Requirements

Foundation Courses (6 credit hours)

- 6 credit hours from the following:
 JLS-601 Law and Social Sciences (3)
 JLS-602 Legal Theory (3)
 JLS-607 Concept of Justice (3)
 JLS-609 Criminological Theory (3)
 JLS-610 Justice and Public Policy: Controversial Issues (3)
 JLS-672 Terrorism, Crime, and Public Policy (3)

Research Courses (6 credit hours)

- JLS-603 The Rule of Law and Due Process (3) *and*
 JLS-604 Foundations of Knowledge (3)
 (Jurisprudence and Social Thought students only)
- or*
- JLS-680 Introduction to Justice Research I (3) *and*
 JLS-681 Introduction to Justice Research II (3)
- or*
- JLS-680 Introduction to Justice Research I (3) *and*
 JLS-797 Master's Thesis Research (3) (Law and
 Society students only with permission of department)

Justice and Public Policy (21 credit hours)

- 12 credit hours from the following:
 JLS-504 Comparative Criminology and Criminal Justice (3)
 JLS-517 Victimology (3)
 JLS-526 Domestic Violence (3)
 JLS-550 Drugs, Crime, and Public Policy (3)
 JLS-596 Selected Topic: Non-recurring (1-6) (approved
 topic)
 JLS-607 Concept of Justice (3) (if not used for foundation
 requirement)
 JLS-608 The Constitution and Criminal Procedure (3)
 JLS-609 Criminological Theory (3) (if not used for
 foundation requirement)
 JLS-610 Justice and Public Policy: Controversial Issues (3)
 (if not used for foundation requirement)
 JLS-638 Race and Justice in America (3)
 JLS-643 Advanced Seminar in Policing (3)
 JLS-672 Terrorism, Crime, and Public Policy (3) (if not
 used for foundation requirement)
 JLS-676 Theories of Punishment (3)
 JLS-686 Advanced Seminar in Corrections (3)

- 9 additional credit hours from the following or from other
 approved JLS-XXX courses or approved courses from other
 departments:
 PUAD-606 Foundations of Policy Analysis (3)
 PUAD-616 Legal Basis of Public Administration (3)
 PUAD-633 Budgeting and Financial Management (3)
 PUAD-654 Organization Diagnosis and Change (3)

Jurisprudence and Social Thought (21 credit hours)

- 12 credit hours from the following:
 JLS-535 Gender and the Law (3)
 JLS-536 Reproduction and the Law (3)

- JLS-596 Selected Topic: Non-recurring (1-6) (approved
 topic)
- JLS-601 Law and Social Sciences (3) (if not used for
 foundation requirement)
- JLS-602 Legal Theory (3) (if not used for foundation
 requirement)
- JLS-603 The Rule of Law and Due Process (3) (if not used
 for foundation requirement)
- JLS-604 Foundations of Knowledge (3) (if not used for
 foundation requirement)
- JLS-606 Legal History Seminar (3)
- JLS-607 Concept of Justice (3) (if not used for foundation
 requirement)
- JLS-608 The Constitution and Criminal Procedure (3)
- JLS-610 Justice and Public Policy: Controversial Issues (3)
 (if not used for foundation requirement)
- JLS-615 Law and Human Rights (3)
- JLS-630 Advanced Seminar in Legal Theory (3)
- JLS-631 Advanced Seminar in Social and Political
 Theory (3)
- JLS-638 Race and Justice in America (3)
- JLS-648 Law and Religion (3)
- JLS-650 Constitutionalism in Historical Perspective (3)
- JLS-676 Theories of Punishment (3)

- 9 additional credit hours from the following or from other
 approved JLS-XXX courses:
 GOVT-674 Constitutional Law and Politics (3)
 HIST-651 Era of the Revolution and Constitution (3)
 PHIL-520 Seminar on Ethical Theory (3)
 PHIL-525 Seminar on Modern Moral Problems (3)
 SIS-621 International Law and the Legal Order (3)

Law and Society (21 credit hours)

- 12 credit hours from the following:
 JLS-535 Gender and the Law (3)
 JLS-536 Reproduction and the Law (3)
 JLS-596 Selected Topic: Non-recurring (1-6) (approved
 topic)
 JLS-601 Law and Social Sciences (3) (if not used for
 foundation requirement)
 JLS-602 Legal Theory (3) (if not used for foundation
 requirement)
 JLS-603 The Rule of Law and Due Process (3) (if not used
 for foundation requirement)
 JLS-604 Foundations of Knowledge (3) (if not used for
 foundation requirement)
 JLS-606 Legal History Seminar (3)
 JLS-607 Concept of Justice (3) (if not used for foundation
 requirement)
 JLS-608 The Constitution and Criminal Procedure (3)
 JLS-610 Justice and Public Policy: Controversial Issues (3)
 (if not used for foundation requirement)
 JLS-615 Law and Human Rights (3)
 JLS-630 Advanced Seminar in Legal Theory (3)

JLS-631 Advanced Seminar in Social and Political Theory (3)
 JLS-638 Race and Justice in America (3)
 JLS-648 Law and Religion (3)
 JLS-650 Constitutionalism in Historical Perspective (3)
 JLS-676 Theories of Punishment (3)

- 9 additional credit hours from the following or from other approved JLS-XXX courses:
 GOVT-523 The Art and Craft of Lobbying (3-4)
 GOVT-524 Topics in Public Affairs and Advocacy (1)
 GOVT-540 Political Parties, Interest Groups, and Lobbying (3)
 GOVT-541 The Politics of Mass Communication (3)
 GOVT-674 Constitutional Law and Politics (3)
 HIST-651 Era of the Revolution and Constitution (3)
 PHIL-520 Seminar on Ethical Theory (3)
 PHIL-525 Seminar on Modern Moral Problems (3)
 SIS-621 International Law and the Legal Order (3)

Terrorism and Security Policy (21 credit hours)

- 12 credit hours from the following or from other approved courses:
 JLS-585 Topics in Terrorism (3)
 JLS-607 Concept of Justice (3) (if not used for foundation requirement)
 JLS-608 The Constitution and Criminal Procedure (3)
 JLS-610 Justice and Public Policy: Controversial Issues (3) (if not used for foundation requirement)
 JLS-615 Law and Human Rights (3)
 JLS-621 Justice in the Face of Terror (3)
 JLS-643 Advanced Seminar in Policing (3)
- 9 additional credit hours from the following or from other approved JLS-XXX courses:
 COMM-541 Crisis Communication (3)
 GOVT-529 Principles of Homeland Security (3)
 RELG-675 Religion and Violence (3)
 SIS-609 Conflict Analysis and Resolution: Theory and Practice (3)
 SIS-610 Theory of Conflict, Violence and War (3)
 SIS-619 Special Studies in International Politics:
 Countering Terrorism
 U.S. National Security Strategy
 U.S. Policy toward Weak States
 National Security and Proliferation
 Transnational Security Challenges
 Bioterror in the Twenty-first Century
 Homeland Security
 U.S. Foreign Policy toward the Middle East
 SIS-653 Topics in U.S. Foreign Policy (3):
 International Security
 Transnational Crime and Terrorism
 Corruption, Development, and Democracy
 Political Risk Analysis
 Insurgency and Counterinsurgency

MS in Justice, Law and Society and Juris Doctor (JD)

Admission to the Program

The program enables students to complete the JD and MS degrees in approximately four years. Students must apply to and be accepted by both the Washington College of Law and the Department of Justice, Law and Society. Admission to either the MS or JD program in no way implies that admission to both programs will be granted.

Students may apply to both programs simultaneously or begin either program separately and then apply to the other program. However, once the study of law has begun, no justice courses can be taken until one full year of full-time law study has been completed.

Admission criteria are the same as those for the MS in Justice, Law and Society. If application is made initially to the Washington College of Law (WCL), LSAT scores are accepted in place of GRE general scores and application materials submitted to the WCL are reviewed for admission to the Department of Justice, Law and Society.

Requirements

- All requirements for the JD in the Washington College of Law
- All requirements for the MS in Justice, Law and Society
 Students may apply 6 credit hours of justice courses to the JD degree and 6 credit hours of law courses to the MS in Justice, Law and Society. The law advisor must approve the justice courses and the justice advisor must approve the law courses in advance of taking the courses to be applied toward both degrees.

**Doctor of Philosophy (PhD)
 Justice, Law and Society**

Admission to the Program

Applicants are considered and admitted for the fall semester only. January 1 is the deadline for application for admission. All applicants must submit scores from the verbal and quantitative sections of the Graduate Record Examination (GRE). The normal minimum for consideration is a grade point average of 3.20 (on a 4.00 scale) in all previous academic work. Applicants are admitted for full-time study only.

Major Field

Justice, Law and Society

Degree Requirements

- 72 credit hours of approved graduate work is required for students entering the program with a bachelor's degree; a minimum of 48 credit hours is required of students who have completed an approved master's degree.
 A minimum grade point average of 3.2 in all coursework is required to remain in good standing and to earn the degree.
- Advancement to candidacy is accomplished by successfully completing a written qualifying examination at the end of the second semester of study.

- Students take two written comprehensive examinations, the first in either justice or law and society. The second may be the other of these two fields or may be any other major field. Following completion of the written examinations, all students take an oral examination on their entire program of study before a committee of faculty members, and defend their dissertation proposal.

Students take a primary field comprehensive examination in justice or law and society. They take a secondary field comprehensive examination in the other field, or they may take a second field elsewhere in the School of Public Affairs (SPA), the School of International Service, or in another doctoral degree-granting teaching unit. Under special circumstances, students may take a second field outside American University, subject to the approval of the SPA graduate director, in consultation with the department.

- The PhD is fundamentally a research degree. Understanding scientific inquiry and correctly using research techniques require extensive preparation. All students in the program take three courses designed to help doctoral students comprehend the nature of science and master tools of research (see Course Requirements, below).

Each student selects a specialization in which to complete an original research project under the direction of program faculty and write a dissertation. Students may choose research projects within one of the major areas or select a research specialization from one of the other graduate fields within the school.

Each student prepares a research proposal for the dissertation project. It is the responsibility of the student to secure the agreement of a School of Public Affairs full-time tenured or tenure-track faculty member to serve as the chair of the dissertation committee. One of the two other members of the committee may be from outside SPA. As part of this process, each student must publicly defend the research proposal before the dissertation committee and other interested faculty. The committee and the SPA director of doctoral programs (acting for the dean) must approve the defense and the research proposal. The topic covered by the proposal must be related to ongoing research or publications of the supervising faculty.

As work on the dissertation project progresses, students register for dissertation credit. Substantive coursework may be used as part of this requirement where it contributes directly to the research specialization and is specifically recommended by the dissertation committee chair.

Upon completion of the research and the written dissertation, the candidate submits the manuscript to the dissertation committee for review. If the committee members approve the manuscript, the candidate must complete an oral defense of the dissertation and the general field in which it lies before the

committee and other interested faculty. The committee determines conclusively at this point whether the dissertation and examination are acceptable.

The dissertation must consist of high quality original research directly relevant to the student's doctoral program. A dissertation proposal may be rejected if the topic does not address a major research issue in justice, law and society, the research design is inadequate, the methodology is inappropriate, or because no full-time tenured or tenure-track faculty member in the School of Public Affairs is academically competent or available to supervise the project. If the candidate fails to maintain satisfactory progress toward completion of the dissertation, his or her candidacy may be terminated.

Course Requirements

Major Field (12 credit hours)

Justice

- JLS-710 Proseminar in Justice (3)
- 9 credit hours in advanced courses in justice selected in consultation with the department

Law and Society

- JLS-720 Proseminar in Law and Society (3)
- 9 credit hours in advanced courses in law and society selected in consultation with the department

Secondary Major Field (6-12 credit hours)

- 6-12 credit hours in courses selected in consultation with the department

Research Design and Methodology (12 credit hours)

- GOVT-612 Conduct of Inquiry I (3)
- GOVT-613 Conduct of Inquiry II (3)
- 6 additional credit hours in research methods courses from the following:
 - GOVT-614 Quantitative Research Designs (3)
 - GOVT-615 Research Design (3)
 - GOVT-704 Approaches to Political Understanding (3)
 - GOVT-720 Seminar in Policy Analysis:
 - Advanced Quantitative Methods (3)
 - JLS-604 Foundations of Knowledge (3)
 - Other approved methodology courses

Electives

- Depending on number of credits taken for the secondary field, up to 6 credit hours chosen in consultation with the department

Dissertation (12 credit hours)

- JLS-799 Doctoral Dissertation Seminar (1-12)

Department of Public Administration and Policy

Chair David Pitts

Associate Chair Alison Jacknowitz

Academic Advisors Renee Howatt, Kim Kokich,
Janet Nagler, Jennifer Tether, Corrine Thompson-Melissari

SPA PhD Program Director Laura Langbein

Key Executive Leadership Programs Director
Robert Tobias

MSOD Program Director Katherine Farquhar
Full-Time Faculty

Professor Emeritus R.E. Cleary, D.H. Koehler, B.R. Schiller,
R.G. Smolka

Distinguished Professor D.H. Rosenbloom

Professor S.A. Bass, R.F. Durant, C.M. Kerwin,
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Associate Professor Emeritus H. Lieber, D.G. Zauderer

Associate Professor A. Amirkhanyan, K. Farquhar,
A. Jacknowitz, J. Johnston, D.R. Mullins, D. Pitts

Assistant Professor L. Faulk, S. Gershenson, B. Hardy,
T. Morrissey, S. Newbold, E. Stazyk, S. Walti

Professorial Lecturer M. Jimenez, N. Kahn

Distinguished Scholar in Residence R. Marshak

Distinguished Executive in Residence D. Fiorino

Executive in Residence P. Malone, R. Zaplin

Scholar in Residence K. Baehler

Distinguished Practitioner in Residence R. Tobias

Through its teaching and key location in Washington, DC, the Department of Public Administration and Policy (DPAP) seeks to enhance the knowledge, professional skills, and leadership potential of its students in their public service careers.

Graduate degrees offered by the department include the Master of Public Administration (MPA), Master of Public Policy (MPP), and PhD in Public Administration. The department also offers two executive master's degrees: the Key Executive Leadership MPA; and the Master of Science in Organization Development (MSOD); as a public service, it also offers a variety of noncredit and nondegree executive education programs. DPAP is the only department in the nation to have three master's programs accredited by the National Association of Schools of Public Affairs and Administration (NASPAA). The United States and other governments worldwide face the challenge of discerning how best to harness the energy and expertise of public servants, the passion and commitment of nonprofit organizations, and the dynamism and creativity of markets in the pursuit of democratic and constitutionally informed public purposes. We educate students entering, engaged in, and interacting with government agencies in the United States and abroad. We treat administration and policy as interrelated subjects strongly influenced by the values of public service and democratic constitutionalism. Through our research and civic involvement,

we also seek to shape and enhance what is practiced and taught in our field.

Minor in Public Administration and Policy

The minor in public administration and policy is designed to give undergraduate students a deeper appreciation for the challenges in organizing the modern state and the manner in which the intricacies of implementation affect the achievement of public policies.

- 21 credit hours with grades of C or better and at least 12 credit hours unique to the minor
GOVT-110 Politics in the United States is recommended as a prerequisite to the minor.

Course Requirements

- GOVT-210 Political Power and American Public Policy FA4 (3)
- GOVT-460 Political and Organizational Leadership (3)
(for students in the SPA Leadership Program)
or
GOVT-484 Women and Political Leadership (3)
or
PUAD-396 Selected Topics: Non-recurring (3) (approved topic)
or
Other approved course on leadership
- PUAD-260 Administrative Politics (3)
- PUAD-343 Introduction to Public Administration and Governance (3)
- 9 credit hours from the following:
GOVT-370 Formation and Implementation of Environmental Policy (3)
GOVT-396/496 Selected Topics: Non-recurring (approved topics in public administration and policy)
GOVT-423 Advanced Studies in Public Policy (3)
GOVT-455 Equal Protection (3)
GOVT-483 Women, Politics, and Public Policy (3)
GOVT-520 Advanced Studies in Campaign Management (4)
GOVT-529 Principles of Homeland Security (3)
JLS-309 Justice and Public Policy (3)
JLS-550 Drugs, Crime, and Public Policy (3)
Other SPA courses dealing with public policy and administration as approved by the department chair

Master of Public Administration (MPA)

The Master of Public Administration program provides students the knowledge, skills, and values for functioning with distinction throughout their careers at different levels of responsibility within the US constitutional context and abroad.

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission decisions are based on each applicant's academic record, two letters of recommendation, test scores from the Graduate Record Examination (GRE), and an essay written by the applicant on his or her background and career interests. Applicants may substitute test scores from similar tests, such as the GMAT or LSAT, for the GRE where appropriate. Applicants who received their undergraduate degree more than eight years prior to their date of application may waive the requirement for test scores by submitting a statement describing their professional experience. The department values applicants who have acquired practical experience before beginning their professional degree program. Admission decisions are based on each applicant's total record and not on any single strength or deficiency.

Degree Requirements

- 42 credit hours of approved graduate work

A student who has performed successfully for over 3 years as a manager in a supervisory role in a government agency or a nonprofit organization before admission to the MPA program may apply to have the total program reduced by up to 6 credit hours. A request, addressed to the MPA Program Director, should be e-mailed to the MPA Academic Advisor, who will forward it to the MPA Program Director. It must be submitted so as to permit evaluation prior to the commencement of the 13th credit of coursework. The request must include a resume and a cover letter specifying relevant responsibilities. Waiver of the full 6 credit hours is reserved for students at the GS-13 level or its equivalent who exercised significant responsibilities for supervision and program management, including personnel management, financial management, performance evaluation and other responsibilities (at least five years). A 3-credit waiver may be granted to students with significant responsibilities for supervision or program management (at least 3 years). The MPA Program Director has the discretion to grant the waiver after consideration of the applicant's request, based on this policy and judgment of the applicant's experience. If a waiver of 3 credits is granted, it will take the place of the internship/elective requirement. If a waiver of 6 credits is granted, it will take the place of the internship/elective requirement plus one concentration course. Required courses will not be waived based on work experience. Credit earned as part of an internship may not count toward the total degree requirement of any student receiving such a reduction.

Due to a special arrangement, students admitted to the MPA may utilize qualifying courses offered by the Office of Personnel Management (OPM) Executive Management Training Centers toward the credit hours required to earn the

degree. Qualifying courses from these two institutions have been certified for college credit by the American Council on Education (ACE).

Students who successfully complete the SPA Key Executive Leadership Development Program may apply to reduce the overall degree requirement for the 42-credit hour MPA by up to an additional 6 credit hours. Students who avail themselves of this provision remain eligible to request the 3 or 6 credit hour waiver for prior professional experience as noted above. At least 30 credit hours must be earned in residence for the MPA.

Up to 6 credit hours may be waived for qualifying courses and/or transfer credit from another academic institution, and up to 6 credit hours may be waived for significant management experience, for a total not to exceed 12 credit hours. Students who avail themselves of this provision will be encouraged to take advanced level work in designated areas as a consequence.

- Capstone experience: requirement completed through assignments in PUAD-610 Management Analysis and a reflective essay

Course Requirements

Core (27 credit hours)

- PUAD-605 Quantitative Methods for Public Managers (3)
or
PUAD-601 Quantitative Methods for Policy Analysis I (3)
(students may test out of PUAD-605 or PUAD-601 and substitute another approved course)
- PUAD-610 Management Analysis (3)
- PUAD-612 Introduction to Public Administration and the Policy Process (3)
- PUAD-616 Legal Basis of Public Administration (3)
or
PUAD-608 Comparative Administrative Systems (3) (for international students returning to countries without Anglo-American or European legal traditions, with permission of the academic advisor)
- PUAD-630 Public Managerial Economics (3)
or
PUAD-670 Economics for Policy Analysis (3)
- PUAD-684 Organizational Analysis (3)
- Two courses from the following:
PUAD-602 Quantitative Methods for Policy Analysis II (3)
PUAD-609 Topics in Public Management (3)
PUAD-615 Public-Private Partnerships (3)
PUAD-617 Project Management (3)
PUAD-650 Leadership in a Changing Workplace (3)
PUAD-652 Facilitation and Team Development (3)
PUAD-665 Managing Human Capital Assets (3)
PUAD-696 Selected Topics: Non-recurring (3) (approved topic)

- One course in public finance, financial management, or government budgeting from the following:
 PUAD-631 Financing Government Services:
 Expenditure Analysis (3)
 Taxation (3)
 PUAD-633 Budgeting and Financial Management (3)
 PUAD-685 Topics in Policy Analysis and Management:
 Public Finance in Developing Countries (3)

Internship (3 credit hours)

- PUAD-691 Internship (3)
 Students without a significant professional work background participate in an internship and complete a survey on their experience. For students who have already begun their careers, a formal internship is optional.

Area of Concentration (12 credit hours)

- 12 credit hours in an area of concentration
 Areas include: nonprofit management (with optional arts management focus); international management; public management (with optional management consulting or human resources focus); state and local administration; public financial management; policy analysis; policy and management (with optional social policy or health policy or environmental policy or science and technology focus); and applied politics. Students may create special areas of concentration by consulting their academic counselor.

Combined Bachelor's and Master of Public Administration

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both a bachelor's degree with a major in any related discipline and the Master of Public Administration (MPA).

Requirements

- In addition to meeting the university requirements for bachelor's/master's programs, admission requires a minimum cumulative grade point average of 3.00, a completed application form (available from the Department of Public Administration and Policy (DPAP) and submitted to the MPA/BA advisor), a written faculty recommendation, an essay on the student's interests and abilities in public administration, and an interview with an academic advisor.
- All requirements for a bachelor's degree with a major in any related discipline
 Undergraduate students may apply up to 15 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees. Students take courses in

statistics, public administration, and other courses approved by DPAP.

- All requirements for the MPA, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

**Master of Public Administration (MPA)
 Key Executive Leadership**

Using executive education models, the Key Executive Leadership MPA prepares public servants to become more effective organizational leaders. Begun in 1975, the Key Executive Leadership Program is a graduate course of study in the skills, knowledge, and values needed by top-level public executives and offers participants the perspectives and competencies necessary for effective performance in high level executive work. The curriculum includes the major activity areas used in certifying candidates for career positions in the Senior Executive Service. Classes are held on selected Fridays and weekends. Participants continue to work at their jobs while completing their studies.

Admission to the Key Executive Leadership MPA Program is competitive and restricted to GS-13s or above (or the equivalent) who exercise significant responsibilities for program management or policy development and are preparing themselves for positions of greater responsibility. The program is oriented to civilian personnel in the federal government, military or other uniformed personnel, state and local officials, and personnel in the nonprofit sector.

With the expectation that graduates of the program will move from managerial to leadership roles within their organizations, the executive MPA curriculum encompasses the principal components of public service education: the leadership of public service organizations, the public policy and organizational environment, and the analysis of issues.

Degree Requirements

- 36 credit hours of approved graduate work
 Students who successfully complete the Key Executive Leadership Certificate Program may apply to reduce the overall degree requirement. At least 30 credit hours must be earned in residence for the Key Executive Leadership MPA.
- Comprehensive examination using action learning to solve a real organizational problem
- The research requirement is satisfied by completing two of the following courses with grades of B or better:
 PUAD-623 Executive Problem Solving
 PUAD-625 Analysis and Evaluation
 PUAD-654 Organization Diagnosis and Change

Course Requirements

- 36 credit hours from the following:
 - PUAD-611 Managing in the Information Age (3)
 - PUAD-620 Public Marketing and Strategic Communication (1.5)
 - PUAD-621 Topics in Executive Management (1.5)
 - PUAD-622 Leadership for Executives (3)
 - PUAD-623 Executive Problem Solving (3)
 - PUAD-624 Budgeting and Financial Management (3)
 - PUAD-625 Analysis and Evaluation (3)
 - PUAD-626 Legal Issues in Public Administration (3)
 - PUAD-627 Politics, Policymaking, and Public Administration (3)
 - PUAD-628 Executive Skill Modules (1.5)
 - PUAD-630 Public Managerial Economics (3)
 - PUAD-634 Acquisition Management (1.5)
 - PUAD-638 Strategic Human Resource Management for Executives (1.5)
 - PUAD-639 Ethics for Public Managers (1.5)
 - PUAD-654 Organization Diagnosis and Change (3)

Master of Public Administration (MPA) and Juris Doctor (JD)

Admission to the Program

Applicants must satisfy the admission requirements of both the Department of Public Administration and Policy (DPAP)/SPA and Washington College of Law (WCL). Admission criteria are the same as those for the M. P.A. However, students who have been admitted to WCL will not be required to take the Graduate Record Examination (GRE). Students may begin their studies in SPA after completing one year or the equivalent of full-time study at WCL. Admission to either the MPA or JD program does not guarantee admission to the other.

Dual Degree Requirements

- 104 credit hours of approved graduate coursework, including 24 credit hours of MPA coursework in SPA, and 80 credit hours of law coursework in WCL

MPA Degree Requirements

- 42 credit hours of approved graduate coursework, including at least 24 credit hours of MPA coursework in SPA, and up to 18 credit hours from WCL
- Capstone experience: requirement completed through assignments in PUAD-610 Management Analysis and a reflective essay

MPA Course Requirements

Core (24 credit hours)

- PUAD-605 Quantitative Methods for Public Managers (3)
or
PUAD-601 Quantitative Methods for Policy Analysis I (3)
- PUAD-610 Management Analysis (3)
- PUAD-612 Introduction to Public Administration and the Policy Process (3)
- PUAD-630 Public Managerial Economics (3)
or
PUAD-670 Economics for Policy Analysis (3)
- PUAD-684 Organizational Analysis (3)
- Two courses from the following:
 - PUAD-602 Quantitative Methods for Policy Analysis II (3)
 - PUAD-609 Topics in Public Management (3)
 - PUAD-615 Public-Private Partnerships (3)
 - PUAD-617 Project Management (3)
 - PUAD-650 Leadership in a Changing Workplace (3)
 - PUAD-652 Facilitation and Team Development (3)
 - PUAD-665 Managing Human Capital Assets (3)
 - PUAD-696 Selected Topics: Non-recurring (3) (approved topic)
- One course in public finance, financial management, or government budgeting from the following, or other course approved by MPA advisor:
 - PUAD-631 Financing Government Services:
 - Expenditure Analysis (3)
 - Taxation (3)
 - PUAD-633 Budgeting and Financial Management (3)
 - PUAD-685 Topics in Policy Analysis and Management:
 - Public Finance in Developing Countries (3)

Internship

- Students without a significant professional work background participate in an internship and complete a survey on their experience. An internship may be taken for credit (PUAD-691). For students who have already begun their careers, a formal internship is optional.

JD Degree Requirements

- 86 credit hours of coursework required for the JD, of which at least 80 credits must be earned in WCL courses, including:
 - LAW-601 Administrative Law (3-4)
 - LAW-550 Legal Ethics (2-3)

Master of Public Administration (MPA) and Master of Laws (LLM)

American University's School of Public Affairs (SPA) and the Washington College of Law (WCL) jointly offer a dual degree program in law and public administration. The program is especially attractive for attorneys who hope to practice and innovate in the political, governmental and not-for-profit realms. The program provides a broad theoretical grounding in public administration and management, while also providing students with a practical education in the analysis and implementation of policy and law at all levels of government.

Admission to the Program

Applicants must satisfy the admission requirements of both the Department of Public Administration and Policy (DPAP)/SPA and Washington College of Law (WCL). Admission criteria are the same as those for the MPA. However, students who have been admitted to WCL will not be required to take the Graduate Record Examination (GRE). For entering law students, applications for this program are first reviewed by the WCL. Upon admission to WCL, the application is forwarded to SPA for review and decision. Currently enrolled WCL students may apply during their studies at WCL.

Admission to either the MPA or LLM program does not guarantee admission to the other. Students who have been admitted to the MPA program may apply to WCL. Students may begin their studies in SPA in their first semester of the LLM program.

Dual Degree Requirements

- 42 credits hours of approved graduate coursework, including 24 credit hours of MPA coursework in SPA, and 18 credit hours of law coursework in WCL

MPA Degree Requirements

- 42 credits hours of approved graduate coursework, including at least 24 credit hours of MPA coursework in SPA, and up to 18 credit hours from WCL
- Capstone experience: requirement completed through assignments in PUAD-610 Management Analysis and a reflective essay

MPA Course Requirements

Core (24 credit hours)

- PUAD-605 Quantitative Methods for Public Managers (3)
or
PUAD-601 Quantitative Methods for Policy Analysis I (3)

- PUAD-610 Management Analysis (3)
- PUAD-612 Introduction to Public Administration and the Policy Process (3)
- PUAD-630 Public Managerial Economics (3)
or
PUAD-670 Economics for Policy Analysis (3)
- PUAD-684 Organizational Analysis (3)
- Two courses from the following:
PUAD-602 Quantitative Methods for Policy Analysis II (3)
PUAD-609 Topics in Public Management (3)
PUAD-615 Public-Private Partnerships (3)
PUAD-617 Project Management (3)
PUAD-650 Leadership in a Changing Workplace (3)
PUAD-652 Facilitation and Team Development (3)
PUAD-696 Selected Topics: Non-recurring (3) (approved topic)
- One course in public finance, financial management, or government budgeting from the following, or other course approved by MPA advisor:
PUAD-631 Financing Government Services:
Expenditure Analysis (3)
Taxation (3)
PUAD-633 Budgeting and Financial Management (3)
PUAD-685 Topics in Policy Analysis and Management:
Public Finance in Developing Countries (3)

Internship

- Students without a significant professional work background participate in an internship and complete a survey on their experience. An internship may be taken for credit (PUAD-691). For students who have already begun their careers, a formal internship is optional.

LLM Degree Requirements

- 18 credit hours of coursework required for the LLM, including:
LAW-601 Administrative Law (3-4) or other approved course
and
3 credit hours from the following:
LAW-580 American Lawyer Seminar (3)
LAW-892 Washington Lawyer Seminar (3)

Master of Public Policy (MPP)

The Master of Public Policy (MPP) degree program provides students with a blend of analytical, contextual, ethical, and substantive skills and knowledge to advance the quality of advice given to policy makers in a variety of institutional settings in the United States and abroad.

Admission to the Program

Applicants must meet the minimum university requirements for graduate study. Admission decisions are based on each applicant's academic record, two letters of recommendation, test scores from the Graduate Record Examination (GRE), and an essay written by the applicant on his or her background and career interests. Applicants may substitute test scores from similar tests, such as the GMAT or LSAT, for the GRE where appropriate. Applicants who received their undergraduate degree more than eight years prior to their date of application may waive the requirement for test scores by submitting a statement describing their professional experience. Admission decisions are based on each applicant's total record and not on any single strength or deficiency.

Degree Requirements

- 39 credit hours of approved graduate work
- Capstone experience: requirement completed through assignments in PUAD-688 Policy Practicum

Course Requirements

Core (30 credit hours)

- PUAD-601 Quantitative Methods for Policy Analysis I (3)
(students may test out of PUAD-601 and substitute another approved course)
- PUAD-602 Quantitative Methods for Policy Analysis II (3)
- PUAD-603 Policy Process (3)
- PUAD-606 Foundations of Policy Analysis (3)
- PUAD-631 Financing Government Services:
Expenditure Analysis (3) *or*
Taxation (3)
- PUAD-670 Economics for Policy Analysis (3)
- PUAD-684 Organizational Analysis (3)
- PUAD-688 Policy Practicum (3)
- One of the following:
PUAD-604 Public Program Evaluation (3)
PUAD-607 Economics and Politics of Public Policy (3)
PUAD-671 Cost Benefit Analysis (3)
- One of the following:
PUAD-616 Legal Basis of Public Administration (3)
PUAD-617 Project Management (3)
PUAD-619 Ethical Issues in Public Policy (3)
PUAD-650 Leadership in a Changing Workplace (3)

Internship

- Students without a significant professional work background participate in an internship and complete a survey on their experience. An internship may be taken for credit (PUAD-691). For students who have already begun their careers, a formal internship is optional.

Area of Concentration (9 credit hours)

- 9 credit hours in an area of concentration:
Areas include: social policy; health policy; science, technology, and environmental policy; crime, public law, and policy; public financial management; public management; nonprofit policy, management, and leadership; international development; applied politics, including campaign management and women and politics; comparative public policy; and advanced policy analysis. Students may create special areas of concentration by consulting their academic counselor.

Combined Bachelor's and Master of Public Policy

American University offers students the opportunity to earn both undergraduate and graduate degrees through its combined bachelor's/master's programs. For more information, see page 57 of this catalog.

This program enables qualified students to earn, in a continuous plan of study, both a bachelor's degree with a major in any related discipline and the Master of Public Policy (MPP).

Requirements

- In addition to meeting the university requirements for bachelor's/master's programs, admission requires a minimum cumulative grade point average of 3.00, a completed application form (available from the Department of Public Administration and Policy (DPAP) and submitted to the MPP/BA advisor), a written faculty recommendation, an essay on the student's interests and abilities in public policy, and an interview with an academic advisor.
- All requirements for a bachelor's degree with a major in any related discipline
Undergraduate students may apply up to 15 credit hours of approved graduate-level coursework to satisfy the requirements for both degrees. Students take courses in statistics, public policy, economics, and other courses approved by the MPP director.
- All requirements for the MPP, including a minimum of 18 credit hours completed in residence in graduate status after the undergraduate degree has been awarded. Students must finish the master's degree requirements within three years from the date of first enrollment in the master's program.

Master of Public Policy (MPP) and Juris Doctor (JD)

Admission to the Program

Applicants must satisfy the admission requirements of both the Department of Public Administration and Policy (DPAP)/SPA and Washington College of Law (WCL). Admission criteria are the same as those for the MPP. However, students who have been admitted to WCL will not be required to take the Graduate Record Examination (GRE). Students may begin their studies in SPA after completing one year or the equivalent of full-time study at WCL. Admission to either the MPP or JD program does not guarantee admission to the other.

Dual Degree Requirements

- 107 credit hours of approved graduate coursework, including 27 credit hours of MPP coursework in SPA, and 80 credit hours of law coursework in WCL

MPP Degree Requirements

- 39 credits hours of approved graduate coursework, including 27 credit hours of MPP coursework in SPA, and 12 credit hours from WCL. At least 24 credit hours for the MPP must be taken in approved SPA courses.
- Capstone experience: requirement completed through assignments in PUAD-688 Policy Practicum

Course Requirements

Core (27 credit hours)

- PUAD-601 Quantitative Methods for Policy Analysis I (3) (students may test out of PUAD-601 and substitute another approved course)
- PUAD-602 Quantitative Methods for Policy Analysis II (3)
- PUAD-603 Policy Process (3)
- PUAD-606 Foundations of Policy Analysis (3)
- PUAD-631 Financing Government Services: Expenditure Analysis (3) *or* Taxation (3)
- PUAD-670 Economics for Policy Analysis (3)
- PUAD-684 Organizational Analysis (3)
- PUAD-688 Policy Practicum (3)
- One of the following:
PUAD-604 Public Program Evaluation (3)
PUAD-607 Economics and Politics of Public Policy (3)
PUAD-671 Cost Benefit Analysis (3)

Internship

- Students without a significant professional work background participate in an internship and complete a survey on their experience. An internship may be taken for credit (PUAD-691). For students who have already begun their careers, a formal internship is optional.

JD Degree Requirements

- 86 credit hours of coursework required for the JD, of which at least 80 credits must be earned in WCL courses, including:
LAW-601 Administrative Law (3-4)
LAW-550 Legal Ethics (2-3)

Master of Public Policy (MPP) and Master of Laws (LLM)

Admission to the Program

Applicants must satisfy the admission requirements of both the Department of Public Administration and Policy (DPAP)/SPA and Washington College of Law (WCL). Admission criteria are the same as those for the MPP. However, students who have been admitted to WCL will not be required to take the Graduate Record Examination (GRE). Students may begin their studies in SPA in their first semester of the LLM program. Admission to either the MPP or LLM program does not guarantee admission to the other.

Dual Degree Requirements

- 45 credits hours of approved graduate coursework, including 27 credit hours of MPP coursework in SPA, and 18 credit hours of law coursework in WCL

MPP Degree Requirements

- 39 credits hours of approved graduate coursework, including 27 credit hours of MPP coursework in SPA, and 12 credit hours from WCL. At least 24 credit hours for the MPP must be taken in approved SPA courses.
- Capstone experience: requirement completed through assignments in PUAD-688 Policy Practicum

Course Requirements

Core (27 credit hours)

- PUAD-601 Quantitative Methods for Policy Analysis I (3) (students may test out of PUAD-601 and substitute another approved course)
- PUAD-602 Quantitative Methods for Policy Analysis II (3)
- PUAD-603 Policy Process (3)
- PUAD-606 Foundations of Policy Analysis (3)
- PUAD-631 Financing Government Services: Expenditure Analysis (3) *or* Taxation (3)
- PUAD-670 Economics for Policy Analysis (3)
- PUAD-684 Organizational Analysis (3)
- PUAD-688 Policy Practicum (3)
- One of the following:
PUAD-604 Public Program Evaluation (3)
PUAD-607 Economics and Politics of Public Policy (3)
PUAD-671 Cost Benefit Analysis (3)

Internship

- Students without a significant professional work background participate in an internship and complete a survey on their experience. An internship may be taken for credit (PUAD-691). For students who have already begun their careers, a formal internship is optional.

LLM Degree Requirements

- 18 credit hours of coursework required for the LLM, including:
LAW-601 Administrative Law (3-4) or other approved course
and
3 credit hours from the following:
LAW-580 American Lawyer Seminar (3)
LAW-892 Washington Lawyer Seminar (3)

Master of Science in Organization Development (MSOD)

The Master of Science in Organization Development (MSOD) draws on the history of a unique partnership between American University and the NTL Institute for Applied Behavioral Science. This executive education program is well suited for individuals who intend to become organization development and change practitioners, whether as internal or external consultants, managers, executives and professionals. Graduates acquire knowledge and skills in organization development theory, research, strategy, methodology, change leadership, and consultation skills. They apply these competencies as consultants and leaders in the public, private, NGO and non-profit sectors. Coursework is designed for mid-career adults who are working full-time. Most classes meet on 3-day weekends once a month. There are two intensive Residency courses: Use of Self in Professional Practice and an International Residency. Students matriculate through the entire program as members of a cohort.

Admission to the Program

In addition to meeting the minimum university requirements for graduate study, applicants should have five or more years of full-time workplace experience. Candidates for admission who have fewer years of experience, or those with many years beyond college whose undergraduate GPA is not above a 3.0, may be admitted provisionally, with the requirement to complete four graded courses with a GPA of 3.00 or higher in order to be advanced to full standing.

Degree Requirements

- 33 credit hours of approved graduate work
- The research requirement is satisfied by completing two of the following courses with grades of B or better:
PUAD-641 Applied Research Methods
PUAD-642 Organization Theory and Diagnosis (3)
PUAD-646 Consultation and Coaching Theory and Skills
PUAD-677 Introduction to Organization Development and Change
- Written comprehensive examination

Course Requirements

- PUAD-010 Introduction to Experiential Education and the Learning Community (0)
- PUAD-641 Applied Research Methods (3)
- PUAD-642 Organization Theory and Diagnosis (3)

- PUAD-644 Implementing System Change (3)
- PUAD-646 Consultation and Coaching Theory and Skills (3)
- PUAD-648 Methods and Models of Change (3)
- PUAD-674 Practicum in Organization Development and Change (1-1.5) taken two to three times for a total of 3 credits hours
- PUAD-675 Organizational Analysis and Strategy (3)
- PUAD-677 Introduction to Organization Development and Change (3)
- 9 credits from the following:
PUAD-649 Topics in Human Resource Management:
Cultural Competence and Diversity (3)
International Fieldwork in Consultation (3)
Team Dynamics (3)
Use of Self in Professional Practice (3)

Graduate Certificate in Leadership for Organizational Change

This certificate program is designed for students interested in increasing their capacity to lead themselves and others toward the objective of significant organizational change.

Admission to the Program

Open to students with a bachelor's degree from an accredited institution.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above with grades of C or better.
Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). At the discretion of the department, a maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- PUAD-650 Leadership in a Changing Workplace (3)
- PUAD-654 Organizational Diagnosis and Change (3)
- 9 credit hours from the following or other courses with approval of the department:
PUAD-652 Facilitation and Team Development (3)
PUAD-658 Managing Conflict (3)
PUAD-665 Managing Human Capital Assets (3)
PUAD-684 Organizational Analysis (3)
or
9 credit hours of approved SPA graduate courses offered through a Key Executive Leadership Program contract

program, jointly selected and approved by the department and the contracting agency.

Course substitutions may be made with approval of the department.

Graduate Certificate in Nonprofit Management

This interdisciplinary certificate program encompasses course offerings from the School of Public Affairs, Kogod School of Business, and School of Communication, with the opportunity for students to select courses from the School of International Service and College of Arts and Sciences as well. It provides those currently working in the nonprofit sector a program combining both academic rigor and skill set training to enhance their performance in this growing work sector, as well as a foundation for master's degree students about to enter the field.

Admission to the Program

Open to students with a bachelor's degree from an accredited institution, some demonstration of capability either through an interview or application essay, and either three years of work experience or admission to an American University graduate degree program.

Certificate Requirements

- 18 credit hours of approved coursework with at least 9 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- ACCT-607 Financial Accounting (3)
or
FIN-630 Financial Analysis of the Firm: Concepts and Applications (3)
- COMM-642 Strategic Communication Management (3)
- MGMT-633 Leading People and Organizations (3)
or
MGMT-609 Management of Organizations and Human Capital (3)
- PUAD-681 Managing Nonprofit Organizations (3)
- 6 credit hours approved by a program advisor

Graduate Certificate in Public Financial Management

This certificate program is designed for government employees interested in expanding their knowledge and practical skills in public financial management. The main objective of the program is to provide students with a working knowledge of basic financial management techniques that are relevant to public sector financial operations.

Admission to the Program

Open to students with a bachelor's degree from an accredited institution.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- PUAD-605 Quantitative Methods for Public Managers
or
PUAD-601 Quantitative Methods for Policy Analysis I (3)
 - PUAD-630 Public Managerial Economics (3)
or
PUAD-670 Economics for Policy Analysis (3)
 - PUAD-633 Budgeting and Financial Management (3)
 - 6 credit hours from the following:
PUAD-631 Financing Government Services:
Expenditure Analysis (3)
Taxation (3)
PUAD-671 Cost Benefit Analysis (3)
PUAD-685 Topics in Policy Analysis and Management:
Public Finance in Developing Countries (3)
- Course substitutions may be made with approval of the department.

Graduate Certificate in Public Management

Admission to the Program

Open to students with a bachelor's degree from an accredited institution.

Certificate Requirements

- 15 credit hours of approved coursework with at least 6 credit hours at the 600-level or above with grades of C or better. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- PUAD-617 Project Management (3)
 - 12 credit hours from the following:
 - PUAD-609 Topics in Public Management:
 - State and Local Management (3)
 - PUAD-613 Global Governance and Public Policy (3)
 - PUAD-614 Development Management (3)
 - PUAD-615 Public-Private Partnerships (3)
 - PUAD-633 Budgeting and Financial Management (3)
 - PUAD-650 Leadership in a Changing Workplace (3)
 - PUAD-652 Facilitation and Team Development (3)
 - PUAD-654 Organization Diagnosis and Change (3)
 - PUAD-656 Managing Diversity (3)
 - PUAD-658 Managing Conflict (3)
 - PUAD-665 Managing Human Capital Assets (3)
 - PUAD-684 Organizational Analysis (3)
- Course substitutions may be made with approval of the department.

Graduate Certificate in Public Policy Analysis

This certificate provides students with a fundamental understanding of the tools necessary to conduct public policy analysis, including formal program evaluation, benefit-cost analysis, multivariate regression, and the criteria to assess the need for government intervention.

Admission to the Program

Open to students with a bachelor's degree from an accredited institution, demonstration of capability through test scores from the Graduate Record Examination (GRE), and an essay written by the applicant on his or her background and interests.

Certificate Requirements

- 15-18 credit hours of approved coursework with at least 6 credit hours at the 600-level or above with grades of C or better. Students with recent coursework in basic statistics may waive PUAD-601 by taking a short examination, all others must take the six courses listed below for a total of 18 credit hours. Grades of C- or D in certificate program courses are not accepted toward the fulfillment of certificate requirements, although these grades will be included in the calculation of the GPA. Students must have at least a 3.0 GPA in certificate courses in order to be awarded a certificate. Students in certificate programs must take a minimum of 6 credit hours during each 12-month period and complete the certificate in four years. International students must enroll in 9 credit hours each semester (except for summer). A maximum of 3 credit hours earned at an accredited college or university may be applied toward the certificate as transfer credit.

Course Requirements

- PUAD-601 Quantitative Methods for Policy Analysis I (3)
- PUAD-602 Quantitative Methods for Policy Analysis II (3)
- PUAD-604 Public Program Evaluation (3)
- PUAD-606 Foundations of Policy Analysis (3)
- PUAD-670 Economics for Policy Analysis (3)
- 3 credit hours as approved by advisor

Doctor of Philosophy (PhD) Public Administration

The mission of the PhD program is to educate scholars who produce original research that is methodologically sound, socially relevant, and makes important contributions to knowledge and theory.

Admission to the Program

Applicants are considered and admitted for the fall semester only. January 1 is the deadline for application for admission. All applicants must submit scores from the verbal and quantitative sections of the Graduate Record Examination (GRE). The normal minimum for consideration is a grade point average of 3.20 (on a 4.00 scale) in all previous academic work. Applicants are admitted for full-time study only.

Major Field

Public Administration

Degree Requirements

- 72 hours of approved graduate work is required for students entering the program with a bachelor's degree; a minimum of 48 hours is required of students who have completed an approved master's degree. A minimum grade point average of 3.2 in all coursework is required to remain in good standing and to earn the degree.
- Advancement to candidacy is accomplished by successfully completing a written qualifying examination on the major field at the end of the second semester of study.

- Students take two written comprehensive examinations, the first in public administration. The second field may be a concentration in the Department of Public Administration and Policy including policy analysis, public management, public finance, public administration and law, organizational theory, policy processes and institutions, or others with faculty approval. In addition, the second field may be a field elsewhere in the School of Public Affairs including American politics, comparative politics, justice, or law and society, or any other field offered in another doctoral degree-granting teaching unit. Under special circumstances, students may take a field outside American University, subject to the approval of the SPA director of doctoral programs.
- The PhD is fundamentally a research degree. Understanding scientific inquiry and correctly using research techniques require extensive preparation. All students in the program take three courses designed to help doctoral students comprehend the nature of science and master tools of research (see Course Requirements, below).
- Each student selects a research specialization in which he or she will complete an original project under the direction of program faculty and write a dissertation. Students may choose research projects within one of the major areas or they may select a research specialization from one of the other graduate fields within the school.

Each student prepares a research proposal for the dissertation project. It is the responsibility of the student to secure the agreement of a School of Public Affairs full-time tenured or tenure-track faculty member to serve as the chair of the dissertation committee. One of the two other members of the committee may be from outside the School of Public Affairs. Each student must publicly defend the research proposal before the dissertation committee and other interested faculty. The committee and the SPA director of doctoral programs (acting for the dean) must approve the defense and the research proposal. The topic covered by the proposal must be related to ongoing research or publications of the supervising faculty.

As work on the dissertation project progresses, students register for directed study. Substantive coursework may be used as part of this requirement where it contributes directly to the research specialization and is specifically recommended by the dissertation chair.

Upon completion of the research and the written dissertation, the candidate submits his or her manuscript to the dissertation committee for review. If the committee members approve the manuscript, the candidate must complete an oral defense of

the dissertation and the general field in which it lies before the committee and other interested faculty. The committee determines conclusively at this point whether the dissertation and examination are acceptable.

The dissertation must consist of high quality original research directly relevant to the student's doctoral program. A dissertation proposal may be rejected if the topic does not address a major research issue in political science or public administration, the research design is inadequate, the methodology is inappropriate, or because no full-time tenured or tenure-track faculty member in the School of Public Affairs is academically competent or available to supervise the project. If the candidate fails to maintain satisfactory progress toward completion of the dissertation, his or her candidacy may be terminated.

Course Requirements

Major Field (12 credit hours)

- PUAD-710 Proseminar in Public Administration
- 9 credit hours in advanced courses in public administration selected in consultation with the department

Second Field (6-12 credit hours)

- 6-12 credit hours in additional advanced courses in public administration selected in consultation with the department

Research Design and Methodology (12 credit hours)

- GOVT-612 Conduct of Inquiry I (3)
- GOVT-613 Conduct of Inquiry II (3)
- 6 additional credit hours in research methods courses from the following:
 - GOVT-614 Quantitative Research Designs (3)
 - GOVT-615 Research Design (3)
 - GOVT-704 Approaches to Political Understanding (3)
 - GOVT-720 Seminar in Policy Analysis:
 - Advanced Quantitative Methods (3)
 - JLS-604 Foundations of Knowledge (3)
 - Other approved methodology courses

Electives

- Depending on number of credits taken for the second field, up to 6 credit hours chosen in consultation with the department

Dissertation (12 credit hours)

- PUAD-799 Doctoral Dissertation Seminar (1-12)

Washington College of Law

Dean Claudio M. Grossman

Associate Deans for Academic Affairs

Mary L. Clark, Anthony E. Varona

Associate Dean for Development and Alumni

Relations Ruth Swanson

Associate Dean for Experiential Education

Robert D. Dinerstein

Associate Dean for Finance and Administration

Khalid Khalid

Associate Dean for Library and Information Resources

Billie Jo Kaufman

Associate Dean for Student Affairs David B. Jaffe

Associate Dean for Scholarship Stephen I. Vladeck

Assistant Dean for Academic Services and Registrar

Rebecca T. Davis

Assistant Dean for Admissions and Financial Aid

Akira Shiroma

Assistant Dean for Career and Professional Development

Traci Mundy Jenkins

Founded in 1896, the Washington College of Law (WCL) of American University combines a rigorous and challenging atmosphere for legal studies with a highly personal approach to teaching. WCL was established as a coeducational school to ensure that women, as well as men, would have the opportunity to study law. The school's origins underlie the faculty and administration's special interest in the future of women in the law and have led to a long tradition of providing full access to the study of law to those who have been excluded from the mainstream of the profession.

The Washington College of Law became a professional division of American University in 1949 and is fully accredited. It is a member of the Association of American Law Schools and is approved by the American Bar Association. The school meets the requirements for preparation for the bar in all states and carries the certification of the United States District Court for the District of Columbia, as well as the New York State Department of Education.

The focus of the curriculum is on the methodology, practical skills, and theories fundamental to the practice of law. This is carried out through a wide range of traditional course offerings, supplemented by an extensive clinical program, simulation courses, and an international law program. These educational offerings are complemented by the vast legal network of federal agencies, courts, regulatory commissions, international organizations, and law firms present in Washington.

Academic Programs

The academic program leading to the Juris Doctor (JD) degree is designed to allow students to develop special skills in public law, business and commercial law, international law, property and land use, and related fields. In addition to the JD program, Washington College of Law offers the Master of Laws (LLM) in International Legal Studies, Law and Government, and Advocacy, as well as the Doctor of Juridical Science (SJD). The LLM program in International Legal Studies permits specialization in one of eight areas: international business law, international environmental law, international human rights law, gender and the law, international commercial arbitration, free trade agreements and regional integration, international organizations, and international and comparative protection of intellectual property. The LLM program in Law and Government allows graduate studies in the broad areas of civil and constitutional rights, business and financial regulation (including banking, trade, securities, tax, and antitrust law and policy), and administrative law and regulatory practice (including health law and policy, labor and employment law and policy, intellectual property and information policy, environmental law and policy, and immigration law and policy). The LLM program in Advocacy provides opportunities for law graduates to enhance their legal advocacy skills in and out of the courtroom and combines a rigorous academic component and a breadth of practical litigation training.

WCL also participates in dual degree programs with other American University schools, which offer students the opportunity to receive both a JD from the Washington College of Law and a master's degree in International Affairs with the School of International Service; Justice, Law and Society, Public Administration (MPA), or Public Policy (MPP) with the School of Public Affairs; or Business Administration (MBA) with the Kogod School of Business. Dual degree LLM programs are also available with the MBA, MPA, or MPP.

American University's law school has a strong national and international substantive focus, offering a broad range of courses in addition to the basic program necessary for state bar examinations. Clinical programs involve students in providing representation, under close faculty supervision, of clients with pending legal problems. Students have responsibility for every phase of cases, from the initial client interview through the trial or appeal. The Clinics include Community and Economic Development Law, Criminal Justice, DC Law Students in Court, Disability Rights Law, Domestic Violence, General Practice, Glushko-Samuels Intellectual Property Law, Janet R. Spragens Federal Tax, Immigrant Justice, International Hu-

mans Rights Law, and Women and the Law. For more information, go to: www.wcl.american.edu/clinical.

Beyond the classroom, clinical programs, and supervised externships and field placements at federal, state, and local agencies, courts, and legislatures, academic offerings are enriched by an extensive independent study program allowing for intensive faculty-student work on complex legal research projects. In addition, Washington College of Law publications, including *The American University Law Review*, *The American University International Law Review*, *The Administrative Law Review*, *The American University Journal of Gender, Social Policy & the Law*, and *The American University Business Law Review* provide opportunities for students to develop expertise in traditional legal writing and research. For more information and a full listing of WCL publications, go to: www.wcl.american.edu/pub.cfm.

The basic first-year classes are taught using case analysis and dialogue as well as the problem method. First-year students take Civil Procedure, Constitutional Law, Contracts, Criminal Law, Property, Torts, and a year-long course in legal research and writing. Upper-class courses are mostly elective and include a wide variety of teaching styles and formats.

Law Library

The Pence Law Library is central to legal research for Washington College of Law students and faculty. In addition to extensive holdings of legal publications and periodicals, the Law Library provides access to databases such as LexisNexis, Westlaw, HeinOnline, BloombergBNA, ProQuest Congressional, and WorldCat, as well as the websites and catalogs of thousands of other libraries worldwide, including the Library of Congress, the libraries of all members of the Washington Research Library Consortium (WRLC) and the libraries of all other area law schools. Services to WCL alumni include offsite access to HeinOnline, JStor, and Academic Search, Alumni Edition. All holdings and databases can be searched through the Law Library's catalog, LEAGLE, at <http://leagle.wcl.american.edu/>.

The library's special collections include depositories of US and European Union documents; the Goodman Collection of Rare Law Books; the Richard Baxter Collection in International Law; a collection of litigation documents, including transcripts from the Iran Contra Controversy of the late 1980s; and the archives of the former National Bankruptcy Review Commission. A special collection of legal fiction containing over 1400 titles was also recently added. For more information on the Pence Law Library, go to: <http://library.wcl.american.edu/>.

Legal Study in Washington, DC

The Washington College of Law is located in the northwest section of the city a short distance from Congress, the Supreme Court, the United States District Court and Court of Appeals, and the Maryland, Virginia, and District of Columbia courts. Washington, DC is the center of all federal regulatory process, and is the principal home of every major federal agency, such as the Securities and Exchange Commission, the Federal Communications Commission, the Internal Revenue Service, and the Federal Trade Commission. Washington is also the base for cabinet-level departments such as the Department of Energy, the Department of Education, the Department of Justice, and other agencies which perform functions critical to the federal system and contribute to an environment for legal education unparalleled outside this city. Judicial, executive, and legislative internships form an integral part of the legal education of many WCL students.

In addition, Washington is the seat of the world's principal intergovernmental financial institutions, including the World Bank, the International Monetary Fund, and the Inter-American Development Bank. Also located in Washington are the Organization of American States and the International Telecommunications Satellite Organization. Private or nongovernmental organizations, among them Amnesty International and the International Human Rights Law Group, have offices in Washington, and a majority of the world's leading international law firms can be found here.

Taking advantage of this natural setting for legal study and work, WCL offers many unique courses taught by its full-time faculty and by specialists who are members of the adjunct faculty. Field components are available in various courts and government agencies, and are carefully supervised by faculty members and designated field supervisors. For second- and third-year students interested in part-time law-related jobs, the Career Services Office coordinates requests for law student employment from law firms, corporations, courts, and government agencies. Further, the law school offers a unique training program in federal regulatory process which has a separate lecture faculty of top-level officials from the government and private sector.

For information regarding Washington College of Law admissions, financial aid, or programs:

Office of Admissions

Washington College of Law

4801 Massachusetts Ave., NW, Suite 507

Washington, DC 20016-8085

phone: 202-274-4101

online: www.wcl.american.edu

Index of Course Descriptions by Course Subject Code

ACCT	Business: Accounting and Taxation	334	PHYS	Physics	449
AMST	American Studies	337	PSM	Professional Science Master's	451
ANTH	Anthropology	337	PSYC	Psychology	451
ARTH	Art: Art History	340	PUAD	Public Administration	455
ARTS	Art: Studio	344	PUBH	Public Health	461
ATEC	Audio Technology	346	REAL	Business: Real Estate	461
BIO	Biology	348	RELG	Religion	462
CHEM	Chemistry	351	SABD	Study Abroad	463
COMM	Communication	353	SISU	International Service Undergraduate	464
CSC	Computer Science	367	SIS	International Service	471
ECON	Economics	369	SISA	International Service Study Abroad	483
EDU	Education	375	SOCY	Sociology	488
ENVS	Environmental Studies	381	STAT	Statistics	491
FIN	Business: Finance	383	TESL	TESOL	493
GDES	Art: Graphic Design	386	UGST	Undergraduate Studies	494
GNEC	General Education	387	WGSS	Women's, Gender, and Sexuality Studies	494
GOVT	Government	387	WLC	World Languages and Cultures:	
HFIT	Health and Fitness	396		ARAB Arabic	495
HIST	History	400		CHIN Chinese	497
HNRS	University Honors	407		FREN French	498
IBUS	Business: International Business	408		GERM German	500
IDIS	Interdisciplinary	410		HEBR Hebrew	502
ITEC	Business: Information Technology	410		ITAL Italian	502
JLS	Justice, Law and Society	415		JAPN Japanese	503
JWST	Jewish Studies	421		KOR Korean	503
KSB	Business	421		PERS Persian	503
LIT	Literature	424		PORT Portuguese	503
MATH	Mathematics	430		RUSS Russian	503
MGMT	Business: Management	433		SPAN Spanish	504
MKTG	Business: Marketing	436		SWAH Swahili/Kiswahili	508
MUS	Performing Arts: Applied Music	439	WSEM	Washington Semester	508
PERF	Performing Arts	439			
PHIL	Philosophy	446			

Course Descriptions

Business: Accounting and Taxation

Undergraduate Courses

ACCT-240 Principles of Financial Accounting (3) An introduction to the accounting profession; business entities; and all elements of basic financial statements. Introduces financial statements as a communications link between firms and their stakeholders and as a basis for assessing managerial performance.

ACCT-241 Principles of Managerial Accounting (3) Students are introduced to cost measurement and analysis, budgeting, and performance evaluation. Focuses on how managers use accounting information as a basis for planning and controlling operations. *Prerequisite:* ACCT-240 with a grade of C or better.

ACCT-301 Introduction to Business Law (3) Introduction to U.S. laws governing the conduct of business affairs. Examines sources of law; the framework of civil procedure; and the nature of legal analysis. Includes an introduction to law of contracts; law of torts; and other topics.

ACCT-340 Intermediate Accounting I (3) The first of a two-course sequence on financial accounting and reporting. Provides a comprehensive overview of financial statements; considers issues involved in recognizing and measuring assets; equities; and income; introduces the rationale for accounting standards and techniques for researching existing standards; and applies these tools and techniques to accounting and reporting for revenues; receivables; inventories; cost of sales; fixed assets; and intangibles. *Prerequisite:* ACCT-240 and ACCT-241 (may be taken concurrently with permission of instructor or department chair).

ACCT-341 Intermediate Accounting II (3) The second of a two-course sequence on financial accounting and reporting. Students use concepts and techniques developed in ACCT-340 to study the accounting and reporting for liabilities; owners' equity; and the preparation and interpretation of the statement of cash flows. *Prerequisite:* ACCT-340.

ACCT-345 Cost Accounting and Strategic Cost Management (3) Provides an understanding of cost management concepts and the use of cost management to achieve organizational goals. Focuses on how management control systems for performance measurement; compensation; and allocation of decision rights interrelate. *Prerequisite:* ACCT-241.

ACCT-390 Independent Reading Course in Accounting (1-3) *Prerequisite:* permission of instructor and department chair.

ACCT-391 Internship in Accounting (1-6) Provides students with the opportunity to blend practical business work experience with academic study. The academic workload varies depending on the internship credit to be earned. *Prerequisite:* ACCT-241 with a grade of C or better.

ACCT-443 Federal Income Taxation of Individuals and Businesses (3) Introduction to federal income taxation of individuals, partnerships, and corporations, providing a broad overview of the importance of tax considerations in business decisions. *Prerequisite:* upper-division standing.

ACCT-444 Strategic Tax Planning for Business and Personal Financial Decisions (3) Building on basic concepts from ACCT-443, this course introduces strategies for tax planning and research. Students apply these strategies to a number of important tax issues. Tax compliance issues are also considered. *Prerequisite:* ACCT-443 with a grade of C or better.

ACCT-490 Independent Study Project in Accounting (1-3) *Prerequisite:* ACCT-241 with a grade of C or better, upper-division standing, and permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

ACCT-502 Advanced Business Law (3) Functions, form, and content of commercial paper; law of real and personal property; legal bibliography; legal requirements of business; and case research.

ACCT-547 Advanced Financial Reporting (3) Provides in-depth coverage of consolidated financial statements and of accounting and reporting for securities investments; business combinations; and partnerships. *Prerequisite:* ACCT-341 or ACCT-641.

ACCT-549 Contemporary Assurance and Audit Services (3) Introduces the role of the audit and assurance services in financial markets. Focuses on the ethical and legal obligations of audit professionals, practice standards, risk assessment and the evaluation of internal controls, audit evidence, levels of assurance, attestation requirements, and the impact of information technology on audit practice. *Prerequisite:* ACCT-340 or ACCT-641, or permission of instructor.

ACCT-550 Accounting Information Systems (3) Concepts and techniques of analyzing, designing, and implementing accounting information systems. Evaluation of computer- and non-computer-based information systems for organizations of various kinds. *Prerequisite:* ACCT-241 or ACCT-607 and ACCT-609.

ACCT-551 Forensic Accounting: Fraud Examination and Litigation Support (3) This course examines the nature of financial fraud and provides students with knowledge of the skills needed to identify and deter financial deceptions. Students are introduced to fraud examination techniques used by forensic accountants during various stages of an investigation and about the forensic accountant's role in the litigation process. *Prerequisite:* ACCT-340, or ACCT-607 and ACCT-609, or permission of instructor.

ACCT-560 Governmental and Not-for-Profit Accounting (3)

Accounting and financial reporting concepts and standards applicable to local, state, and federal governments, and non-profit entities such as colleges and universities, health care entities, and voluntary health and welfare organizations. Emphasizes the nature of governmental organizations and their financial characteristics and differences in reporting standards from the private sector. Financial management and audit issues particular to non-profits are also discussed. *Prerequisite:* ACCT-340 or ACCT-607 or permission of Director of the MS Accounting program.

Graduate Courses**ACCT-600 Ethics in Business and Accounting (3)**

Examines major ethical issues facing business with particular emphasis on the accounting profession. Includes the profit motive and the public good, social responsibility in corporations, environmental concerns, consumer and employee relations, confidentiality, whistle blowing, advertising, and hiring practices. The AICPA Code of Professional Conduct is studied and contrasted with ethical codes of other organizations and professions. The course also includes analysis of domestic and international case studies.

ACCT-601 Legal Aspects of Business and Governance (1.5)

An introduction to the legal issues involved in choosing, designing, and organizing an appropriate entity to carry on a business. Analysis of legal implications of the entity for management and governance of the business, including its disposition and liquidation. Emphasis is placed on special considerations for start-up businesses, changes in a legal entity because of growth or other circumstances, and positioning for domestic or international expansion or public financing.

ACCT-604 Tax Planning for Individuals and Business Enterprises (3)

A study of federal income tax laws relating to individuals, partnerships, and corporations. Detailed consideration to basic income tax concepts applicable to individuals, property and business transactions, corporations (including S Corporations) and their shareholders, partnerships, and limited liability companies. *Prerequisite:* ACCT-607 or permission of Director of the MS Accounting program.

ACCT-607 Financial Accounting (3)

Introduces the accounting model of the firm; the financial accounting cycle; and methods firms use to account for their operating; investing; and financing activities. Examines uses of accounting information; the roles of the accounting profession; and social, political, and economic influences on accounting policies and professional practices.

ACCT-609 Management Accounting (1.5)

Provides students with a working knowledge of the principles, concepts, and techniques of cost measurement, cost management, and modern management control systems used in practice, including job-order costing, cost behavior, cost-volume-profit analysis, traditional and activity-based product costing, intra-firm performance evaluation, and tools for performance measurement and decision-making. *Prerequisite:* ACCT-607 (may be taken concurrently).

ACCT-611 Cost Accounting for Strategic Management (3)

For students preparing for careers in accounting; management; management consulting; financial management; and financial analysis. Introduces concepts and tools needed to understand and effectively use managerial accounting information to monitor and control costs; plan operations; and measure; monitor; and motivate performance. *Prerequisite:* ACCT-609.

ACCT-623 Business Law (3)

An intensive introduction to the legal and ethical issues confronting the global business manager. Explores the legal system, legal processes, and several areas of commercial law relevant to the business manager, and also develops recognition of legal and ethical issues and their managerial implications. Examines product liability, the contract as the fundamental legal instrument of global commercial relations, agency, and the law of torts.

ACCT-630 Legislative and Judicial Foundations of Income Tax (3)

Legislative and judicial concepts common to all areas of income taxation. Emphasis on analysis of court decisions to trace the development of judicial doctrines. Subject areas include substance over form, characteristics of income, dispositions of assets, capital gains and losses, tax credits, limitations on business expenses and losses, and tax accounting principles. *Prerequisite:* admission to the graduate tax program or graduate accounting program or permission of Director of the MS Taxation program.

ACCT-631 Tax Research and Procedure (3)

Thorough analysis of techniques for performing sophisticated tax research including on-line services; treatises; IRS sources; and court decisions. Analysis of tax procedure including IRS organization; audit procedures; assessment; collection; and refunds; limitations; penalties; responsibility in tax practice. Emphasis on practical applications. *Prerequisite:* admission to the graduate tax program or graduate accounting program or permission of Director of the MS Taxation program.

ACCT-641 Corporate. Financial Reporting (3)

Application and use of financial accounting in a decision-making framework. Emphasizes corporate financial reporting strategies, preparation of financial statements, and interpretation of financial statements by external users. Examines issues related to income determination and valuation of assets, liabilities, and equity. *Prerequisite:* ACCT-607.

ACCT-670 International Accounting (3)

Basic concepts and technical issues in international accounting. A broad introduction to the international business dimension as a context for in-depth study of accounting in a multinational environment. Includes internationalization of accounting standards, currency translation problems, transfer pricing, and comparative practices in reporting. *Prerequisite:* ACCT-607 and ACCT-609.

ACCT-677 Financial Statement Analysis (3)

This course explores the use of financial statement information by investors and analysts as a basis for understanding a firm's current performance, assessing its future prospect and valuing ownership and other claims. The focus is on use of accounting information for equity valuation, but other applications are also considered. Meets with FIN-677. *Prerequisite:* ACCT-607 and FIN-614, or equivalent with permission of the chair of the Department of Accounting and Taxation.

ACCT-680 Advanced Forensic Accounting and Fraud Investigation (3) This advanced course focuses on the detection and investigation of business crimes with an emphasis on the forensic accountant's role in uncovering fraud. Topics include fraudulent financial statement analysis, fraud detection using electronic evidence, and legal issues that arise during the investigation and litigation process. Students also learn how to calculate damages, write an expert report, and testify in court. *Prerequisite:* ACCT-551.

ACCT-685 Topics in Accounting (1.5-3) Topics vary by section, may be repeated for credit with different topic. Rotating topics examine critical issues in accounting practice, accounting theory and interdisciplinary perspectives. In-depth coverage of topics such as issues in financial accounting, management accounting, assurance services, or accounting information systems.

ACCT-690 Independent Study Project in Accounting (1-6)
Prerequisite: permission of instructor, department chair, and associate dean.

ACCT-691 Internship (1.5) May be taken pass/fail only. *Prerequisite:* permission of instructor and department chair.

ACCT-725 Modern Management Control Systems (3) Integration of managerial aspects of accounting, business, and the functions of decision making, planning and control. Consideration of both quantitative and behavioral dimensions of contemporary accounting and management control systems. *Prerequisite:* ACCT-609.

ACCT-740 Taxation of Corporations (3) Income taxation of C corporations and their shareholders including formation capitalization, redemption, and liquidation rules. Emphasis on reorganizations, carryover of tax attributes, multiple corporations, consolidated returns, and financial reporting for income taxes. *Prerequisite:* ACCT-630 or admission to the graduate tax program or permission of Director of the MS Taxation program.

ACCT-741 State and Local Taxation (3) Examination of the constitutional and practical constraints on taxing jurisdiction of state and local governments; conformity with federal law, apportionment of income, multistate and multinational corporation problems, transaction taxes, property taxes, death and gift taxes. Detailed analysis of the Uniform Division of Income for Tax Purposes Act (UDITPA). *Prerequisite:* ACCT-630 or admission to the graduate tax program or permission of Director of the MS Taxation program.

ACCT-742 Special Tax Topics (1-3) Topics vary by section, may be repeated for credit with different topic. Rotating specialized tax topics or analysis of current tax legislation. Topics include taxation of banks, insurance companies, security transactions, tax exempt organizations, cooperatives, natural resources, or accounting periods and methods. *Prerequisite:* ACCT-630 or permission of Director of the MS Taxation program.

ACCT-743 International Taxation (3) U.S. tax law related to investment by U.S. persons overseas and foreign persons in the United States. Includes the foreign tax credit, Subpart F. PFICs, FSCs transfer pricing, FIRPTA, section 911, and the role of tax treaties. *Prerequisite:* ACCT-630 or permission of Director of the MS Taxation program.

ACCT-745 Employee Benefit Tax Planning (3) Analysis of income tax aspects of compensation benefits for employees at all levels and for self-employed persons. Detailed consideration of qualified pension and profit-sharing plans, individual retirement accounts, Keogh plans, statutory and nonstatutory stock options, and other fringe benefits (life insurance, medical plans, etc.). *Prerequisite:* ACCT-630 or permission of Director of the MS Taxation program.

ACCT-746 Taxation of Real Estate Transactions (3) Income tax aspects of acquiring, operating, and disposing of investment and personal real estate. Detailed consideration of deductions (including ACRS), conventional and creative financing techniques, foreclosures and repossessions, subdivision, sale/leaseback transactions, tax-deferred exchanges, involuntary conversions, sale of a principal residence, and special problems of agricultural property. *Prerequisite:* ACCT-630 or permission of Director of the MS Taxation program.

ACCT-747 Taxation of Pass-Through Entities (3) Income tax aspects of transfers to, distributions from, and operation of partnerships and S corporations. Consideration given to withdrawal or death of a partner, dissolution issues, sales and exchanges of partnership interests, special partnership allocations, and penalty taxes on S corporations. *Prerequisite:* ACCT-630 or permission of Director of the MS Taxation program.

ACCT-750 Tax Policy (3) Study of the economic, social, ethical, and political forces in the development of tax policy. Specifically addressed are alternative approaches to taxing income, the practical political environment of enacting tax legislation, and the international influences on U.S. tax policy. *Prerequisite:* ACCT-630 and 3 credit hours of coursework in economics, or permission of Director of the MS Taxation program.

ACCT-751 Seminar in Business Tax Planning (3) Use of case methodology to integrate tax considerations with accounting, economic, managerial, and nontax legal considerations for planning business transactions. Includes organization, operation and liquidation of closely held businesses, including C corporations, partnerships, limited liability companies, and S corporations. *Prerequisite:* permission of Director of the MS Taxation program.

ACCT-752 Estate and Financial Family Tax Planning (3) An examination of income, estate, and gift tax rules coupled with nontax legal and financial considerations in establishing a tax-efficient wealth transfer plan within a family. Includes detailed analysis of the income taxation of estate and trusts (Subchapter J). Estate planning legal mechanisms, charitable and family gifts, private foundations, and issues in disposing of closely-held business interests are also studied. *Prerequisite:* ACCT-630 or permission of Director of the MS Taxation program.

ACCT-760 Advanced Auditing and Professional Practice (3) Advanced study of auditing theory, standards, and practices as well as other contemporary issues in professional accounting practice. Includes standard setting processes, legal and ethical responsibilities, statistical sampling, information systems audits, internal/operational audits, government compliance audits, and international auditing standards. Also examines the contemporary environment of the accounting profession and the evolution of professional practice. *Prerequisite:* ACCT-549.

ACCT-780 Seminar in Accounting Theory (3) Examination of the development of accounting theory and, in the context of the current state of the accounting theory, a critical analysis of contemporary accounting issues including ethical and professional implications. Review of relevant literature related to advanced accounting topics. Students hone communication skills in the context of advanced accounting thought; gain insight into accounting research and analytical skills; and develop the ability to reason through complex reporting situations using existing standards and principles. *Prerequisite:* ACCT-641 or permission of program director.

ACCT-797 Master's Thesis Seminar (3-6) *Prerequisite:* permission of department chair.

American Studies

Undergraduate Courses

AMST-140 Washington, D.C.: Life inside a Monument (3) Explores the unique nature of Washington, D.C. as a transnational city, the nation's capital, and a regional center for art, community activism, and politics in the region. Usually offered every term.

AMST-200 American Dreams/American Lives (3) Introduction to the interdisciplinary study of American culture, past and present. Emphasizes reading critically, thinking historically, practicing interdisciplinarity, and acknowledging diversity. Students analyze and synthesize multiple kinds of primary sources (such as fiction, film, music, art) and disciplinary perspectives (sociology, economics, media criticism) to better appreciate the complexity of American life and culture. Usually offered every fall.

AMST-240 Poverty and Culture FA4 (3) Students explore and debate rival theories about the causes and consequences of poverty. Why poverty occurs, why certain people are poor, how poverty influences family and community life, and how the poor respond to their situation and sometimes try to change it. Usually offered every spring.

AMST-320 American Cultural History (3) Topics vary by section, may be repeated for credit with different topic. Courses explore political and economic affairs, international relations, social change, literature, drama, music, and fine and popular arts in American history. Usually offered every term.

AMST-330 Contemporary American Culture (3) Topics vary by section, may be repeated for credit with different topic. Interdisciplinary explorations of American media, politics, ethnography, literature, and art. Usually offered every term.

AMST-340 Community Activism and Regional Studies (3) Topics vary by section, may be repeated for credit with different topic. Explores the contemporary and historical development of Washington D.C. and the Chesapeake region; or invites students to interact with communities and the environment in the area. Usually offered every term.

AMST-390 Independent Reading Course in American Studies (1-6) *Prerequisite:* permission of instructor and program director.

AMST-400 Interpreting American Culture (3) Seminar in American Studies theory and methods. Discusses emerging and controversial approaches to American culture while teaching students to analyze a variety of primary sources such as TV shows, films, art, and new media. Usually offered every spring. *Prerequisite:* AMST-200.

AMST-410 Senior Thesis (3) Original interdisciplinary research as a capstone to the major. Usually offered every term. *Prerequisite:* AMST-400.

AMST-490 Independent Study Project in American Studies (1-6) *Prerequisite:* permission of instructor and program director.

AMST-491 Internship in American Studies (1-6) Practical experience in a local organization such as a government office, museum, arts agency, or social action group. The internship is supervised by faculty and helps students to translate American Studies theory and method into professional skills and opportunities. *Prerequisite:* AMST-200 and permission of instructor and program director.

Anthropology

Undergraduate Courses

ANTH-110 Culture and the Human Experience FA3 (3) People around the world create and use systems of symbols to express their identities as members of social groups. This course draws on diverse life-cycle experiences in tribal, state-level, and post-colonial societies to explore ways that both tradition and contact with other cultures contribute to the cultural pluralism of the contemporary world. Usually offered every term.

ANTH-150 Anthropology of Life in the United States FA4 (3) How race, gender, class, ethnicity, age, and region affect Americans' experiences of interwoven historical, economic, political, scientific, religious, and cultural processes. Usually offered every fall.

ANTH-210 Roots of Racism and Interracial Harmony FA3 (3) Examines why racism has often characterized the relations between human groups, and compares these cases with other societies which have been nonracist. Social stratification, ideas about the nature and role of individuals, and economic factors are considered within and across cultures. The course links analysis of the past to possible social action. Usually offered every term.

ANTH-215 Sex, Gender, and Culture FA3 (3) How economic systems, social structures, and values construct and redefine biological distinctions between women and men. Includes gender in egalitarian societies; origins and consequences of patriarchy; gay and lesbian cultures; gender, politics, and social change. Case studies from tribal, state-level, and post-colonial contexts. Usually offered every term.

ANTH-220 Living in Multicultural Societies FA3 (3) Foreign trade, foreign aid, tourism, and migration establish ties between peoples and cultures in spite of political and historical divisions. This course examines the effect of international migration and the growing "one-world" economy on the daily lives of peoples around the world and in the emerging multicultural urban centers in the United States. Usually offered every spring.

ANTH-225 Language and Human Experience FA1 (3) Examines language and its contribution to creativity, and how knowledge of language enriches human experience. Includes imagery and metaphor building through language; the effects of topic, speaking situation, and gender on creativity in tribal, state-level, and post-colonial contexts; and ways written language recasts and redefines human imagination. Usually offered every fall.

ANTH-230 India: Its Living Traditions FA3 (3) The rich diversity among peoples and cultures of India through time and the significance of various traditions for contemporary life. Individual experiences of caste, class, gender, and sect are examined, as are outside influences on social patterns and modes of thought, revealing complex interplay between tradition and modernity, India and the West. Usually offered every spring.

ANTH-235 Early America: The Buried Past FA2 (3) An introduction to how archaeology reconstructs this country's historic past. The course looks at the way archaeologists use both artifacts and written records to tell the story of life in the seventeenth through the nineteenth centuries. Emphasis on artifact and document interpretation, architecture, consumerism, African diaspora, and early non-Anglo settlers. Usually offered every spring.

ANTH-250 Human Origins FA5 (3) The contributions that physical anthropology and archaeology can make toward an understanding of the origins and development of humankind. Includes genetics, the principles of evolution as applied to humans, the nonhuman primates and their behavior, human fossils, and the archaeology of the New and Old Worlds. Usually offered every fall.

ANTH-251 Anthropological Theory (3) Exploration of a variety of current perspectives in cultural anthropology. The kinds of questions anthropologists ask in seeking to understand cultural variation and diverse human experience. The relevance of anthropology to life in a changing, multicultural world.

ANTH-253 Introduction to Archaeology (3) Archaeology as a subfield of anthropology. Includes the history of archaeology, methods of archaeological excavation and analysis, the historical archaeology of seventeenth and eighteenth century America, paleolithic archaeology in the Old World, the prehistory of North and South America, and other current discoveries and issues within the field. Usually offered every spring.

ANTH-254 Language and Culture (3) Examines connections between language, culture, and society. Includes grammars as systems of knowledge; language and cognition; structure of everyday discourse; language diversity; speech communities; language change; and literacy and language planning. Usually offered every spring.

ANTH-330 Magic, Witchcraft, and Religion (3) A comparative study of magic, witchcraft, and religion in Western and non-Western societies. Includes an analysis of ritual behavior and the ritual process, mythology, sorcery, and revitalization movements. *Prerequisite:* ANTH-251 or permission of instructor.

ANTH-331 Taboos (3) Exploration of those persons, items, experiences, and acts which so frighten and repel humans that they try to prohibit them. Includes discussion of subjects rich in taboo and sensitivity including sexuality, witchcraft, cannibalism, human-animal relations, madness, and death. Why taboos emerge, how they are enforced, and when they are violated. *Prerequisite:* ANTH-251 or permission of instructor.

ANTH-334 Environmental Justice (3) Focuses on issues of inequalities attending the destruction of resources, the siting of dangerous facilities, dumping of toxic wastes, and the development of technologies that harm some people while benefitting others. Case studies from North America, Latin America, Africa, the Arctic, Pacific, and Caribbean examine questions about history, social relations, power, connections among the world's societies, and competing values.

ANTH-337 Anthropology of Genocide (3) Examines questions concerning how individuals, groups, and social institutions legitimize the power to repress, coerce, and kill, how victims experience and interpret their suffering, how "ordinary people" come to accept and justify violent regimes, and the possibility of constructing an understanding of genocide that extends across cultures and from individual impulse to global conflict. Case studies include genocide in the Americas, the Nazi Holocaust, and ethnic cleansing in Central Africa and Eastern Europe.

ANTH-350 Special Topics (3) Topics vary by section, may be repeated for credit with different topic. Cross-cultural comparison and analysis within selected culture areas. Rotating topics include human osteology, language and sexuality, student activism and social justice, and archaeology of the Chesapeake Bay region.

ANTH-390 Independent Reading Course in Anthropology (1-6) *Prerequisite:* permission of instructor and department chair.

ANTH-439 Culture, History, Power, Place (3) Topics vary by section, may be repeated for credit with different topic. Examination of a particular culture area to provide insight into the conditions that produced distinctive cultures in certain geographical regions. Rotating culture areas include North American Indians, Latin America, Mexico and Central America, African American women, India, Africa, China, and Japan. Meets with ANTH-639. Usually offered every term.

ANTH-440 Contemporary Ethnographies (3) Surveys theory through the original writings of anthropologists. Contemporary perspectives and debates in anthropology examined through close, critical readings of cutting-edge studies. These readings reflect current approaches in the field such as culture and political economy, postmodern multi-vocal texts, feminist ethnographies, and post-colonial writing. How ethnographies are crafted, including how authors contextualize their subject and their own involvement, uses of evidence, and literary devices. *Prerequisite:* ANTH-251 or permission of instructor.

ANTH-450 Anthropology of Power (3) Capstone seminar for anthropology majors which explores a central question for the discipline, the exploration of power. Examines the questions of how people experience and articulate power relations, how power is legitimized, where power comes from, how power relations shift over time and place, and how the study of power enriches and infuses anthropological studies. Usually offered every spring. *Prerequisite:* anthropology major with at least 36 credit hours of courses in the major.

ANTH-452 Anthropological Research Methods (3) An introduction to research methods used within the field of anthropology, including ethnography, the distinctive tool of the field. Includes research design, data collection, quantitative and qualitative analysis. Ethics and pragmatics of research are discussed, including research funding and proposal writing. *Prerequisite:* ANTH-251 and one other course in anthropology.

ANTH-490 Independent Study Project in Anthropology (1-6) *Prerequisite:* permission of instructor and department chair.

ANTH-491 Internship in Anthropology (1-6) *Prerequisite:* permission of instructor and department chair.

ANTH-498 Senior Thesis in Anthropology (1-6) May be repeated for credit but not within the same term, for a maximum of 6 credit hours. Opportunity for qualified undergraduates to carry out anthropological research under supervision of members of the faculty. Development of a written paper and participation in senior thesis seminar are required. Usually offered every term. *Prerequisite:* permission of department chair.

Graduate and Advanced Undergraduate Courses

ANTH-060 Summer Field School: Archaeology (0) Noncredit participation in the excavation of an archaeological site. Training varies depending on the site, but usually includes site surveying, archaeological engineering, techniques of excavation, flora, fauna, and soil analysis, field laboratory practice, and on-site computer data processing. Usually offered every summer.

ANTH-531 Topics in Archaeology (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include historical archaeology, artifact analysis, archaeology of the Chesapeake, archaeology of the Potomac Valley, Aztec, Inca, and Maya, and archaeology and politics.

ANTH-533 Managing Cultural Resources (3) Explores the field of cultural resources management and preservation. This course examines the range of resources—from archeological sites to historic structures to living communities—that are often given protected status and the reasons for such protection. Also considers the benefits to society of this protection, along with the available policies, processes, and laws that are utilized in the preservation effort. *Prerequisite:* ANTH-253 or ANTH-531, or permission of instructor.

ANTH-534 Class and Culture (3) Discussion of the way that anthropologists have used and developed the concept of class as a way to understand patterns of social inequality. The variation in relationships of class to economic, social, and political structures in different societies and how class experiences and struggles influence and are influenced by the cultural norms and values in different social systems. *Prerequisite:* two courses in anthropology or graduate standing.

ANTH-535 Ethnicity and Nationalism (3) Ethnicity has become a universal means for groups to defend their interests, avoid alienation, and create powerful rituals of self-preservation and defense. This course examines ways that groups in complex societies and new nations use ethnicity and nationalism to express and enact community and identity, similarity and difference, peaceful social relations, warfare, and genocide. *Prerequisite:* two courses in anthropology or graduate standing.

ANTH-537 Topics in Language and Culture (3) Topics vary by section, may be repeated for credit with different topic. Comparative perspectives on the interrelationships of cultural and linguistic patterns in different societies. Case studies focus on language variation and pluralism, social hierarchies, gender diversity, language history, colonialism, and nation building.

ANTH-541 Public Anthropology and State Policy (3) This course traces shifting relationships among governments, anthropologists, and ordinary people. Readings and class discussions explore the rise of “applied” anthropology as part of the processes of colonialism and capital accumulation. Also covered are colonial encounters, immigration and internment, neocolonialism, and structural adjustment. *Prerequisite:* two courses in anthropology or graduate standing.

ANTH-542 Reinventing Applied Anthropology (3) Explores efforts to build a public anthropology which advances popular struggles for economic freedom, human rights, and social justice while maintaining a critique of state power. The course also examines how such work engages conventional approaches to research, publication, and career advancement, and suggests pathways to alternative anthropological careers. *Prerequisite:* two courses in anthropology or graduate standing.

ANTH-543 Anthropology of Development (3) Anthropological approaches to the analysis of economic development and change, with attention to both theory and practice. Development problems as perceived at the local level, contemporary development concerns, and the organization of development agencies and projects. Usually offered every fall. *Prerequisite:* two courses in anthropology or international service, or graduate standing.

ANTH-544 Topics in Public Anthropology (3) Topics vary by section, may be repeated for credit with different topic. The application of anthropological method and theory to solving problems in contemporary society. Rotating topics include anthropology of education, health, culture and illness, public archaeology, media activism, and anthropology of human rights.

ANTH-550 Ethnographic Field Methods (3) Using a series of research exercises, students learn how to collect genealogies, gather censuses of research populations, conduct directed and nondirected interviews, map research areas, work with photographic data, collect life histories, observe as participants, write research proposals, and evaluate data. Ethical and methodological fieldwork problems are stressed throughout. *Prerequisite:* two courses in anthropology or graduate standing.

ANTH-560 Summer Field School: Archaeology (1-9) Topics vary by section, may be repeated for credit with the same topic. Active participation in the excavation of an archaeological site. Training varies depending on the site, but usually includes site surveying, archaeological engineering, techniques of excavation, flora, fauna, and soil analysis, field laboratory practice, and on-site computer data processing. Usually offered every summer.

ANTH-590 Independent Reading Course in Anthropology (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

ANTH-631 Foundations of Social and Cultural Anthropology

(3) This seminar reviews a selection of major works at the foundation of contemporary socio-cultural anthropology. The focus is on classic works that illustrate the theoretical perspectives, analyses, and trends in the field. The central concern is how anthropologists and other social scientists have defined the field, the kinds of questions they have asked, and the methods they have used, in the broadest sense, to answer those questions. Usually offered every fall.

ANTH-632 Contemporary Theory: Culture, Power, History

(3) This course addresses developments and debates in anthropology over the last three decades, looking at how central concerns in anthropology are recast over time, as well as how new concerns emerge with new theory. The course grounds the central concept of culture in analyses that emphasize its relationship to historical process as well as class, race, and gender, and the use and abuse of the culture concept in struggles for identity, dominance, and liberation. Usually offered every spring.

ANTH-634 Foundations of Archaeology

(3) Topics vary by section, may be repeated for credit with different topic. This course explores archaeological theories and frameworks that have emerged or seen strong developments since ca. 2000, such as labor, sexuality, queer, identity, pragmatist, and phenomenological theories. The centrality of theories in the broader practice of anthropological archaeology and how the broader political climate influences the emergence and decline of particular interests of archaeological theory is discussed. Usually offered every fall.

ANTH-635 Race, Gender and Social Justice

(3) Topics vary by section, may be repeated for credit with different topic. This seminar explores the disjunction between biological myths of race and gender and their social construction as credible institutions; the historical, economic, and political roots of inequalities; the institutions and ideologies that buttress and challenge power relations; and the implications of social science teaching and research for understanding social class, race, and gender discrimination. Issues of advocacy for social change are also explored. Usually offered every spring. *Prerequisite:* permission of instructor.

ANTH-637 Discourse, Text, and Voice

(3) Topics vary by section, may be repeated for credit with different topic. This seminar reviews current approaches to studies of narrative and conversation, and the insights into social location, ideology, and claims to power which such studies disclose. Usually offered every spring. *Prerequisite:* graduate standing in anthropology or permission of instructor.

ANTH-639 Culture, History, Power, Place

(3) Topics vary by section, may be repeated for credit with different topic. Examination of a particular culture area to provide insight into the conditions that produced distinctive cultures in certain geographical regions. Rotating culture areas include North American Indians, Latin America, Mexico and Central America, African American women, India, Africa, China, and Japan. Meets with ANTH-439. Usually offered every term.

ANTH-640 Current Issues in Anthropology **(3)** Topics vary by section, may be repeated for credit with different topic. Rotating topics include issues such as social inequality, urban nature, militarism and state violence, reading/resisting neoliberalism, and Southwest archaeology. Usually offered every term. *Prerequisite:* graduate standing in anthropology or permission of instructor.

ANTH-652 Anthropological Research Design

(3) An introduction to research methods used within the field of anthropology, including ethnography, the distinctive tool of the field. Includes research design, data collection, quantitative and qualitative analysis. Ethics and pragmatics of research are discussed, including research funding and proposal writing. Usually offered every spring. *Prerequisite:* graduate standing in anthropology or permission of instructor.

ANTH-690 Independent Study Project in Anthropology

(1-6) *Prerequisite:* permission of instructor and department chair.

ANTH-691 Internship in Anthropology

(1-6) *Prerequisite:* permission of instructor and department chair.

ANTH-797 Master's Thesis Seminar

(1-6) Usually offered every term. May be taken SP/UP only.

ANTH-799 Doctoral Dissertation Seminar

(1-24) Usually offered every term. May be taken Pass/Fail only.

ANTH-897 Dissertation Preparation Workshop

(1-9) This course facilitates preparation of the doctoral dissertation proposal and achievement of candidacy and includes strategies for preparation for comprehensive examinations, getting external funding, practical preparation for fieldwork, meeting challenges to doing research, analyzing data, and completing the dissertation in a timely fashion. May be taken pass/fail only. *Prerequisite:* admission to PhD program.

ANTH-898 Doctoral Continuing Enrollment

(1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

ANTH-899 Doctoral Dissertation

(1-9) May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

Art: Art History

Undergraduate Courses

ARTH-105 Art: The Historical Experience FA1

(3) Introduction to Western art and architecture from ancient times to the twentieth century, with some discussion of non-Western cultures. Case studies of major works and artists such as the Great Pyramids, the Parthenon, Chartres Cathedral, Michelangelo, Rembrandt, and Picasso provide a foundation for understanding art in its aesthetic, historical, social, and political contexts. Also covers materials, techniques, and practices of art-making, and introduces key stylistic innovations. Usually offered every term.

ARTH-201 Mediterranean Art (3) Offered as part of the AU Abroad Madrid and the Mediterranean program. An introduction to Mediterranean history and art, centered chronologically on art movements with emphasis on the differences between Spanish art and its Mediterranean counterparts. The course is an in-depth study of painting, sculpture, and architecture that includes stylistic as well as thematic manifestations, examining art in the Mediterranean from cave paintings to the twentieth century from a variety of cultures and geographic regions, and introducing students to stylistic periods, major works and artists, and the traditional methods of art history. Usually offered every fall.

ARTH-205 Art of the Renaissance FA2 (3) Architecture, sculpture, painting, and prints of renaissance Italy and Northern Europe. Considers the interplay of art with philosophy, theology, and social change, and examines the artistic legacy and rich creative achievements of a culture inspired by classical antiquity. Usually offered every spring.

ARTH-210 Modern Art: Nineteenth and Twentieth Centuries FA1 (3) Introduction to the art of the modern period, primarily in Europe. Presents major artists in aesthetic, cultural, historical, and political contexts and addresses issues of avant garde change, critical imagination, and gender difference in relation to expanding conceptions of creative self-expression. Usually offered every term.

ARTH-225 Buddhist Arts of Asia FA1 (3) An introductory survey of Asian art that emphasizes Buddhist painting, architecture, calligraphy, and sculpture of India, China, Korea, and Japan from ancient to contemporary. Explores religious meaning, spiritual aesthetics, and the reinvention of religious tradition.

ARTH-250 Art History of the World Regions (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics offered through various AU Abroad programs, including analysis of major artists, groups, and stylistic developments of a specific region and time period. Topics explore the historical, cultural, and social contexts of the artists and works discussed and may focus on several forms of visual art/culture, including architecture, sculpture, painting, prints, and installations, and include on-site visits to museums and galleries, as well as architectural and archeological locations.

ARTH-303 Medieval Art: Romanesque and Gothic (3) Surveys painting, sculpture, architecture, the book arts, and stained glass across Europe from the tenth to the fourteenth centuries. Examines relationships between the visual arts and the social, political, and religious fabric of specific historical moments. Demonstrates the material and stylistic complexities of art-making, as they relate to interpretation, within specific historical settings. Explores transnational interactions and influences. Usually offered alternate springs. *Prerequisite:* ARTH-105.

ARTH-307 International Baroque Art (3) Explores developments in seventeenth-century northern and southern European (Italy, France, England, Spain, and the Netherlands) art, including works by Bernini, Artemisia Gentileschi, Rubens, Rembrandt, Velazquez, and Poussin. Evaluates rise of Baroque art through intersecting cultural and social ideologies, including religion, politics, economics, race, gender, and art theory. Usually offered alternate falls. *Prerequisite:* ARTH-105 or ARTH-205.

ARTH-320 Introduction to the Arts of Japan (3) A survey of the arts in Japan from ancient to contemporary that covers a wide range of materials, including sculpture, calligraphy, ink, paintings, architecture, photography, and woodblock prints. Emphasizes historical and social contexts and the relations of power involved in the viewing and collection of Japanese art.

ARTH-335 Twentieth Century Women Artists of the Americas (3) This course focuses on women artists' contributions to twentieth century art in the United States, Canada, Mexico, the Caribbean, and Latin America. It examines women's struggles and successes, their iconographic and stylistic interests, and the analysis of their works in relation to theories of gender, feminism, postmodernism, and postcolonialism. Usually offered alternate springs. *Prerequisite:* ARTH-105 and ARTH-210 or permission of instructor.

ARTH-350 Regional Studies in Art History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics offered through various AU Abroad programs, including analysis of major artists, groups, and stylistic developments of a specific region and time period. Topics explore the historical, cultural, and social contexts of the artists and works discussed and may focus on several forms of visual art/culture, including architecture, sculpture, painting, prints, and installations, and include on-site visits to museums and galleries, as well as architectural and archeological locations.

ARTH-401 Italian Art: Early Renaissance (3) Developments in Florence, Siena, and Venice in the fourteenth and fifteenth centuries, including the classical revival, narrative, linear perspective, and the role of social and theoretical factors in the practice of art. Emphasis on major figures such as Giotto, Duccio, Masaccio, Piero della Francesca, Botticelli, and Giovanni Bellini. Meets with ARTH-601. Usually offered every third semester. *Prerequisite:* ARTH-105 and ARTH-205 or equivalent.

ARTH-402 Italian Art: High Renaissance (3) Development of high Renaissance and early Mannerist styles in Rome, Venice, and Florence in the first half of the sixteenth century. Major artists emphasized include Leonardo da Vinci, Michelangelo, Raphael, Giorgione, and Titian. Includes consideration of issues such as the elevation of artists' social status and the emergent concept of artistic genius. Meets with ARTH-602. Usually offered every third semester. *Prerequisite:* ARTH-105 and ARTH-205 or equivalent.

ARTH-403 Italian Art: Late Renaissance and Early Baroque (3) Examines Italian art from the mid-sixteenth through early seventeenth centuries, considering the flourishing of art theory, late Mannerist and early Baroque style, and the significant emergence of female artists. Artists include Bronzino, Vasari, late Titian and Michelangelo (sculpture and painting), Tintoretto, Veronese, Sofonisba Anguissola, the Carracci, Caravaggio, and Artemisia Gentileschi. Meets with ARTH-603. Usually offered every third semester. *Prerequisite:* ARTH-105 and ARTH-205 or equivalent.

ARTH-411 Modern European Art: Rococo to Realism (3) A survey of European art from 1900 to 1945, focusing on stylistic and conceptual innovations within their social and political contexts, including changing definitions of modernity and modernism; primitivism and colonialism; the rise abstraction; and "high" art's relation to mass culture. Artists include Wassily Kandinsky, Henri Matisse, Pablo Picasso, Hannah Hoch, and Marcel Duchamp. Meets with ARTH-611. Usually offered alternate years. *Prerequisite:* ARTH-105 and ARTH-210 or equivalent.

ARTH-412 Modern European Art: Impressionism and Post-Impressionism (3) Focus on major Impressionist and Post-Impressionist artists including Manet, Monet, Degas, Cassatt, Morisot, Seurat and the Neo-Impressionists, Cezanne, Gauguin and the Symbolists, and Van Gogh. Also studied are Toulouse-Lautrec, Bonnard, and Vuillard. Meets with ARTH-612. Usually offered alternate years. *Prerequisite:* ARTH-105 and ARTH-210 or equivalent.

ARTH-413 Modern European Art: Expressionism to Surrealism (3) Analyzes the development of Fauvism and Cubism in the art of Picasso and Braque, Sonia and Robert Delaunay, and the Italian Futurists. Also studied are Munch and the German Expressionists, the non-objective styles of Kandinsky and Mondrian, and the Dada and Surrealist movements. Meets with ARTH-613. Usually offered alternate years. *Prerequisite:* ARTH-105 and ARTH-210 or equivalent.

ARTH-414 Women and the Avant-Garde (3) The late nineteenth and early twentieth centuries witnessed increasing professional opportunities for women artists, yet the status of women in Impressionism, Expressionism, Constructivism, and Surrealism remained ambivalent. This course explores the complex experiences of such avant-garde artists as Berthe Morisot, Julia Margaret Cameron, Camille Claudel, Sonia Delauney, and Frida Kahlo. Meets with ARTH-614. Usually offered alternate springs. *Prerequisite:* ARTH-105 and ARTH-210 or equivalent.

ARTH-415 Museums and Society (3) Explores the intersection of the museum and its public from the late eighteenth century to the present. Topics include the formation of collections and organization of exhibitions; changing modes of display; architecture and wall text; the economics of the art world; politics and cultural property; and race, gender, and national identity. Meets with ARTH-615. Usually offered alternate springs. *Prerequisite:* ARTH-105 and ARTH-210 or equivalent.

ARTH-423 East-West Photography (3) Examines the emergence of photography and the medium's pivotal role in shaping relations between Asia and the West. Examines early portraiture, architectural sites, colonial tourism, photojournalism, family photographs, and contemporary photography. Meets with ARTH-623. Usually offered alternate years. *Prerequisite:* ARTH-225 or ARTH-320.

ARTH-424 Envisioning the Nation: Modern and Contemporary Art in Asia (3) Explores nationhood, nationalism, and the body politic as represented in Asian art and visual culture. Focuses on modern and contemporary art in China, Japan, India, and other parts of Asia, including film, prints, painting, photography, architecture, performance art, and propaganda. Meets with ARTH-624. Usually offered alternate falls. *Prerequisite:* ARTH-225 or ARTH-320.

ARTH-431 Visual Arts in the United States to 1890 (3) Covers portraiture, landscape, and genre painting from the early Colonial period to the late nineteenth century. Examines major artists and movements including Colonial portraiture (Copley, Peale), Hudson River School and Luminist landscape (Cole, Church), sculpture, photography, and late nineteenth century artists including Eakins, Homer, and Cassatt. Emphasizes cultural politics of colonialism, slavery, Native Americans, gender issues, and relationships between American and European art. Meets with ARTH-631. Usually offered alternate falls. *Prerequisite:* ARTH-105 and ARTH-210 or permission of instructor.

ARTH-432 Visual Arts in the United States: 1890 to 1935 (3) Covers art from the Gilded Age through mid-1930s. Examines major artists and movements, including American Impressionism, Ashcan School, American modernist abstraction, Harlem Renaissance, Mexican muralists, Regionalism, WPA art and photography. Focuses on relation to European modernisms and U.S. cultural politics, including gender and racial issues and the rise of major museums, dealers, and collectors. Meets with ARTH-632. Usually offered alternate springs. *Prerequisite:* ARTH-105 and ARTH-210 or permission of instructor.

ARTH-433 Visual Arts in the United States: 1935 to 1970 (3) Covers dramatic changes in realism and modernism in the mid-twentieth century including WPA art and leftist politics, the Great Depression and federal support, geometric modernisms, Abstract Expressionism, New Realism, Pop Art, and photography. Emphasizes major artists and cultural politics including the New Deal, Cold War, gender and racial difference, and contributions of art critic and dealers. Meets with ARTH-633. Usually offered alternate falls. *Prerequisite:* ARTH-105 and ARTH-210 or permission of instructor.

ARTH-434 Contemporary Visual Art and Postmodernism (3) Covers contemporary art since 1970 created in the United States by American and international artists. It examines movements including Minimalism, Earth Art, Photorealism, Neo-Expressionism, feminism, new abstraction, identity politics, installation and performance art. Emphasizes critical understanding of postmodernist theory related to multiculturalism, racial/ gender difference, queer theory, censorship, ecology, and social/political critique. Meets with ARTH-634. Usually offered alternate springs. *Prerequisite:* ARTH-105 and ARTH-210 or permission of instructor.

ARTH-490 Independent Study Project in Art History (1-3)
Prerequisite: permission of instructor and department chair.

ARTH-491 Internship (3) *Prerequisite:* four art history courses and permission of art history internship coordinator.

Graduate and Advanced Undergraduate Courses

ARTH-500 Approaches to Art History (3) Reading, discussion, and written work based on subjects such as style, iconography, semiotics, the art museum, and social, psychological, and feminist approaches. Attention to critical interpretation and writing research papers. Usually offered once each year. *Prerequisite:* four art history courses or graduate standing.

ARTH-520 Seminar in Art History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in art historical fields include medieval art, Renaissance/Baroque art, Nineteenth to Twentieth Century European art, American contemporary art, and Asian art. Critical discussion of readings followed by reports and research papers. Usually offered every spring. *Prerequisite:* five art history courses or permission of instructor.

ARTH-590 Independent Reading Course in Art History (1-3)
Prerequisite: permission of instructor and department chair.

Graduate Courses

Note: 600-level courses generally meet with 400-level courses. Registration at the 600 level implies graduate-level assignments and higher expectations regarding performance.

ARTH-601 Italian Art: Early Renaissance (3) Developments in Florence, Siena, and Venice in the fourteenth and fifteenth centuries, including the classical revival, narrative, linear perspective, and the role of social and theoretical factors in the practice of art. Emphasis on major figures such as Giotto, Duccio, Masaccio, Piero della Francesca, Botticelli, and Giovanni Bellini. Meets with ARTH-401. Usually offered every third semester.

ARTH-602 Italian Art: High Renaissance (3) Development of high Renaissance and early Mannerist styles in Rome, Venice, and Florence in the first half of the sixteenth century. Major artists emphasized include Leonardo da Vinci, Michelangelo, Raphael, Giorgione, and Titian. Includes consideration of issues such as the elevation of artists' social status and the emergent concept of artistic genius. Meets with ARTH-402. Usually offered every third semester.

ARTH-603 Italian Art: Late Renaissance and Early Baroque (3) Examines Italian art from the mid-sixteenth through early seventeenth centuries, considering the flourishing of art theory, late Mannerist and early Baroque style, and the significant emergence of female artists. Artists include Bronzino, Vasari, late Titian and Michelangelo (sculpture and painting), Tintoretto, Veronese, Sofonisba Anguissola, the Carracci, Caravaggio, and Artemisia Gentileschi. Meets with ARTH-403. Usually offered every third semester.

ARTH-611 Modern European Art: Rococo to Realism (3) A survey of European art from 1900 to 1945, focusing on stylistic and conceptual innovations within their social and political contexts, including changing definitions of modernity and modernism; primitivism and colonialism; the rise abstraction; and "high" art's relation to mass culture. Artists include Wassily Kandinsky, Henri Matisse, Pablo Picasso, Hannah Hoch, and Marcel Duchamp. Meets with ARTH-411. Usually offered alternate years.

ARTH-612 Modern European Art: Impressionism and Post-Impressionism (3) Focus on major Impressionist and Post-Impressionist artists including Manet, Monet, Degas, Cassatt, Morisot, Seurat and the Neo-Impressionists, Cezanne, Gauguin and the Symbolists, and Van Gogh. Also studied are Toulouse-Lautrec, Bonnard, and Vuillard. Meets with ARTH-412. Usually offered alternate years.

ARTH-613 Modern European Art: Expressionism to Surrealism (3) Analyzes the development of Fauvism and Cubism in the art of Picasso and Braque, Sonia and Robert Delaunay, and the Italian Futurists. Also studied are Munch and the German Expressionists, the non-objective styles of Kandinsky and Mondrian, and the Dada and Surrealist movements. Meets with ARTH-413. Usually offered alternate years.

ARTH-614 Women and the Avant-Garde (3) The late nineteenth and early twentieth centuries witnessed increasing professional opportunities for women artists, yet the status of women in Impressionism, Expressionism, Constructivism, and Surrealism remained ambivalent. This course explores the complex experiences of such avant-garde artists as Berthe Morisot, Julia Margaret Cameron, Camille Claudel, Sonia Delauney, and Frida Kahlo. Meets with ARTH-414. Usually offered alternate springs.

ARTH-615 Museums and Society (3) Explores the intersection of the museum and its public from the late eighteenth century to the present. Topics include the formation of collections and organization of exhibitions; changing modes of display; architecture and wall text; the economics of the art world; politics and cultural property; and race, gender, and national identity. Meets with ARTH-415. Usually offered alternate springs.

ARTH-623 East-West Photography (3) Examines the emergence of photography and the medium's pivotal role in shaping relations between Asia and the West. Examines early portraiture, architectural sites, colonial tourism, photojournalism, family photographs, and contemporary photography. Meets with ARTH-423. Usually offered alternate years.

ARTH-624 Envisioning the Nation: Modern and Contemporary Art in Asia (3) Explores nationhood, nationalism, and the body politic as represented in Asian art and visual culture. Focuses on modern and contemporary art in China, Japan, India, and other parts of Asia, including film, prints, painting, photography, architecture, performance art, and propaganda. Meets with ARTH-424. Usually offered alternate falls.

ARTH-631 Visual Arts in the United States to 1890 (3) Covers portraiture, landscape, and genre painting from the early Colonial period to the late nineteenth century. Examines major artists and movements including Colonial portraiture (Copley, Peale), Hudson River School and Luminist landscape (Cole, Church), sculpture, photography, and late nineteenth century artists including Eakins, Homer, and Cassatt. Emphasizes cultural politics of colonialism, slavery, Native Americans, gender issues, and relationships between American and European art. Meets with ARTH-431. Usually offered alternate falls.

ARTH-632 Visual Arts in the United States: 1890 to 1935 (3) Covers art from the Gilded Age through mid-1930s. Examines major artists and movements, including American Impressionism, Ashcan School, American modernist abstraction, Harlem Renaissance, Mexican muralists, Regionalism, WPA art and photography. Focuses on relation to European modernisms and U.S. cultural politics, including gender and racial issues and the rise of major museums, dealers, and collectors. Meets with ARTH-432. Usually offered alternate springs.

ARTH-633 Visual Arts in the United States: 1935 to 1970 (3)

Covers dramatic changes in realism and modernism in the mid-twentieth century including WPA art and leftist politics, the Great Depression and federal support, geometric modernisms, Abstract Expressionism, New Realism, Pop Art, and photography. Emphasizes major artists and cultural politics including the New Deal, Cold War, gender and racial difference, and contributions of art critic and dealers. Meets with ARTH-433. Usually offered alternate falls.

ARTH-634 Contemporary Visual Art and Postmodernism (3)

Covers contemporary art since 1970 created in the United States by American and international artists. It examines movements including Minimalism, Earth Art, Photorealism, Neo-Expressionism, feminism, new abstraction, identity politics, installation and performance art. Emphasizes critical understanding of postmodernist theory related to multiculturalism, racial/ gender difference, queer theory, censorship, ecology, and social/political critique. Meets with ARTH-434. Usually offered alternate springs.

ARTH-690 Independent Study Project in Art History (1-3)

Prerequisite: permission of instructor and department chair.

ARTH-691 Internship (3) *Prerequisite:* permission of instructor and department chair.

ARTH-792 Thesis Research Seminar (3) Research seminar to develop thesis proposal to be approved by thesis committee, do literature review for proposed topic, and begin thesis development. Students develop abilities to do serious research and share project critiques. *Prerequisite:* MA in Art History candidate.

ARTH-797 Master's Thesis Research (3) Thesis research course for students completing research and writing of the thesis requirement for the MA in Art History. May be taken SP/UP only. *Prerequisite:* ARTH-792.

Art: Studio

Undergraduate Courses

ARTS-100 Art: The Studio Experience FA1 (3) This beginning studio course introduces students to painting, drawing, sculpture, and design combined with visual literacy. The course focuses on the interrelationship of hand, eye, and mind to create informed works of art that engage larger critical, formal, or cultural dialogues and relate basic visual language to analytic and creative processes of the artist. Usually offered every term.

ARTS-205 The Artist's Perspective: Drawing FA1 (3) This introductory drawing course examines observation as a tool of discovery. Students explore traditional and conceptual notions of looking and experiment with different materials, techniques, and practices in order to examine visual perception. The course investigates drawing as a two-dimensional and three-dimensional medium. Usually offered every term.

ARTS-210 The Artist's Perspective: Painting FA1 (3) This introductory painting course utilizes surface, color, and composition as well as technical procedures to introduce students to formal, conceptual, and social issues inherent in painting. These concepts may be explored through the use of models, still life, and landscape. Students learn the language of painting and its context in contemporary art. Usually offered every term.

ARTS-215 The Artist's Perspective: Sculpture FA1 (3) This introductory sculpture course investigates three-dimensional concerns, focusing on observation, process, form, and object as a means of arriving at content. Students are introduced to traditional and contemporary art practices and explore a variety of materials, techniques, and tools. Usually offered every term.

ARTS-235 The Artist's Perspective: Video Art FA1 (3) An introduction to contemporary video art and its representations of time, this course emphasizes experimental approaches over conventional narrative. Projects involve shooting and editing individual video assignments for class critiques, and developing personal moving image art projects. Examples of artists' film and video are screened and discussed in the context of readings and written assignments. Usually offered every term.

ARTS-344 Ceramics Studio (3) May be repeated for credit. Includes basic principles of working with clay and instruction in both wheel and other methods of making pottery. Usually offered every term.

ARTS-390 Independent Reading Course in Art (1-6) *Prerequisite:* permission of instructor and department chair.

ARTS-400 Senior Seminar (3) May be repeated for credit. This studio and criticism course considers the inspirations and practices of contemporary artists and also emphasizes the relationship between art making, culture, and audience. Gallery/museum trips and artist lectures help students contextualize their work in current art practices. Readings, group discussions, and critiques facilitate deeper understanding of the social and conceptual issues surrounding contemporary art. Students pursue an individualized body of studio work that culminates in an exhibition. Usually offered every spring. *Prerequisite:* permission of instructor.

ARTS-410 Multimedia Seminar (3) May be repeated for credit. This studio and criticism course considers the inspirations and practices of contemporary media artists and also emphasizes the relationship between art making, culture, and audience. Gallery/museum trips and artist lectures help students contextualize their work in current art practices. Readings, group discussions, and critiques facilitate deeper understanding of the social and conceptual issues surrounding contemporary art. Students pursue an individualized body of studio work that culminates in an exhibition. Usually offered every spring. *Prerequisite:* ARTS-370 or permission of instructor.

ARTS-420 Painting Studio (3) May be repeated for credit. This is an intermediate and advanced course that encourages experimental approaches to painting through historical and contemporary study. Students creatively explore issues of color, surface, and composition, and are encouraged to begin exploration of individualized concerns that can be addressed through image making. Thematic studies provide opportunity for intensive investigation of ideas. Usually offered every term. *Prerequisite:* ARTS-210 or equivalent.

ARTS-440 Sculpture Studio (3) May be repeated for credit. This is an intermediate and advanced course that focuses on the interrelationship between object and environment. Students investigate materials and concepts used in historical, contemporary, and experimental art practices. Course structure focuses on creative problems and solutions. Students explore form, content, and context through individual projects. Usually offered every term. *Prerequisite:* ARTS-215.

ARTS-460 Drawing Studio (3) May be repeated for credit. This is an intermediate and advanced course in drawing. Students explore selected drawing media, locate a direction of study, and develop a personal visual vocabulary in artwork. Drawing is investigated as an initiating and developing tool for creative thinking. Emphasis is on the process, production, and research needed to produce consistent and creative work. Usually offered every term. *Prerequisite:* ARTS-205 or equivalent.

ARTS-463 Relief Printmaking Studio (3) May be repeated for credit. Investigation of the historical techniques utilized in woodcut linocut and surface printing. Students pursue individualized projects while mastering technique. Emphasis on the experimentation, the development of the technique, and the utilization of printmaking as a tool for challenging studio practice and expanding broader critical concerns. Usually offered every fall. *Prerequisite:* ARTS-205 or equivalent.

ARTS-464 Intaglio Studio (3) May be repeated for credit. An introduction to basic printmaking processes including monoprint, etching, drypoint, and aquatint. Students investigate the history and process of the intaglio print in relation to individualized projects. Emphasis on the experimentation, the development of the technique, and the utilization of printmaking as a tool for challenging studio practice and expanding broader critical concerns. Usually offered every spring. *Prerequisite:* ARTS-205 or equivalent.

ARTS-470 Time-Based Studio (3) May be repeated for credit. This class develops individual moving image art projects through group critiques, class discussion of texts and screenings, and studio lab time. Students become familiar with a variety of time-based contemporary art and their discourses, including video and performance, experimental and avant-garde film, media installation, and social practice. Usually offered every term. *Prerequisite:* ARTS-235 or equivalent.

ARTS-490 Independent Study Project in Art (1-6) *Prerequisite:* permission of instructor and department chair.

ARTS-491 Internship (3) *Prerequisite:* permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

ARTS-560 Drawing Practicum I (3) May be repeated for credit. Drawing as research. This course explores the process of the sketch in developing, proposing, and planning visual works in various media. Students work on synthesizing ideas and representing them formally and conceptually, with emphasis on individual creative expression. Usually offered every fall. *Prerequisite:* admission to M.F.A. program, or permission of instructor.

ARTS-561 Drawing Practicum II (3) May be repeated for credit. Continuation of ARTS-560. Students put research into practice. The emphasis of this practicum, which can operate as an extension of students' studio practice, is on creating a series of related work. Usually offered every spring. *Prerequisite:* admission to M.F.A. program, or permission of instructor.

ARTS-590 Independent Reading Course in Art (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

ARTS-600 Twentieth Century Art Theory (3) A contextual analysis of contemporary issues in art as a development of critical thinking throughout the twentieth century. This course presents a theoretical and philosophical consideration of the development of critical, cultural, and social dialogs defining art and practice from the advent of Modernism through its institutionalization and the eventual rise of post-Modernism. Includes figuration, abstraction, formalism, spirituality universalism, the art object, the art original, myth, authorship, allegory, conceptualism, the capitalist impulse, colonialism, authenticity, and the role of audience. Usually offered every fall. *Prerequisite:* admission to MFA program, or permission of instructor.

ARTS-601 Contemporary Art Theory (3) A theoretical and philosophical consideration of art practices. A detailed analysis of contemporary and cultural studies including post-colonialism, gender, globalization, positioning painting, the state of art and emerging trends in contemporary art. Students evaluate the relationship between artists and the writer/critic. The course introduces students to a broad range of critical thinking and to develop their skills in verbal and textual analysis. Students consider the relationship of their art to contemporary rhetoric. Usually offered every spring. *Prerequisite:* admission to MFA program, or permission of instructor.

ARTS-610 Multimedia Seminar (3) May be repeated for credit. This studio and criticism course considers the inspirations and practices of contemporary media artists and also emphasizes the relationship between art making, culture, and audience. Students pursue an individualized body of studio work that culminates in an exhibition. Usually offered every spring.

ARTS-620 Advanced Printmaking (3) May be repeated for credit. Individual projects in printmaking with emphasis on the investigation of contemporary art issues. Students develop a suite of prints or other related investigation in either tandem with their advanced studio work or based on a theme of their choosing in consultation with the instructor. Usually offered every term. *Prerequisite:* admission to MFA program or permission of instructor.

ARTS-630 Advanced Sculpture (3) May be repeated for credit. Individual projects in sculpture. Students explore formal and critical issues concerning two- or three-dimensional work. Students are encouraged to manifest ideas three-dimensionally with respect to the environment or installation of their work. Usually offered every term. *Prerequisite:* admission to MFA program or permission of instructor.

ARTS-660 Research Practicum (3) May be repeated for credit. Studio practice as research and its context. Students explore the process of developing, proposing, and planning visual works in various media. The emphasis of this practicum, which can operate as an extension of students' studio practice, is on creating a series of related work. Usually offered every spring. *Prerequisite:* admission to MFA program or permission of instructor.

ARTS-661 Professional Practices (3) This course introduces and examines a wide range of strategies for developing a professional practice as a working visual artist. Topics covered include documenting and archiving artwork, preparing submission materials, writing artist statements, grant writing and research, understanding the culture and structure of non-profit and commercial exhibition venues, exploring collaborative exhibition opportunities and strategies, social networking in the field, and online presentation of artwork. Course work includes conception and preparation of curatorial proposals, collective conception and design of the MFA thesis exhibition catalog. Course sessions held off-campus give students the opportunity to meet a diverse group of professionals in the field, including artists, writers, curators, and administrators.

ARTS-670 Time-Based Studio (3) May be repeated for credit. This class develops individual moving image art projects through group critiques, class discussion of texts and screenings, and studio lab time. Students become familiar with a variety of time-based contemporary art and their discourses, including video and performance, experimental and avant-garde film, media installation, and social practice. Usually offered every term. *Prerequisite:* admission to MFA program or permission of instructor.

ARTS-690 Independent Study Project in Art (1-6) *Prerequisite:* permission of instructor and department chair.

ARTS-691 Internship (3) *Prerequisite:* permission of instructor and department chair.

ARTS-797 Master's Thesis Seminar (3) Independent work toward students' thesis exhibition and written thesis statements. Consult the department for registration and participation requirements. Usually offered every term. May be taken SP/UP only. *Prerequisite:* MFA candidate with permission of department chair.

Audio Technology

Undergraduate Courses

ATEC-101 Fundamentals of Audio Technology (3) Students learn about the generation, transmission, and detection of sound; properties of sounds; history and aesthetics of electro-acoustic music and components; anatomy of audio equipment; professions in the field of audio technology; and the global structure of audio-related industries. Student apply basic recording and editing techniques in the completion of audio and audiovisual projects. Usually offered every term. *Co-requisite:* ATEC-102.

ATEC-102 Audio Technology Laboratory (1) Students apply recording and editing techniques discussed in ATEC-101 to real world music. They also learn basic compression and digital signal processing techniques. Usually offered every term. *Co-requisite:* ATEC-101.

ATEC-301 Digital Audio Workstations I (3) This course provides intermediate-level students with fundamental knowledge of the basic principles of non-linear digital audio editing software. Includes creating and managing digital audio workstation sessions, importing media, basic editing and mixing techniques, external controllers, managing sessions and tracks, recording and editing MIDI and audio, timescaling, and automation. Usually offered every term. *Prerequisite:* ATEC-101 and ATEC-102.

ATEC-311 Sound Studio Techniques I (3) This course explores multi-track recording techniques as applied to professional sound systems. Includes studio consoles, signal path, microphone configuration and placement, signal to noise ratio, and other relevant topics. Students gain experience with hands-on projects. Usually offered every fall. *Prerequisite:* ATEC-301.

ATEC-321 Sound Synthesis I (3) This course introduces audio synthesis using the Pure Data (Pd) programming environment with a focus on understanding fundamental concepts of digital audio manipulation. Covers several standard techniques, including additive and wavetable synthesis, sample playback, time-stretching, pitch shifting, various forms of modulation, and use of delay networks. In addition to raw audio processing algorithms, students develop strategies for managing control information and sequencing. Usually offered every term. *Prerequisite:* ATEC-101.

ATEC-390 Independent Reading Course in Audio Technology (1-6) *Prerequisite:* permission of instructor and department chair.

ATEC-401 Digital Audio Workstations II (3) This course is a continuation of materials presented in ATEC-301 and provides students with more advanced knowledge of principles of non-linear digital audio editing software. Includes analyses of digital audio workstation systems, high-end user systems and interfaces, editing and mixing techniques, external controllers, managing sessions and tracks, recording and editing MIDI and audio, and advanced automation techniques. Usually offered every term. *Prerequisite:* ATEC-301.

ATEC-403 Production Mixing and Mastering (3) This course explores effective mastering techniques and digital signal processing techniques with non-linear digital audio software. Includes advanced equalization techniques, advanced filtering techniques, delay, compression and expansion of dynamic levels, chorusing, and reverberation. Usually offered every third semester. *Prerequisite:* ATEC-401.

ATEC-411 Sound-Studio Techniques II (3) This course examines advanced multi-track recording techniques as applied to professional sound systems. Includes studio consoles, magnetic tape recording, signal-processing equipment, room acoustics, noise reduction systems, multi-track recorder alignment, and test equipment. Usually offered every spring. *Prerequisite:* ATEC-311.

ATEC-421 Sound Synthesis II (3) This course continues exploration of synthesis techniques in Pure Data (Pd) as introduced in ATEC-321 and introduces software libraries from the Pd-extended package. Topics include delay networks, reverberation, spatialization, filtering, Fourier-based spectral analysis/resynthesis, and waveform design. Students also are introduced to an additional programming environment for audio synthesis, SuperCollider (SC). Usually offered every term. *Prerequisite:* ATEC-321.

ATEC-431 Studio Management (3) Students learn troubleshooting in regard to audio technology equipment and software. Includes tape machine alignment, maintenance and proper use, tracing signal flow problems, soldering techniques, and power grounding issues. Students in the class work and learn cooperatively, and collaborate on multiple projects relating to the tasks of managing a studio, including sound wall construction, studio proposals, and other creative projects. Usually offered every third semester. *Prerequisite:* ATEC-101/102.

ATEC-441 Business of the Audio Industry (3) This course covers business-related aspects of the music and film audio recording industries, including copyright, royalties, publishing, licensing, negotiations, music production, and studio ownership. Usually offered every third semester. *Prerequisite:* ATEC-101/102.

ATEC-450 Audio Technology Capstone (1-6) May be repeated for credit. This course enables students to pursue advanced discipline-specific projects, which may include electro-acoustic instrument design and construction, advanced live sound reinforcement techniques, post-production audio for film and video, audio engineering for compact disc recordings, and electro-acoustic music composition. Usually offered every spring. *Prerequisite:* ATEC-421.

ATEC-490 Independent Study Project in Audio Technology (1-6) *Prerequisite:* permission of instructor and department chair.

ATEC-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

ATEC-514 Audio Mastering (3) This course presents an advanced hands-on approach to the principles and practices of mastering. Students master the use of equipment specially designed for audio mastering and develop mastering techniques, as well as learn best practices for mastering. Students also explore surround sound mastering techniques. Usually offered every summer. *Prerequisite:* ATEC-403 or ATEC-611, and permission of instructor.

ATEC-522 Real-time Performance Workshop (3) This performance workshop directs students in developing new approaches to live computer-based music. The primary focus is on creating real-time interactive systems for generative music, sound installations, and digital musical instruments. The course surveys influential performance projects from the computer music literature and examines them from technical and aesthetic standpoints. Usually offered every spring. *Prerequisite:* ATEC-421 or ATEC-621, and permission of instructor.

ATEC-524 Digital Instrument Design (3) This course introduces students to the concepts, history, software, and hardware behind digital musical instruments (DMIs). In the process of creating several different DMIs, students learn how to map available control information to sound synthesis parameters in musically meaningful ways. Usually offered every fall. *Prerequisite:* ATEC-421 or ATEC-621, and permission of instructor.

Graduate Courses

ATEC-604 Digital Audio Production Seminar (3) This course teaches real-world techniques for digital music production through software synthesizers such as Reason, NI Komplete, Digidesign AIR synthesizers, and Korg Legacy bundle. The course also discusses hardware synthesizers, the MIDI protocol, and additional software plug-ins used for production, such as Antares Auto-tune and INA-GRM Tools. Usually offered every fall.

ATEC-611 Advanced Recording Seminar (3) Students explore advanced recording techniques employed in producing and recording a music project from inception to completion. Areas of exploration include, but are not limited to, preproduction arranging and planning of material, production and psychology in tracking, advanced and experimental microphone techniques, use of found acoustic space, re-amping of recorded material, use of samples, and software manipulation of audio. Students are given roles and exchange them, mirroring roles in a professional production studio, such as producer, first engineer, second engineer, and tape/ProTools operator. Usually offered every fall. *Prerequisite:* admission to graduate audio program.

ATEC-613 Advanced Concepts in Audio Mixing (3) This course expands on the mix techniques covered and mix skills introduced in ATEC-611. Students cover the practical use and application of contemporary mixing devices as well as the underlying theory and principles as related to mixing. The course encourages students to develop a personal mixing aesthetic, through focused listening and mix critiques. Usually offered every spring. *Prerequisite:* ATEC-611.

ATEC-621 Advanced Sound Synthesis (3) This course introduces audio synthesis using the Pure Data (Pd) and SuperCollider programming environments with a focus on understanding basic and advanced synthesis techniques. Students learn additive, subtractive, wavetable, frequency modulation, and granular synthesis techniques. Usually offered every fall. *Prerequisite:* admission to graduate audio program.

ATEC-650 Audio Technology Seminar (3) This course enables students to pursue advanced discipline-specific projects, which may include traditional scholarship, electro-acoustic instrument design and construction, advanced live sound reinforcement techniques, post-production audio for film and video, audio engineering for compact disc recordings, and electro-acoustic music composition. The course prepares students for completion of a master's level portfolio project. Usually offered every fall.

ATEC-651 Digital Audio Analysis (3) This course introduces the concepts and mathematics behind standard methods for analyzing audio signals. Students learn how to extract and graph information from digital sound recordings. The course also draws on psychoacoustics in order to illustrate relationships between the physical qualities of sound and aspects of human perception. Usually offered every spring.

ATEC-652 Critical Listening (3) Students develop critical listening skills through aural analysis, ear training, drill and practice, and comparative analyses. Topics covered include spectral balance and equalization, spatial attributes and reverberation, dynamic range control, distortion and noise, audio clip edit points, analysis of sound, frequencies, effects and processing, delays and decays, and master frequencies. Students are expected to identify frequency ranges, specific audio signatures, distortion, edits, and digit manipulation through aural examinations. Usually offered every fall.

ATEC-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

ATEC-750 Capstone (3) This course enables students to pursue advanced discipline-specific projects, which may include electro-acoustic instrument design and construction, advanced live sound reinforcement techniques, post-production audio for film and video, audio engineering for compact disc recordings, and electro-acoustic music composition. Usually offered every spring. *Prerequisite:* ATEC-650.

Biology

Undergraduate Courses

BIO-100 Great Experiments in Biology FA5 (4) The core of biology is the scientific experiment. This course, through lecture and laboratory, focuses on some classic experiments that introduce students to the modern study of biology and scientific method. Experiments include the molecular basis of mutation, separation of complex biologically important molecules, and the construction of demographic tables. Usually offered every term. *Prerequisite:* completion of the University Mathematics Requirement, or concurrent enrollment in MATH-170 or MATH-211 or STAT-202.

BIO-110 General Biology I FA5 (4) An in-depth introduction and exploration of the study of life from atoms, molecules, and organelles to the cellular levels of organization. Emphasis on cell structure and function, energetics and metabolism, the gene, molecular genetics, and evolution. The laboratory component introduces the scientific method and experimentation through the study of microbes, plants and animals. Usually offered every term. *Prerequisite:* MATH-170, MATH-211, or MATH-221, which may be taken concurrently. *Note:* this course is recommended for science majors, pre-medical, or honors students only.

BIO-200 Structure and Function of the Human Body FA5 (3) The human organism as a paradigm for biological organization. The relationship between structure and function of organ systems. Disease processes in the context of normal physiology; social concerns from a biological perspective. Usually offered every term.

BIO-210 General Biology II FA5 (4) An exploration of the origins of planet Earth and life. Emphasis on the organismal and higher levels of biological organization. The diversity of life through a survey of the three domains, various kingdoms and their phylogenetic relationships. The form and function of plants and animals. A consideration of the interrelationships between organisms and environment. The laboratory component explores the diversity of life at the organismal and higher levels of biological organization. Studies include form and function of plants and animals, and selected systems. Usually offered every term. *Prerequisite:* BIO-110. *Note:* this course is recommended for science majors, pre-medical, or honors students only.

BIO-220 The Case for Evolution FA5 (3) What is evolution, how and why does it occur, and what does it tell us about the world around us? This course reviews the process of evolution from the initial organic soup that existed some four billion years ago to the relatively recent emergence of humans. It investigates why species change over time, both in their individual characteristics and their relative abundance, and examines how cultural and technological advances are influencing the current and future biological evolution of humans. Usually offered every term.

BIO-240 Oceanography FA5 (3) The study of the sea from a global perspective. Emphasis on chemical and physical oceanography as it affects life in the seas and the world economies. Includes origin of the oceans, basic navigation, marine geography, plate tectonics, heat budgets, climatology, meteorology, winds, currents, waves, tides, productivity, and fisheries. Usually offered every term.

BIO-300 Cell Biology with Laboratory (4) Integrated study of structure and function of eucaryotic cells, emphasizing their ultrastructure, biochemistry, and physiology. Lab consists of biological buffers, protein and DNA analysis, histology, and enzyme kinetics. Usually offered every fall. *Prerequisite:* BIO-210 and CHEM-210.

BIO-323 Introduction to Ecology (3) Fundamental principles of ecology, with emphasis on the interaction of organisms and their environment at the level of individuals, populations, and communities, including energy flow through and nutrient cycling within ecosystems. Application of ecological principles to current environmental issues. Usually offered every spring. *Prerequisite:* BIO-210; calculus or statistics course is highly recommended.

BIO-340 Marine Biology (3) Biology of marine organisms from a global perspective. Influence of geology, geography, currents, tides, waves, winds, salinity, and other parameters on the distribution of marine organisms. Plankton, nekton, infauna, epifauna, rocky shores, coral reefs, estuarines, beaches, and other environments. Marine ecology. Exercises using living and preserved marine invertebrates and fishes. Weekend field trips may be required. Usually offered alternate falls. *Prerequisite:* BIO-210 or BIO-240.

BIO-342 Marine Mammals (3) An introduction to marine mammal ecology, social organization, behavior, acoustic communication, and conservation. The course focuses on marine mammals in U.S. waters, including bottlenose dolphin, right whale, gray whale, and West Indian manatee. Current periodical literature and text readings are the basis for discussions. Usually offered alternate springs. *Prerequisite:* BIO-100 or BIO-110 and BIO-210 or BIO-220.

BIO-345 Research Experience in Marine Biology (1-6) May be repeated for credit. This course provides students with practical field experience in marine biology including research with faculty, internships, or field experience abroad. Usually offered every spring. *Prerequisite:* BIO-340.

BIO-356 Genetics with Laboratory (5) Basic genetic principles as revealed by classical and modern research methods. Patterns of gene transmission; gene structure, function, interactions, and mutation; chromosomal aberrations; nonchromosomal inheritance; biochemical genetics; and population genetics. Experiments illustrating basic genetic concepts, using materials from corn, *Drosophila*, and humans. Usually offered every spring. *Prerequisite:* BIO-300 or permission of instructor.

BIO-364 Evolution (3) This course covers the mechanisms of evolutionary change from genes to societies and how natural selection interacts with genetic and population processes such that organisms tend to become adapted to their environment and biological diversity increases. Through readings, discussions, and lectures, students explore the evidence for evolution, as well as current theories for the mechanisms that cause evolutionary change. Includes principles of inheritance, the origin of genetic variation, adaptation through natural selection, random processes in evolution, the origin of species, and the role of macroevolutionary processes in shaping current patterns of biodiversity. *Prerequisite:* BIO-110 and BIO-210.

BIO-372 Human Anatomy and Physiology I (4) This course provides an overview of anatomy and physiology through an integrated study of the relationship between the structure and function of the human body. Focus is on the chemical foundations of life, the anatomy and physiology of the cell, and the integumentary, skeletal, muscular, and nervous systems. Clinical applications are presented, which have particular relevance to students preparing for the health care professions. Laboratories provide hands-on training and reinforce material covered in the lecture. Usually offered every fall. *Prerequisite:* BIO-110; BIO-210 is strongly recommended.

BIO-373 Human Anatomy and Physiology II (4) A systematic approach to the study of the human body with an emphasis on the endocrine, lymphatic, cardiovascular, respiratory, digestive, urinary, and reproductive systems. Laboratories provide hands-on training and reinforce material covered in the lecture. Usually offered every spring. *Prerequisite:* BIO-372.

BIO-390 Independent Reading Course in Biology (1-6) *Prerequisite:* permission of instructor and department chair.

BIO-410 Invertebrate Zoology with Laboratory (4) Structure, evolution, and physiology of invertebrate animals, including protozoans. Emphasis on helminths and other parasites, medically significant arthropods, and taxa of significance in aquatic biology. Laboratory emphasizes variety of taxa over types. Usually offered alternate falls. *Prerequisite:* BIO-210.

BIO-434 Vertebrate Anatomy with Laboratory (4) Examination of the function, development, and evolutionary history of anatomical structures within vertebrates. Lectures and laboratory work include systematic and comparative analysis of different vertebrate species. Laboratory illustrates anatomical features in lower and higher vertebrates. Usually offered alternate falls. *Prerequisite:* BIO-210 and BIO-300, or permission of instructor.

BIO-435 Vertebrate Physiology with Laboratory (4) Properties and physiology of vertebrate organ systems are explored. Laboratory illustrates selected physiological principles and encourages scientific inquiry. Usually offered alternate falls. *Prerequisite:* BIO-300 or permission of instructor.

BIO-440 Microbiology with Laboratory (4) Introductory survey of the protists (with emphasis on bacteria): their morphology, physiology, metabolism, growth, and destruction, and their role in human welfare as agents of disease and environmental change. Laboratory techniques of staining, cultivation, isolation, and identification of microbes, with emphasis on bacteria. Experiments on physiology, metabolism, and physical-chemical effects on growth and death of microbes. Usually offered alternate springs. *Prerequisite:* BIO-300 and CHEM-310.

BIO-442 Behavioral Ecology (3) Behavioral ecology examines the ecological and evolutionary basis of animal behavior and how particular behavior patterns contribute to an animal's chances of survival and its reproductive success. This course includes sexual selection and mating systems; sexual conflict, mate choice, and parental care; natural selection and genetics of behavior; evolutionary arms races, predators, and prey, and parasites and hosts; group conflict and cooperation; cooperative breeding; and experimental design and research questions in behavioral ecology. The course is structured to promote lively and productive discussion. Usually offered alternate springs. *Prerequisite:* BIO-210 and BIO-356.

BIO-450 Developmental Biology (3) The descriptive morphology, physiology, biochemistry, genetics, and molecular biology of the developmental processes in a variety of organisms. Meets with BIO-650. Usually offered alternate springs. *Prerequisite:* BIO-300 or permission of instructor and concurrent registration in BIO-451.

BIO-451 Developmental Biology Laboratory (1) Training in embryo manipulation and study of prepared microscopic slides in order to illustrate developmental concepts. Usually offered alternate springs. *Prerequisite:* BIO-300 and concurrent registration in BIO-450.

BIO-490 Independent Study Project in Biology (1-6) *Prerequisite:* permission of instructor and department chair.

BIO-491 Internship (1-4) *Prerequisite:* permission of instructor and department chair.

BIO-497 Senior Honors Thesis I (3) Student designed original laboratory or field research project. Usually offered every term. *Prerequisite:* Senior standing, permission of department and University Honors program.

BIO-498 Senior Honors Thesis II (3) Completion of student designed original laboratory or field research project. Results both written as scientific paper(s) and presented in departmental seminar. Usually offered every term. *Prerequisite:* BIO-497.

BIO-499 Senior Seminar in Biology (3) This seminar, required of all senior biology majors, challenges students to examine unifying principles of biology. Different subjects are presented in discussions, through faculty and guest speakers, readings, and individual student presentations. Usually offered every spring. *Prerequisite:* senior biology majors.

Graduate and Advanced Undergraduate Courses

BIO-501 Mechanisms of Pathogenesis (3) Infectious diseases of humans with emphasis on bacterial pathogens and the biology of the causative agents. Host-pathogens and the biology of causative agents. Host-parasite relationships, pathogenesis, immunology, and epidemiology are studied. Usually offered alternate springs (even years). *Prerequisite:* BIO-300.

BIO-505 Introduction to Neurobiology (3) A general introduction to basic neuroanatomy and neurophysiology, with discussions of current issues in neuroscience. Intended for advanced undergraduates in biology or psychology pursuing a natural science curriculum, and for graduate students in biology and psychology. Usually offered alternate springs (even years). *Prerequisite:* BIO-300 or graduate standing or permission of instructor.

BIO-541 Cellular Immunology (3) Current concepts of the immune response at the cellular level. Structure and function of the T-lymphocyte, B-lymphocyte, macrophages, and ancillary cells. Theories of antibody diversity and the cellular basis of immunoglobulin formation. Cellular aspects of immunologic tolerance, hypersensitivity, surveillance, and clinical immunology. Review of the current literature. Usually offered alternate springs (odd years). *Prerequisite:* BIO-300 or graduate standing.

BIO-561 Biogeography (3) This course emphasizes four persistent themes in biogeography: classifying geographic regions based on their biota; reconstructing the history of biota; explaining the differences in numbers as well as types of species among geographic areas; and explaining geographic variation in the characteristics of individuals and populations of closely-related species. Usually offered alternate springs. *Prerequisite:* BIO-110 and BIO.

BIO-562 Field Methods (3) Biological, chemical, and physical analysis of freshwater and terrestrial habitats. Students participate in weekend field trips to conduct group projects and learn skills for geographic survey, chemical and physical examinations of habitat quality, field sampling techniques of flora and fauna, taxonomic identification, statistical and data analysis, and presentation of results. Usually offered alternate falls. *Prerequisite:* BIO-423 and MATH-221 or STAT-202, or graduate standing in biology or environmental science, or permission of instructor.

BIO-566 Evolutionary Mechanisms (3) The genetic composition of populations and the theory and principles of natural selection. Species formation and differentiation in Darwinian and neo-Darwinian theory. Evolution above the species level and current evolutionary concepts (such as sociobiology and catastrophe theory) are also considered. Usually offered alternate falls (odd years). *Prerequisite:* BIO-356.

BIO-583 Molecular Biology (3) An in-depth study of gene structure and expression. Concepts are described and illustrated further with examples and discussion of classic and current papers from the scientific literature. Includes DNA, RNA and protein synthesis, regulation of gene expression in prokaryotes and eukaryotes, nucleic acid structure, RNA processing, DNA binding proteins and transcription factors, oncogenes, transformation, mutations, DNA repair and recombination. Usually offered every fall. *Prerequisite:* BIO-356, CHEM-560 is recommended.

BIO-585 Bioinformatics (3) The modern genomics era requires that biologists understand bioinformatics, the computational analysis of large biological data sets. In this course, lectures introduce methods and concepts, and techniques are applied during a computer lab. Course topics include sequence retrieval/alignment, Basic Local Alignment Search Tool (BLAST), an algorithm for comparing primary biological sequence information, gene prediction, phylogenetics, and bioinformatics programming in Perl. Usually offered alternate falls.

BIO-587 Genomics (3) Analysis of genomes, transcriptomes, and proteomes. Methods used in the post-genome era to sequence and characterize genomes, including genetic mapping, genome sequencing, gene identification, SNP detection, and comparative genomics. Techniques to characterize genome function including transcriptome sequencing, microarray hybridization, protein profiling, and protein interaction maps. Usually offered alternate falls. *Prerequisite:* BIO-356.

BIO-589 Biotechnology (3) Biotechnology employs concepts from cell and molecular biology to solve modern problems in medicine, agriculture, and other disciplines. In the twenty-first century, it is the cornerstone of the world's economy. This course introduces and builds on concepts integral to advances in genetic, cell, systems, and molecular biology. Usually offered every spring.

BIO-590 Independent Reading Course in Biology (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

BIO-650 Developmental Biology (3) The descriptive morphology, physiology, biochemistry, genetics, and molecular biology of the developmental processes in a variety of organisms. Meets with BIO-450. Usually offered alternate springs.

BIO-677 Topics in Biology (1-4) Topics vary by section, may be repeated for credit with different topic. Current research and developments in various fields of biology, including developmental biology and evolutionary biology. *Prerequisite:* permission of instructor.

BIO-679 Topics in Evolutionary Biology (1-4) Topics vary by section, may be repeated for credit with different topic. Current research topics such as molecular evolution, biochemical approaches to evolution, mathematical modeling of evolutionary processes, and the interaction of genetics, developmental biology, ecology, and evolutionary biology. Usually offered every spring. *Prerequisite:* permission of instructor.

BIO-690 Independent Study Project in Biology (1-6) *Prerequisite:* permission of instructor and department chair.

BIO-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

BIO-697 Research Methodology in Biology (3) Basic scientific research skills necessary for experimental design, data analysis, literature critiques, and disseminating results. Includes techniques for literature research, scientific writing including thesis proposal preparation, the use of statistical packages, and the preparation of an oral presentation for a thesis defense, seminar, or professional meeting. Usually offered every fall. *Prerequisite:* graduate standing in biology.

BIO-790 Biology Literature Research (1-6) Students conduct a literature search on some aspect of the biological sciences under the direction of their guidance committee, culminating in the submission of a review paper. Usually offered every term. *Prerequisite:* MA candidate in biology.

BIO-797 Master's Thesis Research (1-6) May be taken SP/UP only. *Prerequisite:* MS candidate in biology.

Chemistry

Undergraduate Courses

CHEM-100 The Molecular World FA5 (4) A general introduction to chemistry leading to biochemistry and the chemistry of life. Study of the composition of materials, their structures and properties, related energy conversions, and the use of molecular genetic information. Questions of scientific inquiry and the scientific method in cultural and historical contexts are considered. Usually offered every term. *Prerequisite:* completion of the University Mathematics Requirement, or concurrent enrollment in MATH-170 or MATH-211 or STAT-202.

CHEM-110 General Chemistry I FA5 (4) A general introduction to chemistry: the scientific method; atomic structure; stoichiometry and chemical reactions; heat changes; electronic structure of atoms; molecular geometry; and liquid, solid, gas, and solution chemistry. Provides a sound basis in concepts, vocabulary, and analytical problem solving. Related laboratory work covers the scientific method, measurements using scientific apparatuses, collection and manipulation of data, error analysis, and illustration of scientific principles. Usually offered every term. *Prerequisite:* completion of the University Mathematics Requirement, or concurrent enrollment in MATH-170 or MATH-211 or STAT-202.

CHEM-150 Chemistry of Cooking FA5 (4) Whether they know it or not, everyone is a chemist in the kitchen. This course dispels the notion that chemistry is only for the trained and gives students the confidence to experiment in their own cooking. Chemical topics include structure and function, acid/base chemistry, and reaction energetics.

CHEM-205 The Human Genome FA5 (3) The human genome is the DNA book of life, containing information to create networks of proteins that construct a human being. The course discusses how the genome was read, how variants in DNA information are detected, and how interactions of networks of proteins are deciphered. Also, how this information changes views of disease, medical treatments, and our image of ourselves as a species. Can environmental factors override our genes (nurture vs. nature)? Substantial focus on ethical and social issues related to genetic testing, gene therapy, and our understanding of race. Usually offered every term.

CHEM-210 General Chemistry II FA5 (4) Oxidation-reduction reactions, reaction rates, equilibrium and its relation to thermodynamics, acid-base chemistry and its practical applications, electrochemistry, molecular bonding theory, and nuclear chemistry. Related laboratory work covers titration techniques, spectroscopic analysis, kinetics experiments, and introduction to qualitative and quantitative analysis. Usually offered every spring. *Prerequisite:* CHEM-110.

CHEM-230 Earth Sciences FA5 (3) Combines geology, geophysics, and geochemistry in describing the evolution of our planet, the deep structure of the earth, its plate tectonic evolution, and interaction of the crust with the hydrosphere, biosphere, and atmosphere. Occasional laboratory demonstrations and field trips. Usually offered every term.

CHEM-250 Criminalistics, Crime, and Society FA5 (3) This course presents the unique and challenging application of science to law. The focus is on the scientific aspects of criminal investigations and judicial process. The course includes an overview of forensic science, the identification of illicit drugs, fibers, hairs, accelerants, gun shot residues, and explosives by chemical analysis, as well as DNA profiling. Emphasis is placed on the techniques of sampling a crime scene and the use of physical evidence to help solve cases. Students learn how to unlock the mystery of crimes through application of physical and chemical techniques.

CHEM-310 Organic Chemistry I (3) Systematic treatment of hydrocarbons, alkyl halides, alcohols, carbonyl compounds, acids, and their derivatives. Ionic and free radical reactions and stereochemistry. Usually offered every fall. *Prerequisite:* CHEM-210. *Co-requisite:* CHEM-312.

CHEM-312 Organic Chemistry I Laboratory (1) Laboratory theory and practice in synthesis, separation, and purification of organic compounds. Introduction to separation techniques including thin-layer, column, and gas chromatography. Usually offered every fall. *Co-requisite:* CHEM-310.

CHEM-320 Organic Chemistry II (3) Aliphatic and aromatic compounds and electrophilic substitution; spectral methods; and nitrogen compounds and their derivatives. Introduction to polyfunctional compounds including amino acids, carbohydrates, lipids, and nucleic acids. Usually offered every spring. *Prerequisite:* CHEM-310. *Co-requisite:* CHEM-322.

CHEM-322 Organic Chemistry II Laboratory (1) Multistep syntheses; synthesis of polyfunctional compounds; introduction to infrared and nuclear magnetic resonance spectra; qualitative organic analysis. Usually offered every spring. *Co-requisite:* CHEM-320.

CHEM-330 Environmental Chemistry (3) This course emphasizes that all parts of the environment are made up of chemicals, and that natural processes occurring in the environment all involve chemical reactions. As part of a description of the chemistry of the lithosphere, hydrosphere, and atmosphere, the composition of an unpolluted environment is presented, as well as techniques used by the EPA to measure pollutants. *Prerequisite:* CHEM-110.

CHEM-390 Independent Reading Course in Chemistry (1-6) *Prerequisite:* permission of instructor and department chair.

CHEM-398 Honors: Junior Year (1-3) Independent chemical laboratory research project under the direction of a faculty advisor. Usually offered every fall. *Prerequisite:* CHEM-320/CHEM-322, and permission of department chair and university honors director.

CHEM-399 Honors: Junior Year (1-3) Independent chemical laboratory research project under the direction of a faculty advisor. Usually offered every spring. *Prerequisite:* CHEM-320/CHEM-322, a grade of B or better in CHEM-398 if taken, and permission of department chair and university honors director.

352 Course Descriptions

CHEM-410 Biophysical Chemistry (3) This physical chemistry course provides an introduction to the states of matter, thermodynamics, equilibrium, solutions, and kinetics applied to biological and environmental systems by using examples from the life sciences. Usually offered every spring. *Prerequisite:* CHEM-320 and MATH-221.

CHEM-435 Topics in Biological and Organic Chemistry (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include advanced techniques in QSAR and drug discovery. Meets with CHEM-635. Usually offered alternate springs. *Prerequisite:* CHEM-310/CHEM-312, and CHEM-320/CHEM-322 or equivalent.

CHEM-455 Topics in Inorganic and Analytical Chemistry (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include organometallics or advanced techniques in NMR and mass spectrometry. Meets with CHEM-655. Usually offered alternate springs. *Prerequisite:* permission of instructor and department chair.

CHEM-460 Instrumental Analysis (3) Analytical and instrumental methods; statistical analysis of data and errors; theory of optical and chromatographic methods including ultraviolet, visible, infrared, and fluorescence spectroscopy, and gas and liquid chromatography; atomic spectroscopy; mass spectrometry; and nuclear magnetic resonance. Usually offered every fall. *Prerequisite:* CHEM-320, MATH-222, and PHYS-210.

CHEM-462 Topics in Environmental Chemistry (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including applications of green chemistry, atmospheric chemistry, recycling and remediation, and natural products chemistry. Meets with CHEM-662. Usually offered alternate falls. *Prerequisite:* CHEM-210.

CHEM-490 Independent Study Project in Chemistry (1-6) *Prerequisite:* permission of instructor and department chair.

CHEM-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

CHEM-498 Honors: Senior Year (1-3) Independent chemical laboratory research project under the direction of a faculty advisor. Usually offered every fall. *Prerequisite:* CHEM-420, CHEM-460, a grade of B or better in CHEM-399 if taken, and permission of department chair and university honors director.

CHEM-499 Honors: Senior Year (1-3) Independent chemical laboratory research project under the direction of a faculty advisor. A senior thesis must be written and the results of research presented at a departmental seminar. Usually offered every spring. *Prerequisite:* CHEM-498 with a grade of B or better if taken and permission of department chair and university honors director.

Graduate and Advanced Undergraduate Courses

CHEM-510 Advanced Physical Chemistry (3) Advanced physical chemistry course covering quantum chemistry, molecular spectroscopy, group theory, molecular spectroscopy, statistical mechanics, and modern physical chemistry research topics. Usually offered alternate falls. *Prerequisite:* CHEM-320 and MATH-313. *Co-requisite:* CHEM-581.

CHEM-520 Advanced Organic Chemistry I (3) Principles of physical organic chemistry. Bonding and conformational analysis; nucleophilic substitution at carbon; elimination and addition reactions; carbene chemistry; and cycloaddition reactions. Usually offered every fall. *Prerequisite:* organic and physical chemistry.

CHEM-521 Advanced Organic Chemistry II (3) Synthetic and mechanistic aspects of the chemistry of carbonyl compounds. Acylations, alkylations, and other condensations; oxidation and reduction reactions. Application of orbital symmetry correlations to organic reactions. Usually offered every spring.

CHEM-540 Advanced Analytical Chemistry (3) Techniques of chemical analysis; theory of acid-base, complexation, precipitation, and redox equilibria; volumetric and gravimetric analysis; statistical analysis of data; separation and analysis of complex mixtures; ion-selective electrodes, polarography; amperometry; atomic and x-ray spectroscopy; chromatography, microscopy; radiometric techniques; and neutron activation analysis. Usually offered alternate spring. *Prerequisite:* CHEM-460.

CHEM-542 Chemical and Enzyme Kinetics (3) Study of reactions, catalysis, and enzymes. Reversible, concurrent, and consecutive reactions. Steady state approximation, transition states and mechanisms. Reactions in solutions and on surfaces. *Prerequisite:* MATH-222 and CHEM-410.

CHEM-550 Advanced Inorganic Chemistry (3) This course covers topics historically taught in inorganic chemistry, including bonding theory, molecular symmetry, spectroscopy, acid-based chemistry, coordination chemistry, and electrochemistry. It also covers modern applications of transition-metal catalyzed reactions, metals in biology, and solid-state chemistry. Usually offered every fall. *Prerequisite:* CHEM-320. *Co-requisite:* CHEM-582.

CHEM-560 Biochemistry I (3) Biochemistry is the study of the chemistry of life. This course, the first of a two-course sequence, focuses on structures and function of carbohydrates, lipids, amino acids, proteins, DNA and RNA; enzyme kinetics; DNA replication; gene expression and protein synthesis; recombinant DNA technology; and DNA-based information technology. Usually offered every fall. *Prerequisite:* one year of organic chemistry.

CHEM-561 Biochemistry II (3) Biochemistry is the study of the chemistry of life. This course, the second of a two-course sequence, focuses on principles of signal transduction; principles of bioenergetics and metabolic regulation; catabolism and anabolism of carbohydrates, lipids, amino acids, and nucleotides; and hormonal regulation of mammalian metabolism. Usually offered every spring. *Prerequisite:* CHEM-560.

CHEM-565 Introduction to Proteomics (3) An introduction to genomics and protein production from genes. Includes protein activities and functions; networks of proteins and protein expression; structural biological method for determining protein structures and interactions of small molecules such as pharmaceuticals, with protein targets; and methods for identifying protein functions and protein-protein interaction networks. Usually offered alternate springs. *Prerequisite:* CHEM-560.

CHEM-571 Experimental Biological Chemistry I (3) Students are introduced to the department's student-led research project developing technologies and basic understanding of protein nanoparticle conjugates. They gain familiarity with these materials as well as proficiency in techniques usually used in labs associated with analytical, biophysical, and biochemistry courses. Usually offered every fall. *Prerequisite:* CHEM-322.

CHEM-572 Experimental Biological Chemistry II (3) In this course students design and execute experiments to expand their understanding and increase the functional properties of protein nanoparticle conjugates from CHEM-571. Students projects are the basis for lab development and students are encouraged to publish their work in scientific journals. Usually offered every spring. *Prerequisite:* CHEM-571.

CHEM-581 Experimental Chemistry I (3) Chemistry is inherently an experimental science. In this course students learn and become familiar with the experimental techniques necessary to answer some of the most challenging questions in modern chemistry. Usually offered alternate falls. *Co-requisite:* CHEM-510.

CHEM-582 Experimental Chemistry II (3) Good research practices require chemists to develop experiments that effectively probe relevant or interesting scientific problems. Students apply the knowledge gained in CHEM-581 to develop and carry out experiments of their own design. Usually offered alternate springs. *Prerequisite:* CHEM-581. *Co-requisite:* CHEM-550.

CHEM-590 Independent Reading Course in Chemistry (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

CHEM-602 Research Method Design (3) The development of laboratory skills and chemical communication. An introduction to laboratory safety, eye protection, and dealing with hazardous materials, and how to search literature indexes by formula and structure. Presentation of the purpose and strategy of research method design, and preparation of a research proposal. Usually offered every fall.

CHEM-605 Research Seminar (3) Presentation and practice of modern chemical techniques, including thin layer chromatography, analytical and preparative high pressure liquid chromatography, gas chromatography, ion chromatography, capillary electrophoresis, GC-MS and LC-MS, NMR, sample extraction and preparation techniques and methods used to standardize instruments. Students present a seminar describing the experimental results of their research project. Usually offered every spring.

CHEM-635 Topics in Biological and Organic Chemistry (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include advanced techniques in QSAR and drug discovery. Meets with CHEM-435. Usually offered alternate springs. *Prerequisite:* permission of instructor and department chair.

CHEM-655 Topics in Inorganic and Analytical Chemistry (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include organometallics or advanced techniques in NMR and mass spectrometry. Meets with CHEM-455. Usually offered alternate springs. *Prerequisite:* permission of instructor and department chair.

CHEM-662 Topics in Environmental Chemistry (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including applications of green chemistry, atmospheric chemistry, recycling and remediation, and natural products chemistry. Meets with CHEM-462. Usually offered alternate falls. *Prerequisite:* permission of instructor and department chair.

CHEM-690 Independent Study Project in Chemistry (1-6) *Prerequisite:* permission of instructor and department chair.

CHEM-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

CHEM-797 Master's Thesis Research (1-6) May be taken SP/UP only.

Communication

Note: The program track or tracks of each undergraduate professional course are noted in the course descriptions below: (BJ) Broadcast Journalism, (CS) Communication Studies, (FM) Film and Media Arts, (PJ) Print Journalism, (PC) Public Communication. Media Studies courses are identified by (MS).

Noncredit Courses

COMM-033 Practicum in Non-Linear Editing (0) A one-week intensive course designed to introduce basic concepts and applications of non-linear editing. Workshop format covers basic and intermediate non-linear editing skills on the Media 100 platform. Sessions are divided into interactive lecture presentation and hands-on tutorials. *Prerequisite:* COMM-434 or COMM-634.

COMM-070 Discover the World of Communication (0) Noncredit workshops in current practices and trends in the film, video, and television professions. High school students select courses in film and video production, direction, writing, design, and management, post-production editing, and other related fields. Small classes and active participation are stressed. Usually offered every summer.

COMM-080 Film and Digital Media Workshop (0) Noncredit workshops covering a variety of skills in both technical and business aspects of film and digital media. Usually offered once per year. *Prerequisite:* permission of school.

Undergraduate Courses

COMM-100 Understanding Media FA4 (3) (BJ, PJ, PC, FM) Building on students' individual and collective experiences of mass media (print, film, radio, television, and digital media), this course analyzes American media institutions: their development and social role; the economic and political constraints they face; and their effect on us as a society and as individuals. Usually offered every term.

COMM-102 Selected Topics in Leadership (1-3) Topics vary by section, may be repeated for credit with different topic. Analyses of topics in leadership in a global era, with special attention to communication skills, ethics, and current issues in media. Usually offered every summer. *Prerequisite:* permission of school.

COMM-105 Visual Literacy FA1 (3) (PC, FM) (MS) This course introduces students to ways of understanding visual images in a variety of contexts, including art, photography, film, and performing arts. Students learn about aesthetics, as well as the production aspects of visual images; discover intuitive dimensions of seeing; and analyze the influence of culture on visual symbols and communication. Hands-on learning in blog development, photography, and video production puts theory into action. Usually offered every term.

COMM-200 Writing for Communication (3) (BJ, CS, FM, PC, PJ) A course stressing basic writing techniques for unique audiences. Intensive practice in writing for print, web, broadcast, public communication and public service. Usually offered every term. *Prerequisite:* SOC major or minor, or major in foreign language and communication media, CLEG, environmental science, or business and entertainment.

COMM-209 Communication and Society (3) (CS, PC) The role communication processes play in society, with consideration of applied and theoretical implications. Focus is on media and its effects from a public communication perspective, including the role and impact of public relations, advertising, and journalism, with emphasis on digital media. Usually offered every term.

COMM-250 Digital Imaging (3) An introduction to the technical aspects of digital imaging and basic techniques such as selection and retouching tools that challenges students to create effective visual communication designs. The course includes how to effectively use layers, channels, and masks to edit and composite images with discussions focusing on creating and recognizing effective visual communication concepts and carrying out these concepts through design. Students should expect to spend additional time in the lab outside of the scheduled class time. Usually offered every term. *Prerequisite:* COMM-105 or GDES-200, and SOC major.

COMM-270 How the News Media Shape History FA2 (3) (BJ, CS, PJ) (MS) The impact that the print and broadcast news media have had on America. The role and value of a free press, always powerful and usually responsible. How radical writers helped start the American Revolution to how today's reporters influence contemporary political events. Usually offered every term.

COMM-275 Dissident Media: Voices from the Underground FA4 (3) (BJ, CS, PJ) (MS) The evolution and impact of alternative media as forces for social change. How dissident groups have used non-establishment media such as suffragist and Socialist journals, African-American and gay presses, counterculture tabloids, Christian-right newsletters, and the "zines" of the 1990s to organize and bring about reform. Also examines the power of communication, the interplay between media and society, and the complex role of politically dissident media in American history. Usually offered once a year.

COMM-280 Contemporary Media in a Global Society FA3 (3) (BJ, CS, PJ) (MS) An exploration of the relationship between international communication and foreign policy, with an emphasis on the traditions, practices, legal aspects, government controls, and attitudes in various countries and their impact on freedom of thought and expression. Usually offered every fall and spring.

COMM-285 Media, Mapping, and Thinking in 3-D (3) This course explores new forms of envisioning and mapping places, ideas, people, and things. It introduces emerging forms of geo-spatial communication, such as GoogleEarth, computerized mapping, and GPS, that are applied to a broad range of information-handling tasks used in courses across the university. Includes 3-D and 4-D visualization.

COMM-300 Interpersonal Communication (3) (PC) Principles of interpersonal communication: communication models and systems; the role of perception in communication; verbal and nonverbal message elements; and communication barriers, breakdowns, and methods of improvement. Classroom exercises in interviewing techniques, small-group problem solving, and public speaking. Usually offered every term. *Prerequisite:* COMM-100.

COMM-301 Public Relations (3) (CS, PC) An introduction to public relations that explores the strategy and tactics involved in this field. Learn the strategic concepts behind public relations and the ways that professionals practice it. Topics include audience targeting and research, message development, media relations, and using all possible tactics, including traditional and social media, to reach people and communicate with them. Students see how public relations works in such areas as business, society, entertainment, sports, and politics, among others, and learn how public relations professionals deal with crises, communications challenges, and different publics. Usually offered every term. *Prerequisite:* COMM-209 (may be taken concurrently) and minimum 2.5 GPA.

COMM-305 Digital Skills (3) (BJ, CS, PJ) Digital storytellers have more options than ever before in today's dynamic and hyper-connected world. This hands-on course is an introduction to multimedia tools and techniques in producing words and images, audio and video, and cutting-edge interactivity. *Prerequisite:* COMM-100 and COMM-200, minimum 2.5 GPA, and major in Journalism, Communication Studies, or Foreign Language and Communication Media.

COMM-310 Public Speaking (3) (PC) Principles of effective speaking. Practice in preparing and presenting several types of public address. Usually offered every term. *Note:* students may not receive credit for both COMM-310 and COMM-210. *Prerequisite:* minimum 2.5 GPA.

COMM-320 Reporting (3) (BJ, PJ) Professional training in news gathering, writing, and news judgment for traditional news and new media platforms. Study of news sources, ethical reporting techniques, fieldwork, research, and interview methods for print, web, broadcast, and their convergence. Learning the mission of journalism in democracy. Usually offered every term. *Prerequisite:* COMM-305 and minimum 2.5 GPA.

COMM-322 Editorial Policies and Methods (3) (PJ) Instruction and practice in editing. Online and newspaper copy editing, editorial judgment, deadline writing, and design and layout. *Prerequisite:* COMM-200, COMM-320, journalism major, and minimum 2.5 GPA.

COMM-325 Feature Article Writing (3) (PJ) Study of short and long-form feature articles for web-zines, blogs, newspapers and magazines, with a focus on the art of the interview, investigative techniques and in-depth writing skills. Class also gives professional instruction in the marketing for publication of these articles. Usually offered every spring. *Prerequisite:* COMM-320 and minimum 2.5 GPA.

COMM-326 Sports Journalism (3) (PJ, BJ) The history of sports coverage and current issues in major sports. Examines legal, ethical, and social aspects including contract law, the relationship between hometown news media and local teams, women in sports, and the lure of sports heroes in a changing society. Usually offered every spring. *Prerequisite:* COMM-100, COMM-200 and minimum 2.5 GPA.

COMM-327 The PR Presidency (3) (CS, PC) (MS) This course looks at the way public relations, communications, and the media have defined the modern presidency. Campaigning, governing, building public opinion, addressing the nation, making news—all are built on a foundation of public relations and image making, and all are examined in this course. Special attention is paid to the role of the media, especially television, in shaping the presidency. Usually offered every fall. *Prerequisite:* minimum 2.5 GPA.

COMM-330 Principles of Photography (3) (FM, PJ, PC) Introduction to basic technical and aesthetic principles of black and white photography, from learning how to operate 35mm film and digital SLR cameras, to processing and developing film, and printing both in the darkroom and digitally. Usually offered every term. *Prerequisite:* COMM-105 or ARTS-100 or GDES-200, film and media arts, graphic design, or multimedia major or graphic design minor, and minimum 2.5 GPA.

COMM-331 Film and Video Production I (3) (FM) Fundamental technical and aesthetic considerations involved in visual media production. Through projects in audiotape, 35mm slides, and small format video that are critiqued in class, students learn the principles and procedures of sound recording and editing, cinematography, editing visual images, and preproduction planning. Usually offered every term. *Prerequisite:* COMM-105, sophomore standing, film and media arts, multimedia, or business and entertainment major, and minimum 2.5 GPA.

COMM-337 Public Relations Writing (3) This course teaches writing for strategic public relations in various formats and for different media, and develops skills for print, radio, visual media, and the web. Students gain experience writing message-driven public relations materials through such media tools as news releases, media alerts, pitch letters, public service announcements, speeches, and social media. Covers AP style. Usually offered every term. *Prerequisite:* COMM-200, COMM-301 with a grade of B or better, public communication major, and minimum 2.5 GPA.

COMM-346 Public Relations Case Studies (3) (PC) Case studies and typical public relations problems in industry, labor, education, government, social welfare, and trade associations. Planning and preparation of communications materials for various media; application of public relations techniques. Usually offered every term. *Prerequisite:* COMM-301 with a B or better, public communication major, and minimum 2.5 GPA.

COMM-360 Myths of the Media (3) This course offers a wide-ranging critique of media performance by assessing the emergence, diffusion, and tenacity of media-driven myths. These are prominent stories about or by the news media that are widely believed, but under scrutiny, prove to be false. Examples studied include Watergate, crack babies, and Hurricane Katrina. Usually offered every fall. *Prerequisite:* SOC major or minor, or CLEG major, and minimum 2.5 GPA.

COMM-365 Digital Media and Culture (3) Examines the central role digital media technologies play in culture and society. Presents historical and contemporary theories about how digital media provide the structures in which individual identity is formed, social relations manifest, political discourse occurs, and economic power flows. Includes restrictions on media freedom, privacy, and surveillance online. Usually offered every term. *Prerequisite:* SOC major or minor, and minimum 2.5 GPA.

COMM-380 Public Communication Research (3) (PC) In this course students gain an understanding of why research is an essential aid for decision making in strategic communications. It is an introduction to qualitative and quantitative research methods. Students learn how to formulate a research questions and execute a research design, including the basics of sampling, data collection and analysis, and interpretation of results. They conduct research projects such as secondary research, focus groups, content analysis, and surveys and learn how to apply the results to strategic communication situations. Usually offered every term. *Prerequisite:* COMM-301 with a B or better, public communication major, and minimum 2.5 GPA.

COMM-382 Writing for Visual Media (3) (FM) Techniques of writing scripts for film and television productions. Students write treatments and screenplays for television, proposals for public service announcements, commercials and scripts for nontheatrical film and video productions. Usually offered every term. *Prerequisite:* COMM-105, COMM-200, film and media arts, multimedia, or business and entertainment major, and minimum 2.5 GPA.

COMM-385 Digital Audio Production (3) (BJ) Writing, reporting, interviewing, and digital editing of audio stories. The class emphasizes radio news production, including commercial and public radio style, and narrative and non-narrative storytelling. Students work under deadline, creating radio newscasts and/or podcasts, and build an online portfolio of audio, web stories, and audio-photo slideshows. Usually offered every term. *Prerequisite:* COMM-320, journalism major, and minimum 2.5 GPA.

COMM-390 Independent Reading Course in Communication (1-6) *Prerequisite:* minimum 2.5 GPA., permission of instructor and division director.

356 Course Descriptions

COMM-391 Internship (3) *Prerequisite:* junior standing, minimum 2.5 GPA, and permission of school.

COMM-401 Communication Law (3) (BJ, CS, PC, PJ) (MS) Practical introduction to the U.S. legal system and to laws, regulations, and current cases involving media. Includes a broad understanding of libel, copyright, advertising regulation and First Amendment protections across traditional and emerging media platforms. Introduction to legal writing and research, reasoning and analytic skills. Usually offered every term. *Prerequisite:* minimum 2.5 GPA.

COMM-425 Advanced Reporting (3) (PJ) This course is designed to provide students with advanced skills in reporting, interviewing, writing, producing and distributing news content with a focus on reporting on and in Washington, D.C. Students learn and develop research and reporting skills for in-depth assignments, in print and digital media. Usually offered every term. *Prerequisite:* COMM-320, journalism major, and minimum 2.5 GPA.

COMM-426 Sports Writing and Reporting (3) This course gives students the opportunity to become full-fledged sportswriters. The course is divided into three parts, the preseason, regular season, and post-season, and students work individually and in groups to produce game stories, features, columns, and blogs, culminating in each student writing and reporting an enterprise story. Much of the work centers on American University athletic teams, but students also get the chance to cover off-campus sports events. Usually offered every fall. *Prerequisite:* minimum 2.5 GPA.

COMM-428 Advanced Television and Video Production (3) (BJ) Producing, writing, reporting, and non-linear editing of television newscasts and other television news magazine formats. Field reporting and line producing daily newscasts under deadline. Live production for television and post-production for digital platforms. News topics include local, national, and international news as well as health, sports, entertainment and weather. Usually offered every term. *Corequisite:* COMM-432. *Prerequisite:* COMM-385, journalism major, and minimum 2.5 GPA.

COMM-432 Backpack Video Journalism (3) (BJ) Instruction in shooting, editing, and producing of video stories; merging of script, video, and graphics into the final product. Working alone or in small teams, students learn to use digital cameras, microphones, lights, tripods, field shooting techniques, and nonlinear editing. Students produce a video résumé reel as a capstone project. Usually offered every term. *Corequisite:* COMM-428. *Prerequisite:* COMM-385, journalism major, and minimum 2.5 GPA.

COMM-433 Broadcast Delivery (3) (BJ) (MS) Concentrated analysis of and training in the delivery of news on radio and television. All facets of broadcast news styles and performance are examined and developed. Obstacles to effective communication of news by the voice are identified, and remedies are attempted. Meets with COMM-633. *Prerequisite:* journalism major, and minimum 2.5 GPA.

COMM-434 Film and Video Production II (3) (FM) Includes 16mm silent and small-format video location production. Emphasis is on planning, treatment and shot scripting, development of scene and character, location lighting, refinements of continuity, location sound recording, and visual design. Meets with COMM-634. Usually offered every term. *Prerequisite:* COMM-331 and COMM-382 (may be taken concurrently), or MGMT-301, and minimum 2.5 GPA.

COMM-435 Introduction to Studio Television (3) (FM) A hands-on laboratory course to teach basic studio operation and production skills, including the production roles of director, technical director, audio engineer, teleprompter operator, floor manager, and camera operator as well as original production planning. The class stresses teamwork and professionalism through participation in the creation of an original short television series. Meets with COMM-635. Usually offered every term. *Prerequisite:* COMM-105, film and media arts major, and minimum 2.5 GPA.

COMM-437 Public Relations Portfolio (3) (PC) This course implements the skills, techniques, and strategies learned in previous public relations classes by giving students the opportunity to work with a real-world client. Specific deliverables are met that may include social media campaigns, events, product launches, public service announcements, websites, news releases, and media relations campaigns for clients who may be nonprofits, established organizations, and global entities. Usually offered every term. *Prerequisite:* COMM-337, COMM-346, COMM-380, public communication major, and minimum 2.5 GPA.

COMM-438 Production Practicum (1-3) (FM) Topics vary by section, may be repeated for credit with different topic. Provides students with skills training in a variety of media production areas. Topics include non-linear editing, digital post production, location sound production, studio sound production and mixing, location lighting techniques, cinematography, digital authoring, and coding. *Prerequisite:* minimum 2.5 GPA.

COMM-450, COMM-451 Washington Journalism Semester Seminar I (4), II (4) COMM-450 and COMM-451 are taken together, and explore journalism as it exists and is practiced in Washington, D.C. The seminar studies the people, institutions, and issues of Washington journalism with weekly guest speakers, field trips, readings, review sessions, and lectures. Usually offered every fall and spring. *Prerequisite:* admission to Washington Journalism Semester. *Note:* not open to American University communication majors.

COMM-452 Washington Journalism Semester Internship (4) Professional communication work in an off-campus organization, providing the student with experience not available in the curriculum. Usually offered every fall and spring. *Prerequisite:* admission to Washington Journalism Semester. *Note:* not open to American University communication majors.

COMM-454 Motion Graphics and Effects I (3) (FM) This course focuses on the creation of motion graphics using animation and compositing programs. Through discussions of concepts and design, students learn techniques to creatively use software tools to achieve dramatic and artistic effects. Current software and concepts used for cutting edge motion graphics and compositing in motion pictures, television, commercials, and music videos are introduced and examples of outside work are presented and analyzed in class. Students are encouraged to learn from each other's examples, problems, and solutions. Students should expect to spend additional time in the lab outside of the scheduled class time. Meets with COMM-654. Usually offered every fall. *Prerequisite:* COMM-350 or GDES-220, and minimum 2.5 GPA; or permission of school.

COMM-456 Dramatic Production (3) (FM) Techniques of 16mm sound-film production: lighting, sound recording, cinematography, and post production. Meets with COMM-656. Usually offered every term. *Prerequisite:* COMM-434, COMM-382, film and media arts major, and minimum 2.5 GPA.

COMM-464 Directing for Camera (3) (FM) Examines the role of the director in fiction film. The course focuses on creative and aesthetic concerns as well as technical knowledge and skills the director needs to function successfully as a storyteller. There is emphasis on the collaborative relationship between the director and the actor. The course is designed as a director's laboratory where students are exposed to a variety of skills and approaches. The workshop format includes lectures, discussions, scene rehearsals, and critiques of student work. Meets with COMM-664. Usually offered every fall. *Prerequisite:* COMM-331, COMM-382, film and media arts major, and minimum 2.5 GPA.

COMM-470 Organizational Communication (3) (PC) Communication practices in complex organizations. Formal and informal communication networks and problems associated with each. Forms of communication used in organizations. Field research project in a Washington-area organization. *Prerequisite:* minimum 2.5 GPA.

COMM-486 Advanced Documentary Techniques (3) (FM) Designed to fine tune students' exposure to and practice in a variety of contemporary documentary techniques. Each student produces a final project, but during the semester works in teams on a variety of documentary genres, including observational, web docs, nonprofits, historical, narrated, and mockumentary. Meets with COMM-686. Usually offered every two years. *Prerequisite:* COMM-434 and minimum 2.5 GPA.

COMM-490 Independent Study Project in Communication (1-6) *Prerequisite:* permission of instructor and division director and minimum 2.5 GPA.

COMM-491 Senior Professional Internship (3) Professional communication work in an off-campus organization appropriate to the student's academic program. *Prerequisite:* Minimum 2.5 GPA and permission of school and instructor. Public Communication majors: COMM-337 or COMM-346 or COMM-380; Journalism majors: COMM-325 or COMM-385 or COMM-502 or COMM-522; Film and Media Arts majors: COMM-331 and COMM-382.

Graduate and Advanced Undergraduate Courses

COMM-500 Investigative Journalism Practicum (3) This course involves students working in groups on long-form investigative projects with The Washington Post and other organizations and institutions in partnership with the school. Students demonstrate high-level research and journalistic skills while completing in-depth projects. Usually offered every term. May be taken A-F only. *Prerequisite:* permission of program director.

COMM-501 Data-Driven Journalism (3) This course reviews the history and trends in computer-assisted reporting. The course provides students with the basic skill in using spreadsheets, databases, programming, and data visualization in a journalistic context. Usually offered every spring. May be taken A-F only. *Prerequisite:* admission to the journalism program and permission of the school.

COMM-502 In-Depth Journalism (3) (PJ) (MS) Introduces students to the history, purposes, power, and responsibilities of investigative journalism. Also introduces students to the specialized reporting and interviewing techniques of investigative reporting and requires students to develop these skills while participating in a group investigative journalism project. Usually offered once a year. *Prerequisite:* minimum 2.5 GPA and permission of school.

COMM-503 Broadcast and Multimedia Journalism Management (3) (BJ) (MS) Students gain an understanding of the functions and economic structure of broadcast and multi-media journalism management at the local, national, and international level. Students also learn the challenges for commercial, cable, and public broadcasting include news management, programming, and distribution issues across traditional and new media platforms, in the United States and internationally. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA.

COMM-504 Journalism Ethics (3) (BJ, CS, PJ) (MS) This course provides students with a fundamental understanding of the professional responsibilities journalists owe to society. It also provides practical training in ethical decision making. Discusses how best to meet professional obligations on a day-to-day basis and looks ahead to future ethical issues on the horizon. Usually offered every term. *Prerequisite:* minimum 2.5 GPA.

COMM-505 History of Broadcast Journalism (3) (BJ) (MS) The sights and sounds of history as radio and television brought the news of the world to Americans. Study of the pioneers of the electronic news media and their influence on society, and the evolution of broadcast journalism from the 1930s to the 1970s. Usually offered every two years. *Prerequisite:* minimum 2.5 GPA.

COMM-507 Media in Britain (3) (BJ, CS, FM, PC, PJ) (MS) Offered as part of the AU Abroad London Semester. An overview of the contemporary British media industry, its wider social and political contexts, and the historical development of the UK's distinctive media culture. The course explores the roles, functions, and practices of Britain's print and electronic media, including debates concerning content and structural regulation and implications for developing technology. Usually offered every term. *Prerequisite:* minimum 2.5 GPA.

COMM-509 Politics and the Media (3) (BJ, CS, PC, PJ) (MS) Examination and analysis of the intersection of media and politics today. This course focuses on how media in all forms, from mainstream TV and newspapers to blogs, political ads and web sites, have an impact on politics; how political actors seek to promote their messages and campaigns; and how the intersection of politics and media influences public opinion and public policy. Usually offered once a year. *Prerequisite:* minimum 2.5 GPA.

COMM-510 Women in Journalism (3) (BJ, CS, PJ) (MS) Examines women's historical and contemporary participation in print and broadcast journalism, including pioneering woman journalists of the eighteenth, nineteenth, and twentieth centuries, African-American women journalists, newswomen of the battlefield, and depictions of women journalists on film and television. Also covers contemporary issues facing women in journalism, and the portrayal of women in the news media. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA.

COMM-511 History of Documentary (3) (BJ, CS, FM, PJ) (MS) Development of the documentary form from early cinema to the digital era. Explores documentary in terms of aesthetic strategies, ethical issues, and economic and historical context. Usually offered every fall. *Prerequisite:* minimum 2.5 GPA.

COMM-512 Social Documentary (3) (FM) (MS) Study of successful approaches to social action documentary, including museum display, development, conflict resolution, and advocacy. Students analyze case studies, learn economic and social context, and develop proposals for social documentary. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA.

COMM-513 Producing Film and Video (3) (FM) (MS) The business of fiction and nonfiction filmmaking with an emphasis on intellectual property/copyright, the development of a proposal, fundraising, marketing and distribution; practical work on scheduling, budgets and other production management topics such as unions and guilds, hiring a crew, releases, and music rights. Usually offered every term. *Prerequisite:* COMM-434 and COMM-382, or MGMT-301, or COMM-634 and COMM-682, and minimum 2.5 GPA.

COMM-514 Censorship and Media (3) (BJ, CS, PC, PJ) (MS) A survey of the history of censorship in the U.S. in the newspapers, magazines, radio, movies, publishing, and television. International comparisons are drawn, and the problem of censorship in the schools is given special attention. Usually offered every fall. *Prerequisite:* minimum 2.5 GPA.

COMM-515 Children, Youth, and Digital Culture (3) (BJ, CS, PC, PJ) (MS) Explores the roles that children, adolescents, and young adults are playing in contemporary media culture. Provides a historical overview of scholarship and policy debates over children and television, as well as technological, social, political, and economic forces that have shaped, and are shaping, the digital media system. *Prerequisite:* minimum 2.5 GPA.

COMM-516 Topics in Film and Media Arts (3) (BJ, CS, FM, PJ) (MS) Topics vary by section, may be repeated for credit with different topic. Rotating topics in the business, history, or analysis of film, photography, and digital media from a variety of perspectives. Usually offered every term. *Prerequisite:* minimum 2.5 GPA.

COMM-517 History of Cross-Cultural Cinema (3) (FM) (MS) Cross-cultural analysis of film and video, drawing primarily on examples of feature production from Asia, Latin America, Africa, and the Middle East and focusing on the theme of cultural and ethnic identity. Film and video viewings, papers, lectures, and discussion. *Prerequisite:* minimum 2.5 GPA.

COMM-520 History of Animation (3) (CS, FM) (MS) A survey of the history, theory, and practice of animating visual imagery from the pre-cinematic forms to the present day. Lectures, screenings, and discussion examine the evolution of the medium in America, Europe, and Asia in terms of technology, artistic trends and national culture. *Prerequisite:* minimum 2.5 GPA.

COMM-521 Opinion Writing (3) (BJ, PJ, PC) Students examine and write for various forms of opinion writing that may include blogs, vlogs, columns, editorials, social commentary, critical reviews, letters to the editor, and other forms of personal expression. The course attempts to cover all media platforms. Usually offered once a year. *Prerequisite:* junior standing, minimum 2.5 GPA, and permission of the school.

COMM-522 Writing and Editing for Convergent Media (3) (BJ, PJ) News writing and text editing for all platforms of digital journalism. The course covers text formats, breaking news, headlines, blurbs, writing for mobile, social media, search engine optimization (SEO) basics, blogs, and more. Usually offered every term. *Prerequisite:* COMM-320 or graduate standing, and permission of instructor for non-SOC students.

COMM-523 Fine Art Photography (3) (fall 2011: Intermediate Photography) A refinement of photographic skills emphasizing a synthesis of craft and expression. Students study the history and theory of fine art photography as well as learning how to use alternative processes as a mode of expression. Usually offered every term. *Prerequisite:* COMM-330 or COMM-630, and minimum 2.5 GPA.

COMM-524 Producing Environmental and Wildlife Films (3) (FM) This course focuses on the art of producing: being creative, selecting and researching issues, writing a film treatment, telling effective and fascinating stories, finding compelling characters, pitching powerfully, speaking effectively in public, marketing, distributing, conducting outreach, raising money, thinking ethically, and working with NGOs. Usually offered every term. *Prerequisite:* minimum 2.5 GPA.

COMM-525 Advanced Photography (3) (FM) May be repeated for credit, but not in the same term. Extensive individual projects, critiques, and professional guest speakers. In-depth exploration of specific themes and techniques based on the goals of each student, and leading toward a professional-level portfolio. *Prerequisite:* COMM-523, permission of the school, and minimum 2.5 GPA.

COMM-526 Photojournalism and Social Documentary (3) (FM) Course teaches basics of visual language and how it is used and manifested in the craft of photojournalism. Students learn the importance and power of visual image in communicating ideas and information. They develop understanding of photojournalism as a craft unto itself or as part of a progression toward video and film. *Prerequisite:* COMM-330/630 and minimum 2.5 GPA, or permission of instructor.

COMM-527 History of Photography (3) (CS, FM) (MS) A survey of the development of photographic imagery from its advent in the early nineteenth century through contemporary twentieth century work. Emphasis is on viewing work in Washington galleries and museums. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA.

COMM-528 Community Documentary: Stories of Transformation (3) Using new media tools, students learn the methods and production of a four-minute autobiographical digital story, first by creating their own and then assisting community members. These first-person video narratives can be used in public meetings, on websites, etc. to build and mobilize communities, and empower the storytellers themselves. Usually offered every fall. *Prerequisite:* COMM-434 or COMM-634, and permission of department.

COMM-529 Large Format and Commercial Photography (3) (FM) May be repeated for credit but not within the same term. A professional skills course which introduces the 4x5 view camera and studio electronic flash. Both sections are integrated and explore the unique characteristics of the equipment through extensive technical and shooting assignments. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA and COMM-330/630 or permission of instructor.

COMM-531 Political Communication (3) (CS, PC) (MS) Examines the role of communication in politics and advocacy and applies public communication principles to advocacy and political campaigns. Includes the role of media relations in politics, the impact of television on political discourse, political message development, political advertising, ethics in political persuasion, and the impact of political communication on our democratic institutions, as well as how to interpret public opinion, identify and reach constituencies, and develop political communication strategies. *Prerequisite:* minimum 2.5 GPA.

COMM-533 Ethics in Strategic Communication (3) (PC) Provides students with an ethical context for the practice of public communication and a concept of the ethical issues surrounding the activities of the practitioner. Students have the opportunity to investigate America's value system, the values of American public relations and the relationship between public relations, the media, and business. *Prerequisite:* junior, senior, or graduate standing, and minimum 2.5 GPA.

COMM-534 Race and Gender in Communication and Media (3) (CS, PC) (MS) This course challenges students to develop critical skills in examining and analyzing the role of race and gender in the production, distribution and consumption of the American mass media. Students study these powerful institutions and their role in creating, reproducing and reinforcing racism and sexism. Focuses on media content and considers other social constructions including ethnicity, class, religion and sexual orientation. *Prerequisite:* minimum 2.5 GPA.

COMM-535 Special Topics in News Media (3) (BJ, CS, PJ) Topics vary by section, may be repeated for credit with different topic. Rotating topics in the analysis and working methods of specialized areas of the news media. *Prerequisite:* minimum 2.5 GPA.

COMM-536 Entertainment Communication (3) (PC) This course examines the implications and practice of strategic communication in the U.S. entertainment industry, including TV, digital, music, film, and live arts. It also explores the theoretical foundations that explain the impact of entertainment on U.S. culture and audiences. Usually offered every spring. *Prerequisite:* COMM-301 or COMM-640, and minimum 2.5 GPA, and junior, senior, or graduate standing.

COMM-537 Sports Communication (3) (PC) Examines the role of public relations and mass media in sports communication. The role of sports in American society and how publicists, agents, and sports marketers perform their jobs at all levels of sports. Hands-on training in the tools and technology of sports PR is combined with an analysis of the public's relationship with athletes and sports. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA.

COMM-538 Contemporary Media Issues (3) (BJ, PJ) (MS) Examination of investigative reporting, the "new journalism" and other controversial developments affecting the news media. Assessment of how well the press informs the public. Usually offered every fall. *Prerequisite:* minimum 2.5 GPA.

COMM-539 International Public Communication (3) (PC) The forces of globalization have created a necessity and opportunity for international PR programs. Given the newness of truly international programs, prospective practitioners must gain expertise in cultural sensitivity, knowledge of business cultures, and realistic expectations. The course covers global firms, local agencies, case studies, and PR practices around the world. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA.

COMM-540 Social Marketing (3) (PC) This course explores the principles of social marketing, which is the systematic application of marketing and strategic communication principles to achieve human behavior change toward a social purpose or social good. Students study consumer research techniques and definitions of social marketing, and analyze social marketing and strategic communication campaigns. *Prerequisite:* minimum 2.5 GPA and junior, senior, or graduate standing.

COMM-541 Crisis Communication (3) (PC) This course examines the nature of issue and crisis management from the strategic communication perspective. Students study various issues, risk and crisis situations, as well as the current literature on strategic issue, risk, and crisis communication methods. Students develop a crisis communication plan for a chosen organization. *Prerequisite:* COMM-301 or COMM-640, or permission of school, and minimum 2.5 GPA.

COMM-542 Media Relations (3) (PC) This course focuses on the principles and practices of media relations, the vital link between public relations and journalism. The material covers the symbiotic link between journalists and PR professionals, providing the latter with the theory and practical skills necessary to become ethical and effective practitioners in an era of digital convergence. *Prerequisite:* COMM-301 or COMM-640, or permission of school, and minimum 2.5 GPA.

COMM-543 Speechwriting (3) (PC) Speechwriting plays a central role in politics, business, and organizations whose leaders speak often. It is also important for careers that require public speaking, such as law and marketing. In this course students analyze different types of speeches, study effective speechwriting methods, write speeches, and learn how to craft sound bites and applause lines, use humor and anecdote, and persuade through words. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA and junior, senior, or graduate standing.

COMM-544 Foreign Correspondence (3) (MS) This course prepares students to work as journalists, photographers, documentary makers, and social media producers in foreign countries and provides research skills and training applicable in business, non-profit, non-governmental organizations as well. It examines the structure/process of news/information gathering and journalistic standards. Students build a "Trip File" with analysis and story ideas to execute overseas. *Prerequisite:* minimum 2.5 GPA.

COMM-545 Business and Economic Journalism (3) (PJ) Current economic and business issues and their coverage by the news media. The performance of the media in providing the necessary depth of business and economic reporting. How journalists can improve their knowledge and skills. Usually offered every spring. *Prerequisite:* permission of the school and minimum 2.5 GPA.

COMM-546 Foreign Policy and the Press (3) (BJ, PJ) (MS) The role of the American news media in the coverage of foreign policy issues. Philosophical issues include whether freedom of the press is adequately exercised in the foreign policy field and whether the national media sometimes serve as propagandists for the United States government. Students should be prepared to engage in adversarial debates over key issues. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA.

COMM-548 Global Journalism: Issues and Trends in the Twenty-First Century (3) (BJ, CS, PJ) (MS) The critical issues facing journalists and the news media on a global scale. Examines diversity of international news media and focuses on trends such as the power and influence of global media moguls, the threats of violence and detention that confront journalists around the world, and the role of the news media in the process of political change. *Prerequisite:* minimum 2.5 GPA.

COMM-551 Grassroots Digital Advocacy (3) (PC) This course examines advocacy communication campaigns that use digital strategies and techniques. Students explore how social media, mobile technology, and online activist tools raise awareness for causes, candidates, and issues; analyze campaigns within the context of digital communication theories; and consider the impact of technology on grassroots advocacy. *Prerequisite:* minimum 2.5 GPA.

COMM-552 Social Media Strategies and Tactics (3) (PC) This course focuses on understanding how organizations, including corporations, nonprofits, and the government employ digital strategic communications in their public relations outreach. Search engine marketing, mobile communications, and viral campaigns are examined. The course features case studies, use of social media tools, and experts in social media from various fields. Usually offered every term. *Prerequisite:* COMM-301 or COMM-640 with junior, senior or graduate standing, and minimum 2.5 GPA.

COMM-553 Web and Mobile Development (3) This course gives students an overview of the theoretical structures behind informational design for the Internet and of web development using code and development tools. Students learn basic HTML programming and static site development and how the skills can be applied as a communication medium, as well as how to create their own online content and web site. Usually offered every term. *Prerequisite:* COMM-105 or COMM-301 or COMM-305 or COMM-631 and minimum 2.5 GPA.

COMM-554 Motion Graphics and Effects II (3) This course is a continuation of COMM-454/654 Motion Graphics and Effects I and a working knowledge of basic still and motion compositing programs is assumed. Through the discussion of theory, concepts, techniques, protocols, and hands-on projects, students improve their design, compositing, and animation craft. Hands-on work enables students to become proficient in intermediate compositing and animating skills and in current software and concepts used for cutting-edge motion graphics and compositing in motion pictures, television, commercials, and music video. Examples of outside work are presented and analyzed in class. Additionally, students rely on the individual and collective imagination and creativity of the class to complete their work. Usually offered every spring. *Prerequisite:* COMM-454 or COMM-654.

COMM-555 Techniques and Aesthetics of Editing (3) This course surveys the techniques and aesthetics used in fiction, documentary, and experimental film and video, including Soviet montage, classical Hollywood style, discontinuity, associational, spatial montage, and contemporary narrative. Through a series of exercises, students develop editing strategies for both narrative and non-narrative work. Students receive in-class and written critiques examining the development of each editing exercise. Students edit the final project using their choice of editing strategies covered in the course. Projects develop with increasing complexity and enable students to apply their ideas about editing to the material in order to develop their own style and aesthetic. Usually offered every fall. *Prerequisite:* COMM-434 or COMM-634.

COMM-556 Cross Cultural Film and Video Production (3) (FM) In this interdisciplinary course students improve filmmaking skills including pre-production, camera operation, lighting, sound design, direction, and digital non-linear editing, as well as their ability to work with other cultures. Students work in small production teams and with students at Tecnológico de Monterrey in Mexico and other universities to produce documentaries of cultural, social, environmental, or political interest. Students have the opportunity to travel to Mexico, Costa Rica, and other locations as part of international production teams. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA and senior or graduate standing.

COMM-557 Art of Visual Storytelling: From Concept to Storyboards (3) (FM) This course offers students a comprehensive approach to envisioning and communicating visual stories through a variety of techniques, from conceptual presentations to storyboards, to enhance students' preproduction skills in film, video, and media arts. The course focuses on building skills for visual media pitches, concept approval, film and video production, blocking shots, directing, envisioning re-creations, and adapting creative works to visual media. The course is geared to those working with narrative films, documentaries, historical re-creations, commercials, public service announcements, and other forms of visual storytelling. Some background in film and media arts terminology is recommended, but art and design skills are not required. *Prerequisite:* minimum 2.5 GPA.

COMM-558 Survey of American Cinema (3) (CS, FM) (MS) Origins and historical development of American cinema, specifically the theatrical feature-length fiction film from the nineteenth century to 1970. Hollywood films as mythic representations of the way Americans viewed themselves. Films are screened, discussed, and criticized. Screenings are scheduled in addition to class sessions. Usually offered every fall. *Prerequisite:* minimum 2.5 GPA.

COMM-560 Backpack Documentary (3) (FM) This course reflects the transformation in visual storytelling made possible by technological advances. It is built on the premise that a properly trained practitioner can tell powerful character-driven stories using hand-held cameras for more intimate, more immediate communication than with conventional camera and crew. It includes the tools and techniques used by journalists and documentary filmmakers for effective backpack journalism. Usually offered every term. *Prerequisite:* minimum 2.5 GPA.

COMM-561 Advanced Writing for Film (3) (FM) May be repeated for credit but not in the same term. Emphasizes fiction film scriptwriting. Students are expected to write a feature-length screenplay during the course of the semester, with attention to structure, character development, visual storytelling, dialogue, and theme. Students also read and review professionally-written screenplays. The workshop format includes lectures, discussions, guest speakers, and critiques of student work. Usually offered every fall. *Prerequisite:* COMM-382 or COMM-682 or permission of department, and minimum 2.5 GPA.

COMM-562 Advanced Writing for Television (3) (FM) May be repeated for credit but not in the same term. A workshop that simulates the collaboration experience of a studio writing staff. Students learn to pitch and develop stories for ongoing prime-time shows while polishing skills in story development and characterization. A portfolio-quality "spec" script is the end product. Usually offered every fall. *Prerequisite:* COMM-382 or COMM-682 or permission of department, and minimum 2.5 GPA.

COMM-564 Documentary Storytelling for Social Change (3) Teams of anthropology and communication students produce media projects of direct use to nonprofit, community, and social justice organizations to capture the narratives of underrepresented people in their own words to address pressing issues of health, the environment, housing, education, and hunger. Usually offered every spring. *Prerequisite:* permission of instructor.

COMM-565 Advanced Visual Media Portfolio (3) (FM) May be repeated for credit, but not in the same term (graduate students only). Students pursue in-depth visual media projects for their professional portfolios. The course is multi-visual media; students may work in still, moving, or digital image, or any combination of media in which they are proficient. This course serves as a senior thesis project for undergraduate students. Most class participants produce two projects during the semester. Group critiques are required. Usually offered every spring. *Prerequisite:* COMM-454, COMM-456 or COMM-486 or COMM-523 or COMM-654, COMM-656 or COMM-686, and film and media arts major or admission to graduate film program, and minimum 2.5 GPA.

COMM-566 Practice of Environmentalism: Policy, Science, and Communication (3) (FM) This course brings together students and faculty in environmental science, international politics, and media production to forge an interdisciplinary approach to the study of environmental action. Students learn field research methods, policy analysis, and documentary communication techniques. Each student, as part of an interdisciplinary team, produces a major media project focusing on a particular environmental challenge. Students also participate in a mandatory summer field component in the Galapagos or Alaska to explore firsthand the challenges of promoting ecological sustainability in these unique regions. *Prerequisite:* permission of school, application required.

COMM-567 Communication and Social Change (3) (BJ, PJ, PC, FM) An intensive, hands-on course for film and media arts, journalism, and public communication students to develop a social issue media campaign. The primary goal of the class is the production of various forms of communication media to address a major social issue. *Prerequisite:* COMM-301 or COMM-320 or COMM-331/631 or COMM-640 or COMM-724, and minimum 2.5 GPA.

COMM-568 Environmental and Wildlife Film Production (3) (FM) In this course filmmakers write, produce, shoot, and edit a 30-minute program for Maryland Public TV and other PBS stations around the Chesapeake Bay. Students gain an understanding of what it takes to produce a professional, entertaining documentary for television that is ethically sound and educationally powerful. *Prerequisite:* COMM-434/634 or COMM-436/636, and minimum 2.5 GPA.

COMM-569 Executive Suite (3) (PC, FM) (MS) A survey of the upper echelon management of the entertainment, public relations, new media, and related fields. The course looks at decisions and decision makers who determine what media consumers view, read, and buy. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA.

COMM-570 Film and Digital Media Institute (1-6) (FM) Topics vary by section, may be repeated for credit with different topic. Current practices and trends in the film, video, and television professions. Offered on weekends and evenings during the summer, the institute schedule allows students to select courses in film and video production, direction, writing, design, and management, post-production editing, and other related fields. Small classes and active participation are stressed. Usually offered every summer.

COMM-573 Visual Strategies in Public Relations (3) (PC) In this course students develop critical analytical skills related to graphics and design with the goal of using images and visuals in strategic communication campaigns and understanding how images communicate. They also learn the visual approaches and techniques used by designers to enhance message exposure, awareness, and behavioral change in products such as newsletters, brochures, posters, press kits, and web sites. Usually offered every term. *Prerequisite:* SOC major and junior, senior or graduate standing, or permission of school.

COMM-574 The Business of Television (3) (FM) This course gives students a macro look at the prime-time network and cable television business and investigates the various players in the business, including studios, networks, producers, agents, and advertisers. It examines the different roles and relationships in the development and production of television programming, including what makes a good idea for a television series; the role of the studios; the various economic models; the "showrunner" or executive producer; how an agent works; why advertisers are so important; what the ratings mean; and the future of television. Usually offered every fall.

COMM-575 Advanced Writing for Documentary Film (3) (FM) This course emphasizes writing for documentary film, through all phases and for a wide range of documentary genres and styles. Students examine case studies, screen and discuss films, and explore the writing process from idea to treatment, from shooting script to final script. A series of shorter assignments culminates in each student writing a half-hour original documentary script. Guest speakers share their experience with the class. Usually offered every spring. *Prerequisite:* COMM-325, COMM-337, COMM-382/682, COMM-385, or LIT-402.

COMM-580 Strategic Health Communication (3) People learn more about health from the media than from their doctors, friends or family. But who decides what makes health "news"? Through the use of case studies, in-class discussions, guest speakers, and hands-on multimedia projects, this course provides the skills for communicating health messages. Usually offered every spring. *Prerequisite:* junior, senior, or graduate standing, and minimum 2.5 GPA.

COMM-584 Film Technology and Practice (6) (FM) Part of the AU Abroad Semester in Prague. Introduction to concepts in visual communication through the use of still picture, Hi-8 video, and 16mm non-sync sound film in color. Camera technology, exponents, studio lighting, editing and sound recording, accompanied by analytical screenings and site visits to labs, with a series of sessions with supervising directors, and script consultations. Students edit work-print and magnetic sound on final films. Usually offered every term. *Prerequisite:* COMM-330 or COMM-630, COMM-331 or COMM-631, admission to Prague Semester program, and minimum 2.5 GPA. *Note:* May substitute for required courses COMM-331 or COMM-434 for undergraduate film and media arts majors.

COMM-585 Directing (3) (FM) Part of the AU Abroad Semester in Prague. Introduces students to the field of film directing through a series of seminars with the most important film directors in the Czechlands. The roots of film as art, casting, choosing a crew, directing for dramaturgical impact, large scenes and extras, the doc-

umentary and avant-garde, use of sound and counterpoint, directing the short film and problems of inspiration. Usually offered every term. *Prerequisite:* minimum 2.5 GPA.

COMM-586 History of Czech Cinema (3) (FM) (MS) Part of the AU Abroad Semester in Prague. Through viewing and lectures by some of the most important films and filmmakers in the Czechlands, the course covers the areas of film history most notable to the development of film language in Bohemia: the influences of realism and neorealism, the Czech New Wave and its aftermath, the avant-garde, the animated film, the FAMU Film School Phenomenon, and the short film. Usually offered every term. *Prerequisite:* minimum 2.5 GPA.

COMM-587 Screenwriting (3) (FM) Part of the AU Abroad Semester in Prague. In this writing workshop students are given assignments to write scenes and scripts for short films and analyze films and scenes to learn the basis of dramatic principles, story patterns and genres. The final project is a script for a short film. Usually offered every term. *Note:* May substitute for required course COMM-382 for film and media arts majors. *Prerequisite:* minimum 2.5 GPA.

COMM-588 Race, Ethnic, and Community Reporting (3) This course prepares students to report, write, and produce multimedia stories about increasingly diverse populations involving race and ethnicity at the local level. Students study race in the media, including cultural bias, and approaches to non-mainstream communities, and then apply those concepts by creating multimedia profiles of Washington, D.C., area neighborhoods. Usually offered every term. *Prerequisite:* COMM-320 or graduate journalism student.

COMM-589 Sustainability Communication (3) (PC) Research and principles that inform public communication about science, technology, and the environment. Course topics and case studies include climate change, energy, stem cell research, food biotechnology, the environmental movement, science and religion, evolution, animal welfare, genetic medicine, pharmaceutical marketing, and nanotechnology. Usually offered every spring. *Prerequisite:* minimum 2.5 GPA and junior, senior, or graduate standing.

COMM-590 Independent Reading Course in Communication (1-6) *Prerequisite:* minimum 2.5 GPA and permission of instructor and division director.

Graduate Courses

Note: When 400- and 600-level courses meet together, graduate-level assignments and higher expectations regarding performance are required of students at the 600 level.

COMM-050 Boot Camp for Journalists (0) This non-credit course introduces students to the MA in Journalism program, to Washington, D.C., and to basic digital skill sets. The intense schedule focuses on information gathering, writing, reporting and producing for a variety of media platforms. Emphasis is on fundamentals of critical thinking news judgment, interviewing, ethics and verification - all against a backdrop of a changing media industry. Usually offered every summer. *Prerequisite:* admission to the graduate journalism program.

COMM-601 Communication Law (3) Practical introduction to the U.S. legal system and to laws, regulations, and current cases involving media. Includes a broad understanding of libel, copyright, advertising regulation and First Amendment protections across traditional and emerging media platforms. Introduction to legal writing and research, reasoning and analytic skills. Usually offered every term. *Prerequisite:* admission to graduate journalism, film, or international media program or permission of school.

COMM-602 Digital Media Literacy and Skills (3) This course serves as an introduction to the basic aesthetic, theoretical, and technical aspects of graphics for digital media. Using Adobe Photoshop and Illustrator as the primary software programs, the course challenges students to create effective visual communication designs. Online lectures and assignments introduce students to basic Photoshop techniques. *Prerequisite:* admission to digital media certificate program or permission of program director.

COMM-603 Web Development (3) Students learn an overview of the theoretical structures behind informational design for the Internet. In addition, they learn basic HTML programming and static site development, as well as how the skills can be applied as a communication medium. This course provides students with an overview of web development using code and development tools. Students create their own online content and website. *Prerequisite:* COMM-602 or permission of program director.

COMM-604 Dynamic Content (3) In this course students learn about creating, publishing, modifying, and maintaining a blog as a dynamic publishing platform. The class uses XHTML and CSS knowledge to create, edit, and customize a blog focused on an area of interest. *Prerequisite:* COMM-603.

COMM-605 Video for Social Media (3) Students learn the theory and impact of digital media as a communication tool. Students also learn and apply video skills for a variety of platforms, including web and mobile phones. *Prerequisite:* COMM-604 or permission of program director.

COMM-606 Capstone: Digital Media Project (3) Students work on a short digital media project and website and create a portfolio. *Prerequisite:* COMM-605.

COMM-607 International Investigative Reporting (3) This course dives into the history and trends in international investigative journalism, where journalists are uncovering government and corporate corruption, human rights abuses, environmental degradation, and threats to health and safety. Students learn investigative techniques and complete a semester-long project. Usually offered every fall. May be taken A-F only. *Prerequisite:* admission to the graduate journalism program.

COMM-621 Online News Production I (3) Writing and editing the online news publication, The American Observer. In this live lab, students learn basic storytelling, copyediting skills and AP style, headline writing, good news judgment, story and visual selection, producing multimedia stories, includes discussion of legal and ethical issues and trends in news coverage and audiences. *Prerequisite:* permission of school.

COMM-623 Computer Techniques for Communication Professionals (3) Provides training in computer skills and social and ethical analysis of new mass communication technologies. Includes hands-on training and rigorous examination of the social and political impact of new media technologies. Course covers use of Internet and other online resources, basic use of bibliographic and statistical databases in the news business, and examination of the impact of computers and broadband technologies on mass communication and society at large. Usually offered every spring. *Prerequisite:* permission of school.

COMM-624 Boot Camp for Journalists (3) This course introduces students to the MA in Journalism program, to Washington, D.C., and to basic digital skill sets. The intense schedule focuses on information gathering, writing, reporting and producing for a variety of media platforms. Emphasis is on fundamentals of critical thinking news judgment, interviewing, ethics and verification - all against a backdrop of a changing media industry. Usually offered every summer. *Prerequisite:* permission of instructor.

COMM-625 Seminar in Media Entrepreneurship (3) This course explores how new ventures and established media/communication companies have been successful in the digital environment. The course equips students with the tools of media entrepreneurship focusing on ideation, monetization, competitive scan, and the beginning of a business plan. Usually offered every fall. *Prerequisite:* admission to MA in Media Entrepreneurship or weekend MA in Communication: Journalism and Public Affairs program or permission of program director.

COMM-626 Media Technology Management (3) Entrepreneurial success requires a grasp of the basics of technology behind multiple digital platforms. For students who want to run a media startup or lead innovation at their media-related company, this course is a broad survey of how to manage communication technology. Topics include managing budgets, vendors, workflow, hardware, software, and production. Usually offered every summer. *Prerequisite:* admission to MA in Media Entrepreneurship or permission of program director and instructor.

COMM-627 Capstone: Media Entrepreneurship (3) In a lab-like environment, MA in Media Entrepreneurship students develop a final project and/or proposal with the goal of presenting it to a panel of potential investors or industry leaders. Students drill down on the final steps of their projects in class sessions with experts in funding, resource technology, and presentation. Usually offered every spring. *Prerequisite:* admission to MA in Media Entrepreneurship.

COMM-628 Proseminar in Political Communication (1) This introduction to political communication examines the role of communication in politics and the interplay of news, politics, advocacy, and public policy. The course provides students with the opportunity to process, analyze, and discuss current events through a political communication prism. Usually offered every fall. May be taken pass/fail only. *Prerequisite:* admission to the MA in Political Communication.

COMM-629 Capstone in Political Communication (3) This seminar is the culmination of the MA in Political Communication and provides support for the required capstone project. This project involves development of an original question, critical thinking, and extensive research and analysis leading to a logical and defensible conclusion and/or recommendations for further study. Usually offered every spring. *Prerequisite:* admission to the MA in Political Communication, completion of the research methods course and at least 27 credits hours, or permission of instructor.

COMM-630 Principles of Photography (3) Introduction to basic technical and aesthetic principles of black and white photography, from learning how to operate 35mm film and digital SLR cameras, to processing and developing film, and printing both in the darkroom and digitally. Usually offered every term. *Prerequisite:* permission of school.

COMM-631 Film and Video Production I (4) Fundamental technical and aesthetic considerations involved in visual media production. Through projects in audiotape, 35mm slides, and small format video that are critiqued in class, students learn the principles and procedures of sound recording and editing, cinematography, editing visual images, and preproduction planning. Usually offered every term. *Prerequisite:* admission to graduate film program.

COMM-632 Backpack Video Journalism (3) Instruction in shooting, editing, and producing of video stories; merging of script, video, and graphics into the final product. Working alone or in small teams, students learn to use digital cameras, microphones, lights, tripods, field shooting techniques, and nonlinear editing. Students produce a video résumé reel as a capstone project. Usually offered every spring. *Prerequisite:* admission to graduate journalism program.

COMM-633 Broadcast Delivery (3) The effective delivery of news on radio and television. Examination and analysis of individual student problems with extensive practice sessions to solve them. Meets with COMM-433. Usually offered every spring. *Prerequisite:* COMM-721.

COMM-634 Film and Video Production II (4) Includes 16mm silent and small-format video location production. Emphasis is on planning, treatment and shot scripting, development of scene and character, location lighting, refinements of continuity, location sound recording, and visual design. Meets with COMM-434. Usually offered every term. *Prerequisite:* admission to graduate film program.

COMM-635 Introduction to Studio Television (3) A hands-on laboratory course to teach basic studio operation and production skills, including the production roles of director, technical director, audio engineer, teleprompter operator, floor manager, and camera operator as well as original production planning. The class stresses teamwork and professionalism through participation in the creation of an original short television series. Meets with COMM-635. Usually offered every term. *Prerequisite:* admission to graduate film program.

COMM-636 Washington Reporting (3) Field coverage of people, organizations, and events in the Washington area concerned with domestic or international affairs. In-depth story development, feature writing, and editing. Usually offered every spring and summer. *Prerequisite:* permission of school.

COMM-637 Multimedia Storytelling (3) This course teaches writing, reporting, and editing stories for both audio and video platforms and integration with content management systems. Audio styles range from commercial radio to NPR, video reports include both narrative and non-narrative assignments. Students also learn non-linear audio and video editing. Usually offered every fall. May be taken A-F only. *Prerequisite:* admission to graduate journalism program.

COMM-638 Production Practicum (1-3) Topics vary by section, may be repeated for credit with different topic. Provides students with skills training in a variety of media production areas. Topics include non-linear editing, digital post production, location sound production, studio sound production and mixing, location lighting techniques, cinematography, digital authoring, and coding.

COMM-640 Principles of Strategic Communication (3) Examines the strategic elements of public communication strategies with focus on communication campaigns, public opinion, the media, the role of research, audience identification, message development, and communicating to various publics. Explores the role of strategic communication in society, politics, culture, business and various other institutions, and examines the ethics of persuasion. Usually offered every fall. *Prerequisite:* admission to MA in Strategic Communication or Political Communication.

COMM-642 Strategic Communication Management (3) (fall 2013: Public Communication Management) Provides practical and theoretical experience in strategically planning and managing the public relations process. Conceptual and analytical skills include understanding the management of people, resources and organizational processes. Includes leadership skills, budget and proposal development, decision making, ethical and organizational considerations, and managing in culturally diverse environments. Usually offered every spring. *Prerequisite:* admission to MA in Strategic Communication.

COMM-644 Writing for Strategic Communication (3) This course explores the relationship between audience, message structure, and medium through strategic writing. Students develop skills in drafting, editing, and polishing of strategic communication writing products, including plans, news releases, speeches, social media, opinion pieces, and short video treatments/scripts. Includes an emphasis on deadline writing and editing skills. Usually offered every fall. *Prerequisite:* admission to MA in Strategic Communication or International Media or Political Communication.

COMM-646 Strategic Communication Practicum (3) Applies the principles and skills from other strategic public communication courses to practical case study experiences. As the culminating skills component of the graduate program, students produce a professional portfolio for a client that may include media promotional items, broadcast applications, direct mail and web-based products, as well as newspaper, newsletter, magazine materials and other communication products. Usually offered every spring. *Prerequisite:* admission to MA in Strategic Communication.

COMM-648 Topics in International Media (3) Topics vary by section, may be repeated for credit with different topic. In-depth analysis of regions or countries and their media systems with emphasis on regional issues regarding the evolution of the media and its interaction with culture and politics.

COMM-650 Digital Imaging (3) An introduction to the technical aspects of digital imaging and basic techniques such as selection and retouching tools that challenges students to create effective visual communication designs. The course includes how to effectively use layers, channels, and masks to edit and composite images with discussions focusing on creating and recognizing effective visual communication concepts and carrying out these concepts through design. Students should expect to spend additional time in the lab outside of the scheduled class time. Usually offered every term. *Prerequisite:* previous computer experience.

COMM-652 Web Studio (3) In this course students learn how to construct a web site from the ground up, including site planning, basic HTML code, graphics creation, optimization, and publishing. Graphic development tools are used to turn ideas into fully functional web sites. Students also study the web site development process and how to build and assess site usability. *Prerequisite:* previous computer experience.

COMM-654 Motion Graphics and Effects I (3) This course focuses on the creation of motion graphics using animation and compositing programs. Through discussions of concepts and design, students learn techniques to creatively use software tools to achieve dramatic and artistic effects. Current software and concepts used for cutting edge motion graphics and compositing in motion pictures, television, commercials, and music videos are introduced and examples of outside work are presented and analyzed in class. Students are encouraged to learn from each other's examples, problems, and solutions. Students should expect to spend additional time in the lab outside of the scheduled class time. Meets with COMM-454. Usually offered every term. *Prerequisite:* COMM-650 or permission of school.

COMM-656 Dramatic Production (3) Techniques of 16mm sound-film production: lighting, sound recording, cinematography, and post production. Meets with COMM-456. Usually offered every term. *Prerequisite:* COMM-634, COMM-682, and admission to graduate film program.

COMM-659 International Film and TV Markets (3) This course introduces students to the complexities of the international film and TV markets, which are essential for the financial success of almost any film or television project. Issues explored include ownership of local media and the development of the local media infrastructure; co-productions between producers from different countries; marketing challenges resulting from religious, social, and cultural differences; the realities of censorship and media piracy, and more. Usually offered every fall. *Prerequisite:* admission to the MA in Producing for Film and Video, or permission of the program director.

COMM-660 Developing Fiction Productions (3) This course provides an understanding of the process behind the creation of independent fiction feature film projects. This includes obtaining the underlying idea or property, financing, distribution, and marketing of films for the major studios, mini-majors, and independent production companies. Students pitch original ideas and convert them into marketable projects. Usually offered every fall. *Prerequisite:* admission to the MA in Communication: Producing for Film and Video.

COMM-661 Developing Nonfiction Productions (3) The non-theatrical film, television, and video industries are multifaceted, dynamic, and enormously complex. This course teaches film and video producers how to finance and market their productions. The course examines different financing and cost recoupment mechanisms that programmers use in building their programming lineup. The focus is on contract production, co-production, and production acquisition as typical deal structures used by major programmers. Usually offered every spring. *Prerequisite:* admission to the MA in Communication: Producing for Film and Video.

COMM-662 Production Planning and Management (3) How to administer and manage both large and small productions through script breakdown, stripboarding, scheduling, budgeting, location shooting, and dealing with unions and talent agents. Discussion of the field as a career, and how to apply business-like approaches to motion pictures, television programs, and videotape documentaries. Usually offered every fall. *Prerequisite:* admission to the MA in Communication: Producing for Film and Video.

COMM-664 Directing for Camera (3) Examines the role of the director in fiction film. The course focuses on creative and aesthetic concerns as well as technical knowledge and skills the director needs to function successfully as a storyteller. There is emphasis on the collaborative relationship between the director and the actor. The course is designed as a director's laboratory where students are exposed to a variety of skills and approaches. The workshop format includes lectures, discussions, scene rehearsals, and critiques of student work. Meets with COMM-464. Usually offered every fall. *Prerequisite:* COMM-631 or COMM-635, COMM-682 and admission to graduate film program.

COMM-671 Media Enterprise I: Establishing the Enterprise (3) Provides the fundamental knowledge needed for film and video producers in the non-theatrical market operating as small business entrepreneurs. Establishing a media production company: creating a business plan, basic economics of the media business, finding investors and/or partners, ways of structuring the enterprise, finding and using legal and accounting services, decisions that affect basic overhead costs, taxes, accounting practices, and personnel considerations. Usually offered every spring.

COMM-682 Writing for Visual Media (3) Techniques of writing scripts for film and television productions. Students write and criticize assignments. No production is involved in this course. Usually offered every term. *Prerequisite:* admission to graduate film program.

COMM-686 Advanced Documentary Techniques (3) (FM) Designed to fine tune students' exposure to and practice in a variety of contemporary documentary techniques. Each student produces a final project, but during the semester works in teams on a variety of documentary genres, including observational, web docs, nonprofits, historical, narrated, and mockumentary. Meets with COMM-486. Usually offered every term. *Prerequisite:* COMM-634.

COMM-688 Media Writing (3) An intensive writing course providing an introduction to basic communication techniques for informing a mass audience. The course includes instruction and practice in newswriting and strategic communication for print, broadcast, and online media, emphasizing the practical application of how to write a fair and balanced news story, foster a cause, or persuade an audience. Also covers AP style, editing, and critiques. *Prerequisite:* admission to MA in International Media or permission of school.

COMM-690 Independent Study Project in Communication (1-6) *Prerequisite:* permission of instructor and division director.

COMM-691 Graduate Internship (3) Professional communication work in an off-campus organization appropriate to the student's academic program. *Prerequisite:* permission of division director.

COMM-701 Graduate Seminar in Film Theory and Practice (3) The seminar focuses on the development of film theory and criticism. The work of Arnheim, Eisenstein, Kracauer, Bazin, Mitry, and Metz are studied as primary sources. The relationship between theory and production is examined and applied to analysis of specific films. Usually offered every term. *Prerequisite:* permission of the school.

COMM-702 Master's Portfolio Capstone (1-6) Independent work toward project in lieu of thesis for students in the graduate film programs. Consult graduate program director for registration and participation requirements. Usually offered every term. *Prerequisite:* permission of the school.

COMM-704 Media, Technology, and Democracy (3) This is a foundation overview course focused on scholarship and analysis concerning the intersections of media, technology, and democracy. It also introduces other core courses and study concentrations for advanced study in these topics. Usually offered every fall. *Prerequisite:* admission to PhD program or permission of instructor.

COMM-710 Seminar in Public Affairs (3) Current issues in the making of domestic, international, and economic public policy in Washington with emphasis on the role of the media. Includes a major reporting project. Usually offered every term. *Prerequisite:* admission to MA in Communication: Journalism and Public Affairs or International Media.

COMM-711 Teaching Seminar in Communication (3) Provides MFA and PhD candidates with an overview of teaching philosophies, course management issues, curriculum issues in communication, academic culture, and related institutions significant to the teaching of communication. Reading projects, class lecture, and discussion are balanced with teaching experience. Usually offered every spring.

COMM-716 Advanced Topics in Film and Media Arts (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in the production analysis of specialized areas of film and electronic media storytelling, such as screenwriting, directing, or advance editing techniques. Usually offered every term. *Prerequisite:* admission to the MA in Film and Video or MFA in Film and Electronic Media.

COMM-720 Capstone Seminar in Journalism (3) Examines ethical and economic issues affecting the media and initiates studies to add to the literature of media criticism. Students become acquainted with team journalism and in-depth writing projects focusing on media issues. Usually offered every spring. *Prerequisite:* COMM-724.

COMM-721 Digital Audio Production (3) Writing, reporting, interviewing, and digital editing of audio stories. The class emphasizes radio news production, including commercial and public radio style, and narrative and non-narrative storytelling. Students work under deadline, creating radio newscasts and/or podcasts, and build an online portfolio of audio, web stories, and audio-photo slideshows. Usually offered every fall. *Prerequisite:* admission to graduate journalism program or permission of school.

COMM-722 Advanced Television and Video Production (3) Producing, writing, reporting, and non-linear editing of television newscasts and other television news magazine formats. Field reporting and line producing daily newscasts under deadline. Live production for television and post-production for digital platforms. News topics include local, national, and international news as well as health, sports, entertainment and weather. Usually offered every spring. *Prerequisite:* COMM-721 or permission of school.

COMM-724 Reporting of Public Affairs (3) Professional training in news gathering, writing, interviewing, producing, and editing on-deadline news stories, with a focus on and in Washington, D.C., and emphasis on coverage of domestic and international issues. Students develop research and ethical reporting skills for in-depth assignments across media platforms, learning the mission of journalism in democracy. Usually offered every fall. *Prerequisite:* admission to graduate journalism program or permission of school.

COMM-725 In-depth Broadcast Production Capstone (3) In this course students demonstrate advanced writing, videography, and editing skills by creating an in-depth video project. They demonstrate an understanding of reporting and producing that highlights research and multimedia storytelling skills, and adept use of long-form journalism techniques. Usually offered every summer. May be taken A-F only. *Prerequisite:* COMM-632 and COMM-722, or permission of program director.

COMM-735 Communication Theory (3) Survey of relevant theories of public communication, including theories of interpersonal communication, persuasion, public relations, public opinion, mass communication and media studies. Also includes theories of research methodologies and their application to public communication practices. Usually offered every fall. *Prerequisite:* admission to MA in Strategic Communication or International Media or Political Communication.

COMM-738 Research for Strategic Communication (3) This course is an introduction to quantitative and qualitative research methods in communication. Students use research for program management, planning, diagnosing, and evaluating public relations programs. Includes development of theoretical rationales and research questions; measurement; sampling; survey and experimental design, content analysis, focus groups and in-depth interviews, data analysis techniques, interpretation of results, and emerging trends in research. Usually offered every fall. *Prerequisite:* admission to MA in Strategic Communication or International Media or Political Communication.

COMM-744 Strategic Communication Capstone (3) The capstone project employs what students have learned about the processes and effects of public communication by developing and supporting a thesis statement, advancing an idea, researching, and writing or creating their final product. Students are advised to gear their scholarly, creative, or journalistic work for publication or professional presentation. Usually offered every spring. *Prerequisite:* COMM-735 and COMM-738 and admission to MA in Strategic Communication.

COMM-747 AU-FAMU Exchange Program (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at the Film and TV School of the Academy of Performing Arts (FAMU), Prague, Czech Republic. *Prerequisite:* permission of school.

COMM-750 Advanced Media Theory (3) This course examines a range of theories for explaining the complex interrelationships among media, technology, human behavior, social interaction, and democratic processes. It provides an in-depth comparative analysis of theoretical approaches from a variety of academic fields including mass communication, cultural studies, film criticism, and digital media. Usually offered every fall. *Prerequisite:* admission to PhD program or permission of instructor.

COMM-751 Advanced Media Research Methods (3) This course covers major social scientific, historical, ethnographic, qualitative, and critical approaches to media research, including discussions of epistemology, conceptualization, measurement, and ethics. Usually offered every fall. *Prerequisite:* admission to PhD program or permission of instructor.

COMM-754 Media Law and Policy (3) This course equips students with a strong grounding in U.S. laws, policies, and regulatory infrastructure. It analyzes how public debates and political struggles over policy issues have shaped the culture, structure, and operations of contemporary U.S. media industries and institutions. Usually offered every spring. *Prerequisite:* admission to PhD program or permission of instructor.

COMM-795 Capstone Seminar in International Media (3) This capstone for School of Communication students in the MA in International Media is the culmination of the program and provides support for the production of the capstone project, which involves the conceptualization, development, research, and writing of a substantial original research paper on an international media-related topic. Usually offered every spring. *Prerequisite:* COMM-738 or permission of instructor.

COMM-797 Master's Thesis Research (1-6) May be taken SP/UP only. *Prerequisite:* permission of the school.

COMM-799 Doctoral Dissertation Seminar (1-12)

COMM-898 Doctoral Continuing Enrollment (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

COMM-899 Doctoral Dissertation (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

Computer Science

Undergraduate Courses

CSC-100 Computers and Information (3) A first course for studying computers and information. Provides a foundation for using computers in other courses and curricula for research, communication, and writing. Hands-on experience in productivity enhancement, software, hardware, systems development, uses of the Internet and World Wide Web, and future directions and trends for computers and information. Usually offered every term. *Note:* This course is not intended for Computer Science majors.

CSC-280 Introduction to Computer Science I (4) Problem solving and algorithm development. Structured programming, basic data types, and canonical structures; arrays and subprograms; recursion. Social implications of computing. Elementary applications from business and science. Usually offered every term. *Prerequisite:* familiarity with using files, e-mail, and the World Wide Web.

CSC-281 Introduction to Computer Science II (3) Continuation of problem solving and object-oriented programming. Emphasis on larger programs built from modules. Introduction to abstract data structures: stacks, queues, graphs, and trees and their implementations and associated algorithms. Elementary numerical methods. Usually offered every term. *Prerequisite:* CSC-280.

CSC-310 Introduction to Geographic Information Systems (3) A geographic information system (GIS) is a system of hardware, software, data, people, organizations, and institutional arrangements for collecting, storing, analyzing, and disseminating information about areas of the earth. This course provides an introduction to GIS, GIS software, and GIS applications. Usually offered every fall. *Prerequisite:* completion of the College Writing and Writing Proficiency Requirement, and familiarity with spreadsheets, e-mail, and the World Wide Web.

CSC-330 Organization of Computer Systems (4) Logical circuit design, integrated circuits and digital functions, data representation, register transfer operations and microprogramming, basic computer organization, the central processor, and arithmetic operations. *Prerequisite:* completion of the College Writing and Writing Proficiency Requirement and CSC-280.

CSC-350 Introduction to Discrete Structures (3) Introduction to mathematical subjects required in computer science, such as graphs, sets and relations, logic, and recurrence. *Prerequisite:* completion of the College Writing and Writing Proficiency Requirement, MATH-15x, and CSC-280.

CSC-360 Tools of Scientific Computing (3) Designed to teach scientific rigor in the use of computers and/or computational tools. Techniques from mathematics are introduced which lead to efficient algorithm design, algorithm analysis, data classification, data manipulation, and scientific computation. Includes data types, induction, recursion, sorting, searching, summation, optimization, asymptotic analysis, basic number theory, discrete probability, and parallel computing. Meets with MATH-360. Usually offered alternate falls. *Prerequisite:* CSC-280, CSC-281, MATH-221, and MATH-222.

CSC-390 Independent Reading Course (1-6) *Prerequisite:* permission of instructor and department chair.

CSC-432 Introduction to Simulation and Modeling (3) Design, implementation, and analysis of simulation models for dynamic continuous systems. Emphasis on continuous physical systems and analysis of their dynamic behavior from deterministic physical models. Overview of numerical integration algorithms in simulation. Introduction to difference equations and chaotic system behavior and simulation systems such as SIMULINK/MATLAB. *Prerequisite:* CSC-280, and MATH-211 or MATH-221.

CSC-435 Web Programming (3) This course presents and applies the web programming languages (HTML, DHTML, Javascript, Coldfusion), tools, and techniques used to develop professional web sites. The course moves step-by-step through the processes involved in planning, designing, launching, and maintaining successful web sites, with an emphasis on teamwork. *Prerequisite:* completion of the College Writing and Writing Proficiency and CSC-280.

CSC-490 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

CSC-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

CSC-493 Computer Science Capstone Project (3) May be repeated for credit. Students complete a semester-long design project related to one or more areas of computer science. The focus is on the design process, documentation, and project presentation. Topics related to the professional practice of computer science, including careers, ethics, technical writing, and speaking, and contemporary issues in computer science are also covered. Usually offered every term. *Prerequisite:* CSC-280, CSC-281, and one other CSC course at the 300-level or above.

Graduate and Advanced Undergraduate Courses

CSC-510 Legal Issues in Computing (3) Copyright, patent, contract, tort, antitrust, privacy, and telecommunications issues. *Prerequisite:* junior standing.

CSC-520 Algorithms and Data Structures (3) Design and analysis of efficient algorithms. Implementation and manipulation of data structures, including linked lists, stacks, queues, trees, and graphs. Memory management. Internal and external searching and sorting. Usually offered alternate falls. *Prerequisite:* CSC-281.

CSC-521 Design and Organization of Programming Languages (3) Study of desirable features and specifications of programming languages by investigation of data types, control structures, data flow, and run-time behavior of several languages, such as Prolog, Smalltalk, LISP, Ada, etc. At least one non-procedural language is studied in detail. Elements of compiling and interpreting. *Prerequisite:* CSC-281.

CSC-535 User Interface Analysis and Design (3) This course provides the technical aspects of web application development, as well as the conceptual issues that affect this technology. Students develop an independent web-based project based on available authoring tools.

CSC-540 Computer System Organization and Programming (3) Investigation of the structure of a modern computing system. Alternative computer organizations are discussed so that students may appreciate the range of possible design choices. Assembly, linking, and loading are presented in detail. The relation between system software and computer organization is discussed.

CSC-543 Object-Oriented Analysis and Design (3) A study of object-oriented concepts and their use in systems development. This course analyzes abstractions called objects and develops analysis-level models of systems using objects. The properties of these object models are discussed and methods for systematic development of the models are studied. The translations of the analysis-level models into system design is performed to understand how systems can be realized in software implementations.

CSC-544 Object-Oriented Programming (3) Advanced use of an object-oriented programming language in the implementation of object-oriented systems. The language is studied in depth to see how advanced concepts are realized in the language, and is used to produce example systems. Emphasis is placed on the most recent advanced features. *Prerequisite:* CSC-281 or equivalent.

CSC-546 Introduction to Computer Networks (3) An introduction to the basic concepts of computer networks. The architecture of data communication systems, the seven-layer model of a network, and the physical, data link, network, transport, and session layers are explored. Protocol algorithms are considered for the implementation of the various network layers. Usually offered once a year.

CSC-565 Operating Systems (3) Historical background. Operating system functions and concepts: processes; processor allocation; memory management; virtual memory; I/O and files; protection; and design and implementation. Several existing operating systems are discussed. A group project to design and implement a small operating system is usually required. Usually offered alternate springs. *Prerequisite:* CSC-281.

CSC-568 Artificial Intelligence (3) Application of computers to tasks usually thought to require human intelligence, such as game playing, problem solving, learning, pattern recognition, natural language understanding, and expert systems. *Prerequisite:* CSC-280.

CSC-570 Database Management Systems (3) Examination of database management systems, distributed systems, evaluation and selection of computer systems, privacy and security, and performance evaluation. This course provides a fundamental exposure to relational architecture through exercises in Microsoft Access and Oracle 8, including an introduction to SQL. *Prerequisite:* CSC-281.

CSC-589 Topics in Computer Science (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include artificial intelligence programming, computer graphics, the history of computing, and neural networks.

CSC-590 Independent Reading Course (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

CSC-600 Simulation (3) Design and implementation of simulation systems. Covers discrete-event, stochastic simulations with examples chosen from a variety of fields. At least one simulation language is studied in detail.

CSC-610 Introduction to Geographic Information Systems (3) A geographic information system (GIS) is a system of hardware, software, data, people, organizations, and institutional arrangements for collecting, storing, analyzing, and disseminating information about areas of the earth. This course provides an introduction to GIS, GIS software, and GIS applications. Usually offered every spring. *Prerequisite:* familiarity with spreadsheets, e-mail, and the World Wide Web.

CSC-636 Advanced Database Management Systems (3) Advanced query capabilities and procedural constructs are described using SQL and PL/SQL. The theoretical foundation for using these capabilities is presented. Performance issues are discussed including indexing, key definitions, and data constraints. The role of application development in ease of use, query optimization, and system performance is discussed.

CSC-637 Database Administration (3) Database administration subjects including space allocation, recovery, security, configuration management, and performance tuning are discussed. Administration capabilities are presented using a real environment. Recovery issues include commit and rollback capabilities, check points, and data logs. Physical design and implementation constraints are addressed.

CSC-689 Topics in Computer Science (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include design and analysis of algorithms, expert systems, client server computing, and computer network design and analysis.

CSC-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

CSC-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

CSC-694 Capstone Project (3) With guidance from their advisor and the project class coordinator, students select an application area in computer science where an open-ended problem can be identified. Students research the literature and current domain solutions in the application area. Projects are documented and defended. *Prerequisite:* completion of minimum of 24 credits hours of graduate study in computer science.

CSC-797 Master's Thesis Research (1-6) May be taken SP/UP only. *Prerequisite:* completion of 24 graduate credit hours and permission of department.

Economics

Undergraduate Courses

ECON-100 Macroeconomics FA4 (3) Introduction to the basic principles of aggregate economic analysis. Includes measurement and determinants of national income, unemployment, inflation, economic growth, and business cycles. Topics also include historical perspectives, alternative approaches to economics, and current issues and controversies. Usually offered every term.

ECON-110 The Global Majority FA3 (3) Introduction to economic problems of less-developed countries, human dimensions of development, alternative strategies for development, and relationships between the more-developed and less-developed countries. Applications of elementary economic analysis are supplemented by non-traditional materials such as films or novels. Usually offered every term.

ECON-200 Microeconomics FA4 (3) Introduction to the analysis of markets and the behavior of different kinds of economic agents. Covers supply and demand, behavior of consumers and firms, competitive markets versus monopoly or oligopoly, income distribution, discrimination, and international trade. Usually offered every term.

ECON-300 Intermediate Microeconomics (3) Theories of production, business firms, and consumer demand. Perfect and imperfect competition. Market failures including externalities and public goods. Policy applications. Usually offered every term. *Prerequisite:* ECON-100 and ECON-200.

ECON-301 Intermediate Macroeconomics (3) Theoretical models of national income, employment, inflation, and economic growth, with applications to contemporary policy issues. Fiscal and monetary policies. Usually offered every term. *Prerequisite:* ECON-100 and ECON-200.

ECON-317 Political Economy (3) Survey of alternative theories of political economy (e.g., Marxian, Feminist, and Institutionalist) with applications to current economic problems and institutions. Usually offered alternate springs (odd years). *Prerequisite:* ECON-100 and ECON-200.

ECON-318 Economic History (3) Historical investigation of economic development using Europe and the Third World as case studies. Emphasis is on applying economic theory to illuminate historical development of major countries. Offered irregularly. *Prerequisite:* ECON-100 and ECON-200.

ECON-319 United States Economic History (3) Historical investigation of economic development using the United States as a case study. Emphasis is on applying economic theory to illuminate historical development of the U.S. economy since colonial times. Offered irregularly. *Prerequisite:* ECON-100 and ECON-200.

ECON-320 History of Economic Ideas (3) Evolution of economic theory since the eighteenth century; major figures and schools in economic thought from Adam Smith to the present. Emphasis on specific historical contexts of economic ideas and the significance of having a separate body of thought called economics. Offered irregularly. *Prerequisite:* ECON-100 and ECON-200.

ECON-322 Applied Econometrics I (4) Review of the theory of economic statistics and statistical techniques. Emphasis on applying statistical models to economic data. Regression analysis and estimation of economic models. Includes violations of the basic assumptions of the regression model, dummy variables, and analysis of variance. Index numbers and time series analysis. Lab allows students to learn how to apply theory of economic statistics. Usually offered every spring. *Prerequisite:* ECON-100, ECON-200, and STAT-202 or STAT-203.

370 Course Descriptions

ECON-332 Money, Banking, and Finance in the Global Economy (3) Money, banking, and capital markets in a globalizing world. Includes central banking, monetary integration, currency competition, dollarization, electronic money, banking problems and policies in emerging market economies, developed and emerging capital markets, and appropriate policies for regulating global financial institutions. Usually offered every spring. *Prerequisite:* ECON-100.

ECON-341 Public Economics (3) Theories of taxation, public expenditure, and fiscal policy. Comparison of fiscal institutions in the United States and abroad. Government approaches to income redistribution and poverty: negative income tax, family allowances, etc. Usually offered alternate springs (even years). *Prerequisite:* ECON-100 and ECON-200.

ECON-345 Introduction to Game Theory (3) This course explores applications such as auctions, firm competition, and voting with mathematical analysis. It includes Nash equilibrium, subgame perfect equilibrium, evolutionary stability, repeated games, signaling, mechanism design, uncertainty, and behavioral game theory. Meets with MATH-345. Usually offered every fall. *Prerequisite:* ECON-200, and MATH-211 or MATH-221.

ECON-346 Competition, Regulation, and Business Strategies (3) Historical and contemporary analysis of industrial market structures and of the behavior of business firms in the United States. The rise of large corporations, monopoly power and its effects on economic and social welfare, control over large corporations, and governmental regulation of business. Usually offered every fall. *Prerequisite:* ECON-100 and ECON-200.

ECON-351 Comparative Economic Systems (3) Analysis and comparison of different economic institutions as they affect economic democracy, efficiency, and equity. Using a case study approach, the course covers the differences between the economic systems of various industrialized countries and evaluates the historical experiences of the formerly "socialist" economies. Offered irregularly. *Prerequisite:* ECON-100 and ECON-200.

ECON-361 Economic Development (3) Survey of major issues related to the economics of developing countries in Latin America, Africa, and Asia. Includes the meaning and measurement of economic development, theories of development and underdevelopment, and policies to alleviate poverty and promote development in the low-and middle-income countries of the world. Usually offered every fall. *Prerequisite:* ECON-100 and ECON-200.

ECON-362 Microeconomics of Economic Development (3) Theoretical and empirical exploration of microeconomic issues and policies in developing countries. The course focuses on poverty and income distribution and includes coordination failures, credit and labor market imperfections, microcredit, health, food security, human capital accumulation, gender relations, property rights, transaction costs, and economics of the household. Usually offered every fall. *Prerequisite:* ECON-100 and ECON-200. *Note:* ECON-300 or ECON-400 is recommended.

ECON-363 Macroeconomics of Economic Development (3) Theoretical and empirical exploration of macroeconomic issues and policies in developing countries. Topics include exchange rates, monetary policy, fiscal policy, international trade, international financial flows, financial crises, structural adjustment, and related topics. Usually offered every spring. *Prerequisite:* ECON-301 or ECON-401.

ECON-370 International Economics (3) Introduction to international trade and finance and open economy macroeconomics. Includes why countries trade, trade policies and their effects, the balance of payments, foreign exchange markets, and fixed and flexible exchange rates. Usually offered every term. *Prerequisite:* ECON-100 and ECON-200. *Note:* Intended for majors in other teaching units and BA in Economics: general track. No credit toward BA in Economics: international track, BS in Economics, or BS in Mathematics and Economics.

ECON-371 International Economics: Trade (3) Theories of international trade and its impact on national economies, including overall welfare gains and redistributive effects; analysis of the effects of tariffs, quotas, and other trade policies. Topics include capital and labor mobility, trade and development linkages, and preferential or regional trade agreements. Usually offered every spring. *Prerequisite:* ECON-300 or ECON-400.

ECON-372 International Economics: Finance (3) Determination of income, employment, and inflation in open economies; international impact of monetary-fiscal policies under fixed and flexible exchange rates; theories of exchange-rate determination; and international monetary organization and reform. Usually offered every fall. *Prerequisite:* ECON-301 or ECON-401. STAT-202 is recommended.

ECON-373 Labor Economics (3) Application of economic theory to labor markets in the United States and abroad. Includes determination of wages, and wage differentials, discrimination, training policy, poverty, unemployment and underemployment, income distribution, productivity, industrialization, and union policies. Offered irregularly. *Prerequisite:* ECON-300 or ECON-400.

ECON-374 Gender Roles in the Economy (3) Explores the gender dimensions of economic life. An in-depth look at the roles of men and women in the community, the market, and within the household; how gender roles are affected by economic and social change. The discipline of economics is brought to bear on the study of women's and men's well-being and status in society. Usually offered every fall. *Prerequisite:* ECON-100 and ECON-200.

ECON-376 International Economic Policy (3) Major factors and issues in U.S. international economic relations in terms of trade-offs between political and economic priorities; emphasis on U.S. international trade, finance, development, energy, and investment policies. Usually offered every term. *Prerequisite:* ECON-100, ECON-200, and SISU-206 or STAT-202.

ECON-377 U.S. Domestic Economic Policy (3) Current issues in domestic economic policy making in Washington, DC are analyzed in this course. It begins with an assessment of the state of the U.S. economy and the well-being of the American people. Macroeconomic policies, both fiscal and monetary, are studied in the current context and also in the recent past of the Great Recession and financial crisis. The microeconomics of health care reform and energy and environmental policies are also analyzed. Usually offered every fall. *Prerequisite:* ECON-100 and ECON-200.

ECON-379 Economics of Environmental Policy (3) The relationship between economic activity and the natural environment; the meaning and implications of sustainable development. Includes environmental protection, resource conservation, evaluation of environmental costs and benefits, and optimal management of natural resources. Also compares different policy approaches to regulating pollution and the exploitation of common property resources. Usually offered every fall. *Prerequisite:* ECON-100 and ECON-200.

ECON-383, ECON-384 Washington Economic Policy Semester Seminar I (4), II (4) Intensive examination of economic policy making in Washington. Encompasses theoretical analysis of economic problems, extensive readings, on-site discussions with economic policy decision makers, preparation of papers, and presentation of alternative paradigms used to understand economic policy. Usually offered every term.

ECON-385 Washington Economic Policy Semester Internship (4) Experience in pursuing directed research with an organization directly involved in the field of economic policy.

ECON-390 Independent Reading Course in Economics (1-6) *Prerequisite:* permission of instructor, and faculty advisor or undergraduate program director.

ECON-400 Intermediate Microeconomics with Calculus (3) Theory of resource allocation and price system; theory of demand, production, and distribution; and market structure and performance. Usually offered every term. *Prerequisite:* ECON-200 and MATH-221.

ECON-401 Intermediate Macroeconomics with Calculus (3) Theories of income determination, inflation, and unemployment, business cycles, and long-run growth. Analysis of monetary and fiscal policies with extensions to open economies. Also includes debt dynamics and financial crises. Usually offered every term. *Prerequisite:* ECON-100, ECON-200, and MATH 221.

ECON-424 Applied Econometrics II (3) More advanced topics of econometrics, including time-series techniques, limited dependent variable models, simultaneous equations, instrumental variables, and panel data methods. Usually offered every term. *Prerequisite:* ECON-322.

ECON-458 Economics of the World Regions (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics course examines economic trends and economic policies in regions such as Africa, East Asia, Middle East, or emerging markets. Focuses on distinctive economic institutions in the particular region, interdependencies within regions, and the role of public policies in economic growth. Usually offered every term. *Prerequisite:* ECON-100 and ECON-200.

ECON-480 Senior Research Seminar (3) Research methods, the writing of economics, presentation of research. Close consultation between the faculty member and students on the choice of research project and how best to conduct the research. Usually offered every fall. *Prerequisite:* ECON-300 or ECON-400; ECON-301 or ECON-401; and ECON-322.

ECON-490 Independent Study Project in Economics (1-6) *Prerequisite:* permission of instructor, and faculty advisor or undergraduate program director.

ECON-491 Internship (1-6) *Prerequisite:* permission of instructor, and faculty advisor or undergraduate program director.

ECON-492 Internship in Teaching Economics (3) Upper-level economics majors work as teaching assistants for faculty teaching large sections of introductory economics courses and participate in a regular seminar on the teaching of economics. Responsibilities include directing review sessions, holding office hours, reviewing homework assignments, and leading break-out sessions. Usually offered every term. *Prerequisite:* permission of instructor, and faculty advisor or undergraduate program director.

Graduate and Advanced Undergraduate Courses

ECON-505 Introduction to Mathematical Economics (3) Review of logarithms and differential calculus. Introduction to matrix algebra with emphasis on economic applications. Comparative static analysis of linear models. Introduction to multivariate differential calculus with applications to optimization in consumer and producer theory. Comparative static analysis of nonlinear models. Introduction to difference equations and analysis of dynamic models. Usually offered every term. *Prerequisite:* MATH-221.

ECON-541 Public Economics (3) Rationale for the existence of the public sector. Theory of public goods and taxation. Usually offered alternate springs (odd years). *Prerequisite:* ECON-600 or ECON-803, and ECON-601 or ECON-802.

ECON-546 Industrial Economics (3) The structure of industrial markets and the behavior of business firms. Theoretical and empirical appraisal of welfare implications of alternative market structures and business behavior, both in the United States and abroad. Impacts of international influences on behavior of domestic firms. Usually offered alternate springs (even years). *Prerequisite:* ECON-400 or ECON-600 or ECON-803.

ECON-547 Economics of Antitrust and Regulation (3) Economic analysis of government policies affecting business behavior, with focus on the U.S. economy. In addition to antitrust (or competition) policy and traditional public utility regulation, price and entry regulation in transportation and service sectors, and social (health, safety, and environmental) regulations are also evaluated. Usually offered every summer. *Prerequisite:* ECON-300 or ECON-400 or ECON-346; or ECON-600 or ECON-803.

ECON-551 Comparative Economic Systems (3) A theoretical and historical evaluation of key political and economic institutions of several advanced capitalist countries and their impact on economic and social outcomes. Students develop an understanding of differences in institutions including property rights, labor organization, corporate governance, and social welfare policy, and use publicly available data to evaluate outcomes. Usually offered alternate falls (odd years). *Prerequisite:* ECON-300 or ECON-400 or ECON-600 or ECON-803; and ECON-301 or ECON-401 or ECON-601 or ECON-802; or ECON-603.

ECON-552 Economics of Transition (3) Examines theoretical and policy issues related to the transition from central planning to democratic, market-based economic systems in countries of the former Soviet Union and Central and Eastern Europe. Emphasis on developing students' own empirical research on a topic related to the course. Usually offered alternate springs (even years). *Prerequisite:* ECON-300 or ECON-400 or ECON-600 or ECON-803; and ECON-301 or ECON-401 or ECON-601 or ECON-802; or ECON-603.

ECON-579 Environmental Economics (3) An analysis of the relationship between economic activity and the natural environment. The course focuses on using economic theory to address environmental policy issues. Policy measures for regulating pollution and managing common property resources are explored, including emission taxes, tradable pollution permits, and property rights solutions. Applications to global environmental issues such as climate change and local environmental problems are emphasized. Students gain an understanding of the meaning of efficiency and sustainability and the types of policies required to achieve them. Usually offered every fall. *Prerequisite:* ECON-603 or ECON-600 or ECON-803.

ECON-590 Independent Reading Course in Economics (1-6)
Prerequisite: permission of instructor, and faculty advisor or program director.

Graduate Courses

ECON-600 Microeconomics (3) Theory of resource allocation and price system; theory of demand, production, and distribution; and market structure and performance. Usually offered every term. *Prerequisite:* ECON-505.

ECON 601 Macroeconomics (3) Theories of income determination, inflation, and unemployment, business cycles, and long-run growth. Analysis of monetary and fiscal policies with extensions to open economies. Also includes debt dynamics and financial crises. Usually offered every term. *Prerequisite:* ECON-505.

ECON-603 Introduction to Economic Theory (3) An introduction to the major analytical tools of micro and macro economics, including models of employment, inflation, economic growth and development, international trade, the derivation of supply and demand, the operation of firms under perfect and imperfect competition, and the role of government in society. No credit toward degrees in the Department of Economics. Usually offered every term. *Prerequisite:* an introductory course in economics.

ECON-618 Economic History of Europe and the World (3) Origins and development of capitalism in western Europe and selected other global regions. Theories of long-run growth, technological change, and institutional development are applied in a historical context. Course emphasizes research methods in economic history. Usually offered alternate springs (odd years). *Prerequisite:* ECON-600 or ECON-803, and ECON-601 or ECON-802.

ECON-619 United States Economic History (3) The pace and structure of economic growth, the institutional transformations involved in economic development, and the social and economic consequences of economic change in the United States since colonial times. Focus is on a variety of causal models and methods for explaining economic and institutional change. Usually offered alternate springs (even years). *Prerequisite:* ECON-600 or ECON-803, and ECON-601 or ECON-802.

ECON-620 Economic Thought (3) Major figures in the history of economic thought, their social and economic thought and tools of analysis they created. Usually offered every fall. *Prerequisite:* ECON-600 and ECON-601.

ECON-623 Applied Econometrics I (3) A review of probability, descriptive statistical inference, and hypothesis testing; basic bivariate and multivariate OLS models; non-linear regressions and interactions effects; heteroskedasticity; and autocorrelation. Includes an introduction to statistical software. Usually offered every term. *Prerequisite:* STAT-202.

ECON-624 Applied Econometrics II (3) More advanced topics of econometrics, including time-series techniques; limited dependent variable models; simultaneous equations; instrumental variables; and panel data methods. Usually offered every term. *Prerequisite:* ECON-623.

ECON-630 Monetary Economics (3) Overview of major theories relating money supply and interest rates to inflation and growth in the short- and long-runs. Review of contemporary research on central banks and alternative methods of making monetary policy in advanced industrial, emerging market, and developing economies. Practice with basic econometric methods used in monetary-policy analysis. Usually offered every fall. *Prerequisite:* ECON-601 or ECON-802, and ECON-505 or ECON-805.

ECON-633 Financial Economics (3) Institutional and theoretical aspects of creating, holding, and exchanging financial assets—money, credit instruments, and equities. The liabilities created by financial intermediaries and the role of government in financial markets. Usually offered every spring. *Prerequisite:* ECON-600 or ECON-803, and ECON-505 or ECON-805.

ECON-634 Development Finance and Banking (3) Alternative approaches to understanding the role of finance and banking in economic development and analysis of the interaction between international and domestic capital markets, as well as between the formal banking sector and the informal financial sector of developing economies. The role of development banks, multilateral institutions, and governments in financial market operations. Examines the effect of financial policy reforms and regulations on the performance of financial markets. Usually offered every spring. *Prerequisite:* ECON-600 or ECON-803, and ECON-601 or ECON-802.

ECON-639 Policy Issues in Financial Economics (3) Applications of the tools of finance to examining financial crises, financial regulations involving banks and other institutions, and policies such as housing finance, government loan guarantees, pensions, and consumer finance. Students make oral presentations and hear guest lectures by policymakers dealing with financial economic issues. Usually offered every spring. *Prerequisite:* ECON-600 and ECON-633.

ECON-658 Economics of the World Regions (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics course examines economic trends and economic policies in regions such as Africa, East Asia, or the Middle East. Focuses on distinctive economic institutions in the particular region, on the interdependencies within regions, and on the role of public policies in economic growth. Usually offered every term. *Prerequisite:* ECON-600 or ECON-803, and ECON-601 or ECON-802; or ECON-603.

ECON-661 Survey of Economic Development (3) Selected topics in the field of development economics at both the micro and macro levels with an emphasis on policy issues and data analysis. Topics may include poverty, inequality, gender, growth, trade, finance, employment, debt, exchange rates, and macro policies in developing countries. Intended for master's students from other teaching units; no credit toward PhD in economics. Usually offered every term. *Prerequisite:* ECON-603, or ECON-600 and ECON-601.

ECON-662 Development Microeconomics (3) Examines the meaning and measures of economic development. Explores theoretical and empirical work of development issues at micro and meso levels. These include poverty traps, coordination failures, credit and labor market imperfections, microcredit and cooperatives, health, human capital accumulation, gender, population, property rights, and transaction costs, and the economics of the household. Usually offered every fall. *Prerequisite:* ECON-600 or ECON-803.

ECON-663 Development Macroeconomics (3) Analysis of the macroeconomics of developing countries, including discussion of growth models, open-economy macroeconomics, exchange rates, monetary policy, fiscal policy, international trade, and related topics. The objective is to understand the rationale for and the effectiveness of different macroeconomic policies in a developing country setting. Usually offered every spring. *Prerequisite:* ECON-601 or ECON-802.

ECON-665 Project Evaluation in Developing Countries (3) Primarily for graduate students interested in working with international development organizations, this course is an overview of quantitative approaches used to evaluate planned, on-going, or completed projects and programs in developing countries. Usually offered every spring. *Prerequisite:* ECON-623.

ECON-670 Survey of International Economics (3) International trade theory and policy analysis; welfare effects of trade policies; international monetary economics including balance of payments and exchange rates; open economy macroeconomics. Intended for master's students from other teaching units; no credit toward PhD in economics. Usually offered every term. *Prerequisite:* ECON-603, or ECON-600 and ECON-601.

ECON-671 International Economics: Trade (3) Classical, neo-classical, and contemporary theories of the pattern of trade and the gains from trade. Analysis of the welfare and redistributive effects of trade policies. Modern theories of trade with increasing returns and imperfect competition. Usually offered alternate falls (odd years). *Prerequisite:* ECON-600 or ECON-803, and ECON-505 or ECON-805.

ECON-672 International Economics: Finance (3) International monetary economics and open-economy macroeconomics. Balance-of-payments adjustment, exchange rate determination, capital mobility, and the international monetary system. Usually offered alternate springs (even years). *Prerequisite:* ECON-505 or ECON-805, and ECON-601 or ECON-802. *Note:* ECON-623 or ECON-823 is strongly recommended.

ECON-673 Labor Economics (3) Fundamentals of labor economics. Includes derivation of labor supply and demand, and theories of wage determination, among other topics. Usually offered alternate falls (odd years). *Prerequisite:* ECON-600 or ECON-803, and ECON-601 or ECON-802.

ECON-674 Gender Perspectives on Economic Analysis: Microeconomics (3) This course explores the gender dimensions of economic life drawn from a rich body of studies and research on gender-aware analyses in microeconomics, labor, poverty, and social policy. Using analytical models, empirical studies, case histories and ethnographic research, it examines varied theories of the household and household bargaining; reproductive economy, care work and unpaid work; labor markets; assets and income distribution; gender, inequality, and poverty; and related social policy issues. Usually offered alternate falls (even years). *Prerequisite:* ECON-600 or ECON-803, and ECON-601 or ECON-802; or ECON-603.

ECON-675 Gender Perspectives on Economic Analysis: Macroeconomics (3) This course explores the gender dimensions of economic life drawn from a rich body of studies and research on gender-aware analyses in macroeconomics, public finance, and international trade and finance. Using analytical models, empirical studies, case histories and ethnographic research, it examines feminist theories of economic growth, gender-aware macroeconomic models, gender and recession/crisis; gender analysis of fiscal policy and the practice of gender budgets; gender, trade, and investment; gender and credit markets; and gender-aware macroeconomic, trade, and investment policies. Usually offered alternate springs (odd years). *Prerequisite:* ECON-600 or ECON-803, and ECON-601 or ECON-802; or ECON-603.

ECON-676 Labor Economics II (3) Advanced topics in labor economics, with emphasis on empirical methods for doctoral dissertation research. Usually offered alternate springs (even years). *Prerequisite:* ECON-673.

ECON-680 Economics MA Capstone Seminar (3) Research methods, the writing of economics, and the presentation of research. Includes close consultation between the faculty member and student on the choice of research project and how best to conduct the research. May be taken A-F only. *Prerequisite:* ECON-600, ECON-601, and ECON-624.

ECON-690 Independent Study Project in Economics (1-6) *Prerequisite:* permission of instructor, and faculty advisor or program director.

ECON-691 Internship (3) *Prerequisite:* permission of instructor, and faculty advisor or program director.

ECON-797 Master's Thesis Research (1-6) May be taken SP/UP only.

ECON-802 Macroeconomic Analysis I (3) Develops basic intertemporal frameworks for analyzing economic growth, consumption, saving, and investment. Introduction to models used to examine major policy issues in public finance, monetary policy, financial markets, and open-economy macro. Usually offered every spring. *Prerequisite:* ECON-805 and admission to PhD program.

ECON-803 Microeconomic Analysis I (3) Theories of demand, market structure and performance, production and distribution, cost and supply. Introduction to general equilibrium analysis. Usually offered every fall. *Prerequisite:* admission to PhD program.

ECON-805 Mathematical Economic Analysis (3) Mathematical analysis of economic theory and problems. Constrained maxima and minima, linear and nonlinear programming, elementary differential and difference equations, and economic applications. Usually offered every fall. *Prerequisite:* admission to PhD program.

ECON-810 Micro Political Economy (3) A survey of recent, alternative theoretical work in microeconomics, with emphasis on institutionalist, behavioral, and evolutionary political economy approaches. Relevant empirical work is reviewed to support the theory. Usually offered every fall. *Prerequisite:* ECON-803 and admission to PhD program.

ECON-811 Macro Political Economy (3) Alternative theories of long-run economic growth, income distribution, and technological change. Short-run macroeconomic models in the post-Keynesian tradition are developed and compared with "new consensus" models. Topics vary by year, but generally include mark-up pricing and income shares, conflicting claims inflation, the unemployment-inflation relationship, saving and investment behavior, debt dynamics, and open economy extensions. Usually offered every fall. *Prerequisite:* ECON-802 and admission to PhD program.

ECON-812 Macroeconomic Analysis II (3) An advanced treatment of topics in contemporary macroeconomic theory and policy research, including monetary policy, public finance, open-economy macro, and alternative approaches to macro models. Usually offered every spring. *Prerequisite:* ECON-802 and admission to PhD program.

ECON-813 Microeconomic Analysis II (3) An advanced treatment of topics in contemporary microeconomic theory, including general equilibrium, risk and uncertainty, game theory, and behavioral economics. Usually offered every spring. *Prerequisite:* ECON-803 and ECON-805 and admission to PhD program.

ECON-823 Econometric Methods (3) Mathematical statistics and probability theory. Foundations of estimation and inference (including hypothesis testing). Basics of asymptotic theory. Multivariate regression models: ordinary least squares and generalized least squares (including serial correlation, heteroskedasticity, multicollinearity, and stochastic regressors). Basic maximum likelihood. Practice with statistical and econometric software. Usually offered every spring. *Prerequisite:* admission to PhD program.

ECON-824 Advanced Econometric Methods (3) Extension of econometric theory (least squares and maximum likelihood). Main topics include generalized least squares, nonlinear models, sets of equations (including simultaneous equations), instrumental variables, discrete choice, and censored models. Practice with data and working on an empirical research paper is part of the class. Usually offered every fall. *Prerequisite:* ECON-823 and admission to PhD program.

ECON-874 Seminar in Political Economy and Economic Thought (3) Advanced topics in political economy and economic thought, with an emphasis on current theoretical, empirical, and methodological debates in the research literature and on preparing graduate students to write dissertations in these areas. *Prerequisite:* ECON-620, and ECON-810 or ECON-811, and admission to PhD program.

ECON-878 Seminar in Economic History (3) Topics and research methods in economic history; countries, regions, issues, or epochs covered vary. *Prerequisite:* ECON-618 or ECON-619, and admission to PhD program.

ECON-882 Seminar in Empirical Macroeconomics (3) Survey of the theory and application of time-series methods in econometrics. Special attention to recent developments in time-series analysis and some areas of ongoing research. Aims to provide students with techniques for estimation and assessment of the quality of macroeconomic models with time-series data. Usually offered alternate springs (even years). *Prerequisite:* ECON-824 and admission to PhD program.

ECON-883 Seminar in Empirical Microeconomics (3) Advanced micro-econometrics with emphasis on the interconnection between econometrics and microeconomic theory; empirical implications; and new econometric methods. Topics include applied games, labor economics, wage equations, demand and/or supply estimation, expenditure and cost equations, survey analysis (such as qualitative choice type analysis), semi parametric models, quantile regression, discontinuity, and inequality measures. Usually offered alternate springs (odd years). *Prerequisite:* ECON-824 and admission to PhD program.

ECON-884 Seminar in International Trade and Finance (3) Selected advanced topics in international trade, trade policy, international finance, and open economy macroeconomics. Seminar focuses on empirical research methods. Research paper required. Offered irregularly. *Prerequisite:* ECON-671, ECON-672, and ECON-823, and admission to PhD program.

ECON-888 Seminar in Economic Development (3) Advanced topics in aspects of economic development, with emphasis on empirical research methods. Research paper required. *Prerequisite:* ECON-662 or ECON-663, and admission to PhD program.

ECON-897 Doctoral Dissertation Seminar (1-12) May be taken pass/fail only. *Prerequisite:* admission to PhD program.

ECON-898 Doctoral Continuing Enrollment (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

ECON-899 Doctoral Dissertation (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

Education

Undergraduate Courses

EDU-205 Schools and Society FA4 (3) A multidimensional view of schools, teachers, and students. This social and intellectual foundation course serves as a basis for studying contemporary education and the issues of racism, sexism, finance, governance, innovations, and the social context of American education. The course includes lectures, discussion groups, cooperative learning, Internet activities, and independent projects. Usually offered every term.

EDU-212 Introduction to Sign Language (3) An introduction to American Sign Language (ASL) with a particular focus on deaf culture, history, folklore, anthropology, and sociology. Usually offered every fall.

EDU-240 Analysis of Experiential Learning (3) A review of contemporary theories and research in adult development and learning that provides students with the context to identify, analyze, and synthesize prior experiential learning. Final product is a portfolio that documents such learning. Usually offered every term. May be taken pass/fail only. *Prerequisite:* enrollment limited to students in the AEL program.

EDU-250 Mathematics for Elementary School Teachers (3) With EDU-251, a two-semester sequence for prospective elementary teachers. Extends the foundational ideas of mathematics and conceptual understanding of topics typically taught in elementary school classrooms, including numbers and numeration, fractions, decimals, ratio, proportion, and percents. Usually offered every fall. *Prerequisite:* completion of University Mathematics Requirement and EDU-420.

EDU-251 Mathematics for Elementary School Teachers II (3) With EDU-250, a two-semester sequence for prospective elementary teachers. Extends the foundational ideas of mathematics and conceptual understanding of topics typically taught in elementary school classrooms, including numbers and numeration, fractions, decimals, ratio, proportion, percents and integers. Usually offered every spring. *Prerequisite:* EDU-250.

EDU-280 Social Justice and Urban Education (3) This course provides an analysis of the nature and impact of race and class on social justice issues in urban education. Emphasis is placed on how urban schools have served as vehicles of oppression and opportunity for social groups in our society. Students also consider the political ideologies, theories, classroom properties and structures within these spaces. The class uses a critical pedagogy framework to analytically interrogate the relationship between education and social justice and to critically unpack the theories and practices within urban education.

EDU-285 Education for International Development FA3 (3) The conserving role of education as a socializing agent and the liberating role of education as an engine of change. Special attention is given to the multiple roles of education in social, economic, political, and human development in the developing world. Usually offered every term.

EDU-319 Children's Literature: Multicultural and International Approaches (3) Exploration and critical analysis of multicultural and international children's literature from preschool to adolescence. Includes how contemporary issues are reflected in different genres, as well as marginalization, gender equity, social inequity, racism, and censorship. Usually offered every spring.

EDU-321 Field Experience: Observation and Analysis (1) Observation and analysis of diverse school settings, examining philosophies, curriculum, and teacher and administrator roles, using informal and formal means of data collection with particular emphasis on classroom interactions. Usually offered every term.

EDU-330 Instructional Strategies and Teaching Methods (3) An introduction to effective teaching strategies for prospective elementary teachers. Focus is on planning, implementing, and assessing teaching and learning. Issues of beliefs, practice, and reflection are emphasized. Students demonstrate teaching skills in clinical settings. Usually offered every fall. *Prerequisite:* EDU-205, EDU-321, and EDU-420.

EDU-371 Foundations of Reading Instruction (3) This course explores the fundamentals of literacy instruction. Attention is given to research that informs reading instruction, looking specifically at models and theories of reading over time. Special attention is given to constructing ways of supporting learners from diverse backgrounds, experiences, and abilities. Usually offered every spring. *Prerequisite:* EDU-205, EDU-321, and EDU-420.

EDU-390 Independent Reading Course in Education (1-6) *Prerequisite:* permission of instructor and SETH dean.

EDU-419 Children's Literature: A Critical Literacy Perspective (3) Critical exploration of picture books and adolescent literature with a focus on using children's literature to explore issues of social justice and equity. Meets with EDU-619. Usually offered every term.

EDU-420 Psychology of Education (3) Surveys the research literature on learning theories and human development with an emphasis on the role of educators. Includes focus on issues and theories related to multicultural education, special education, evaluation, memory and cognition, and instructional design. Usually offered every term.

EDU-462 Classroom Management (3) Study of the instructional and behavioral components of classroom management. Students gain skills in assessing behavior problems, planning interventions, implementing various strategies, and evaluating the effectiveness of interventions. Special attention is given to diverse populations of students, including exceptional needs, different cultural backgrounds, English as a second language, and low socioeconomic status. Usually offered every fall.

EDU-490 Independent Study Project in Education (1-6) *Prerequisite:* permission of instructor and SETH dean.

EDU-491 Internship in Education (1-6) Students participate in the professional activities of selected educational organizations or agencies in the Washington, D.C. area. Students gain experience in nonteaching occupations that are integrally related to education and gain skills in educational research or program development and dissemination. *Prerequisite:* permission of director of internship program and SETH dean.

EDU-492 Service Learning in Teacher Education (1) May be repeated for credit. Students participate in school and community organizations and agencies. Exploration of the principles of service learning and application of classroom theory in the community. Special attention is paid to providing equitable learning environments. Students must complete a minimum of 40 hours in the community placement and attend three on-campus seminars. Usually offered every term. May be taken pass/fail only.

EDU-499 Student Teaching Seminar in Professional Practice (12) (fall 2013: Student Teaching) Enrollment in this seminar is required in the semester students are completing their student teaching requirement. The class meets weekly for students to discuss their teaching experiences and to assist them in developing ideas and strategies to improve their classroom effectiveness. Preparation of a reflective case study and completion of a professional portfolio and an on-line journal are required. Usually offered every term. May be taken A-F only. *Prerequisite:* successful completion of relevant methods courses and practicum, satisfactory academic and professional performance as defined by the Teacher Education Committee and permission of the director of teacher education.

Graduate and Advanced Undergraduate Courses

EDU-502 Methods of Managing Students with Behavior Disorders (3) Psycho-educational methods of understanding and managing inappropriate classroom behavior. Techniques such as groups, problem solving, role playing, and videotape analysis of behavior. Usually offered every fall and summer.

EDU-519 The Uses of Technology in Education (3) An introduction to computer literacy focusing on the effective use of technology in teaching and educational management. The course emphasizes criteria for evaluating software; using technology for effective teaching; and applying technology to strengthen management systems. Also provides students hands-on experience with a broad range of software and practical experience in applying technology to teaching and management. Usually offered every fall.

EDU-520 Reading, Writing, and Literature across the Curriculum (3) The focus of this course is on exploring and analyzing theories, models, and strategies for teaching reading, writing, and literature across the curriculum and how to integrate these in the content areas. Also addresses ways of supporting diverse learners throughout the course. Usually offered every spring.

EDU-521 Foundations of Education (3) Exploration of philosophical, sociological, and political foundations of American education and inquiry into the role schools play in cultural production, maintenance, and transformation and what this means for diverse learners of all ages. Includes an examination of law and policies that affect children and families. Usually offered every term.

EDU-522 Principles of Effective Methods and Instruction (3) An in-depth examination of the methods and competencies necessary for teaching, including instructional planning, writing objectives, lesson presentation, questioning, and feedback, interpersonal communication, instructional approaches, and assessment. The course explores the teacher's role as skilled practitioner and critical decision maker. Usually offered every fall.

EDU-525 Principles of Educational Assessment and Evaluation (3) This course provides an overview of assessment measures and processes used in educational settings, including test construction and criterion-referenced measurement for instruction; and issues such as authentic assessments and portfolios, ethical concerns, and the uses of tests for educational research. Usually offered every spring.

EDU-540 Methods, Materials, and Management in Secondary Education I (3) This course is the first in a two-part sequence designed to develop knowledge and understanding of effective instruction and classroom management in secondary education. The course addresses the methods, materials, and management of secondary school subjects. Includes laboratory experiences in the university classroom and area secondary schools as well as seminars, and analysis of practical experience with respect to current literature. *Prerequisite:* admission to the Teacher Education program and permission of SETH advisor.

EDU-541 Foundations of Special Education for Exceptional Children (3) This survey course examines students with diverse learning needs and effective programs designed to provide equitable education for all students. Exceptionalities of students with regard to cognitive, behavioral, and psychological/social differences are the focus of study. Usually offered every term.

EDU-542 Methods, Materials, and Management in Secondary Education II (3) This course is the second in a two-part sequence designed to develop knowledge and understanding of effective instruction and classroom management in secondary education. The course focuses on the development of instructional methodologies, research skills, content area knowledge, and inquiry strategies used to understand assessment and evaluation in the classroom. Usually offered every spring. *Prerequisite:* EDU-540.

EDU-545 Overview of All Exceptionalities: The Arts in Special Education (3) This is an experiential course to expose students to a variety of exceptional conditions and to teach them about the experiences of children and adults with exceptionalities. Students learn to program for success through a panoply of art forms, by building on the abilities, strengths, and interests of students with exceptionalities, systematically programming academic material into arts activities, and teaching socialization and life skills. Usually offered every fall.

EDU-552 Teaching Mathematics in Elementary Education (3) Materials and methods for teaching mathematics to all learners. Emphasis on the analysis of current research and effective mathematics instruction. Practical application in the university classroom and in area elementary schools. Students provide their own transportation. Usually offered every fall. *Prerequisite:* EDU-205, EDU-250, EDU-321, EDU-330, EDU-371, EDU-419, EDU-420, EDU-462, and EDU-541 or EDU-545, admission to the Teacher Education program and permission of SETH advisor.

EDU-553 Teaching Language Arts in Elementary Education

(3) Focuses on understanding language acquisition and literacy development. Emphasis is on current research in language arts theory and practice to support diverse learners. Practical application in local elementary schools. Students provide their own transportation. Usually offered every fall. *Prerequisite:* EDU-205, EDU-250, EDU-321, EDU-330, EDU-371, EDU-419, EDU-420, EDU-462, and EDU-541 or EDU-545, admission to the Teacher Education program and permission of SETH advisor.

EDU-554 Teaching Social Studies in Elementary Education

(3) The focus of this course is on understanding how to support all learners through the use of various strategies, methods, and models for teaching social studies. Emphasis is on the analysis of current research in effective social studies teaching and learning. Practical application in local elementary schools. Students provide their own transportation. Usually offered every fall. *Prerequisite:* EDU-205, EDU-250, EDU-321, EDU-330, EDU-371, EDU-419, EDU-420, EDU-462, and EDU-541 or EDU-545, admission to the Teacher Education program and permission of SETH advisor.

EDU-555 Teaching Reading in Elementary Education (3)

The focus of this course is on understanding how to support diverse learners through the use of various strategies, methods, and models for teaching reading. Emphasis is on exploring and analyzing current research in reading theory and practice. Field work and practice teaching in local schools. Students provide their own transportation. Usually offered every fall. *Prerequisite:* EDU-205, EDU-250, EDU-321, EDU-330, EDU-371, EDU-419, EDU-420, EDU-462, and EDU-541 or EDU-545, admission to the Teacher Education program and permission of SETH advisor.

EDU-556 Teaching Science in Elementary Education (3)

Methods and materials for teaching science to all learners. Emphasis on inquiry, discovery, safety, and legal aspects. Field trips and practical application in local elementary schools. Usually offered every fall. *Prerequisite:* EDU-205, EDU-250, EDU-321, EDU-330, EDU-371, EDU-419, EDU-420, EDU-462, and EDU-541 or EDU-545, admission to the Teacher Education program and permission of SETH advisor.

EDU-560 Advanced Technology in Education (3) Students gain hands-on experience with current and emerging applications including system server architecture, application programming, product development, and project evaluation. Emphasis on informed, data-based decision making as a guide to identification, purchase, and assessment of expert services and equipment, and development of skills to enact and administer specific solutions. Meets with EDU-760. Usually offered every spring. *Prerequisite:* EDU-519 or permission of instructor.

EDU-565 Gender and Cultural Diversity in School (3)

Combining both historical perspective and contemporary knowledge and skills, this course investigates the impact of bias in school. From the earliest colonial schools to contemporary classrooms, bias, selectivity, and access have been pervasive educational barriers. The course discusses both past issues and current challenges, bridging disparate groups and interests, and searching for commonalities and differences among racial, gender, class, ability, and ethnic concerns. Students undertake a social science investigation to add to the understanding of educational equity. Usually offered every fall.

EDU-590 Independent Reading Course in Education (1-6)

Prerequisite: permission of instructor and department chair.

EDU-598 Comparative and International Education (3)

Introduction to the historical context and underlying theories of comparative and international education. An investigation and comparison of education systems and educative processes across societies and regions. Emphasis is placed on how educational policy, practice, capacity, governance, and institution building are shaped by the contexts in which they are embedded. Includes globalization, access, equity, equality opportunity, and capacity building. Special emphasis is placed on education in low-income countries. Current issues in the field are also examined. Usually offered every fall.

Graduate Courses**EDU-601 Teaching Reading in the Elementary School (3)**

This course focuses on understanding language acquisition, literacy development, and classroom teaching through the lens of cultural and linguistic diversity. Includes class discussion of strategies for teaching reading with practical application in local elementary schools. Usually offered every spring.

EDU-602 Teaching Language Arts in the Elementary School

(3) This course focuses on understanding and applying recent theories and practices in language arts teaching and learning. Emphasis is on developing strategies that support diverse learners. Includes practical application in local elementary schools. Usually offered every fall.

EDU-603 Teaching Mathematics in the Elementary School (3)

Materials and methods for teaching mathematics to all learners. Emphasis is on analysis of current research and effective mathematics instruction. Includes hands-on interactive math activities and practical application in local elementary schools. Usually offered every spring.

EDU-604 Teaching Science in the Elementary School (3)

Strategies, materials, methods, and classroom management for teaching science in elementary schools. Examines pedagogy and best practices for effective science education for diverse learners. Includes practical application in local elementary schools. Usually offered every spring.

EDU-605 Methods of Psychoeducational Assessment for Learning Disabilities and Emotional Disturbance (3)

Develops the special educator's knowledge of critical issues and concepts in the use of standardized tests in psychoeducational assessment, theoretical and operational definitions of cognitive abilities and "intelligence" familiarity with a variety of achievement tests, and introductory practice in test administration and interpretation. Usually offered every fall. *Prerequisite:* EDU-645.

EDU-606 Theories and Methods in Diagnostic and Prescriptive Mathematics (3)

Materials and methods for teaching mathematics to students with learning disabilities. Analysis of current reform models in curriculum, assessment, and instruction, including techniques of error analysis and flexible interviewing. Required tutorial experience. Usually offered every spring.

EDU-607 Research Seminar in Special Education (3) A case study approach using interdisciplinary research with focus on a specific child with learning disabilities. Includes interviews with professionals working with the child, review of confidential files, and research from contemporary journals on remediation suggestions summarized in a comprehensive report. Usually offered every spring. *Prerequisite:* permission of instructor.

EDU-608 Teaching Social Studies in the Elementary School (3) Focuses on understanding how to support all learners through the use of various strategies, methods, and modes for effective social studies teaching. Emphasis on the analysis of current research in effective social studies teaching and learning. Includes practical application in local elementary schools. Usually offered every fall.

EDU-609 Effective Teaching for Diverse Students (3) Through action research, students explore ways of organizing and managing classrooms to support diverse learners. Students engage in curriculum design and implementation across the curriculum, including instructional planning and using portfolios. The role that families, the community, and other professionals can play in assessment and curriculum planning are explored. Usually offered every spring.

EDU-610 Overview of Qualitative and Quantitative Research Strategies (3) Students are introduced to concepts and principles of social science research design. Observation, interview and survey design, literature reviews, development of problem statements and research questions, surveys of quantitative and qualitative data analyses, and formative and summative evaluation techniques are emphasized. Students demonstrate their competencies by engaging in a small-scale research study. Usually offered every fall.

EDU-611 Formative Ideas of Contemporary Education (3) Analysis of turning-point social and educational thought and research instrumental in shaping modern educational institutions, their cultures, policies, and practices. Social ideas and educational research and philosophy are linked to institutional values, policy and practice, and to contemporary educational issues such as equity, multiculturalism, and global education. Usually offered every spring.

EDU-612 Equity and Educational Opportunity in International Perspective (3) An inquiry into the meaning of educational equity, emphasizing equality of conditions and of outcomes and implications for education in different nations. Research perspectives on the relationships between social inequalities and educational opportunity relative to socioeconomic status, gender, and ethnicity, and the functions of schools as agents of cultural transmission. Usually offered every spring.

EDU-613 Cultural Factors in Higher Education (3) Study of college students and their culture. Emphasis on assessment and evaluation of phenomena in the collegiate setting to gain insight into cultural dynamics that influence student development. Usually offered every spring.

EDU-614 International Education Exchange: Policies and Practices (3) An examination of cultural and educational exchanges between the United States and other nations. Emphasis on history and changing nature of exchange, role of public diplomacy in exchange, study abroad, and the internationalization of higher education both in the U.S. and abroad. Usually offered every spring.

EDU-615 Education and Social Change (3) This course assesses the broad social functions of education and the ways in which education advances social change as a transmitter of culture, agent for socialization and opportunity, and catalyst for individual and societal well being. Although the course emphasizes education and social changes in the United States, numerous comparisons are made to other societies and cultures. Usually offered every fall.

EDU-618 Human Growth and Development across the Life Span (3) Exploration of human development and relations across the life span, with an emphasis on health and care for children with diverse linguistic, cultural, and physical needs. Includes inquiry into social and cultural learning processes from birth through age eight. Usually offered every spring.

EDU-619 Children's Literature: A Critical Literacy Perspective (3) Critical exploration of picture books and adolescent literature with a focus on using children's literature to explore issues of social justice and equity. Meets with EDU-419. Usually offered every term.

EDU-620 Theories of Educational Psychology and Human Development (3) Surveys research literature in learning and human development with an emphasis on the role of educators as decision makers and change agents who are knowledgeable about diversity and multiculturalism. Emphasizes the role today's educators play on advancing knowledge about instructional technology, human relations, time management, principles of growth and development, and the processes of memory and cognition. Usually offered every term.

EDU-621 Topics in Social Science Research (1) Topics vary by section, may be repeated for credit with different topic. An introduction to and basic skill acquisition in techniques used by social science researchers and practitioners, including undertaking ethnographic research, action research, strategies for field research, functioning as a change agent, etc. Usually offered every term. *Prerequisite:* EDU-610 or permission of instructor.

EDU-622 Language and Literacy Learning (3) In this course students explore the assumptions that underlie literary and literacy learning. Students examine how we make sense of the world through language, views of learning, the nature of knowledge, and views of literacy. Usually offered alternate springs.

EDU-623 Topics in Literacy Education (3) Topics vary by section, may be repeated for credit with different topic. Provides students with opportunities to study timely topics and issues in literacy education. Usually offered alternate springs.

EDU-624 Language, Schooling, and Nation-Building (3) This course surveys comparative and international research on the links between language policies, language-in-education planning, and nation-building. It considers how minority or marginalized languages as well as language traditions assigned lesser prestige by national language policies influence school performance and affect classroom practices. It also examines themes of social cohesion and identity in multilingual societies. While emphasis is given to the study of low-income, or post-colonial, nations, the course also examines high-income, immigrant-receiving nations.

EDU-625 Advocacy and Leadership in Early Childhood Education (3) The development of collaborative and mentorship skills to work effectively with families, communities, professionals in the field, and other adults in connection with early childhood education and schooling. Usually offered every fall.

EDU-627 Literacy Education Skills Institutes (1) Topics vary by section, may be repeated for credit with different topic. Usually offered every term.

EDU-628 Topics in Early Childhood Education (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics provide students the opportunity to study timely issues in early childhood education. Usually offered every spring.

EDU-629 National Board for Professional Teaching Standards Preparation (1-3) Topics vary by section, may be repeated for credit with different topic. Provides guidance for teacher candidates as they complete personal assessments of their current practices and successfully completing a National Board for Professional Teaching Standards (NBPTS) portfolio. Usually offered every term.

EDU-631 Fundamentals of Management in Educational Organizations (3) Overview of the general characteristics of organizations and organizational change, and the roles and tasks of managers, with emphasis on the distinctive nature of educational organizations. Analysis of the organizational issues faced in providing quality education, and the managerial and leadership skills necessary to operate effectively in educational organizations. Usually offered every fall.

EDU-632 Case Studies in Educational Management (3) May be repeated once for credit; case studies must be different. A case-study approach to examining administrative, managerial, and leadership issues in educational institutions. The course focuses on developing problem solving skills through the analysis of specific incidents, programs, and practices. *Prerequisite:* EDU-631.

EDU-633 Financing Educational Systems (3) Principles and practices of financing public education programs at federal, state, and local levels. Taxes, bonds, budgets, purchasing systems, accounting systems, and other aspects of school business administration are covered. Usually offered every spring.

EDU-634 Education and Public Policy (3) Examines the major public policy issues in American education: equity, excellence and efficiency. Emphasizes theories and techniques of policy analysis, including implementation strategies, cost/benefit analysis, and evaluation. This course considers competing definitions of and orientations toward education policy and of specific stakeholder groups and historically tracing the development, implementation, and movement of policy in formal and informal education settings. Particular attention is paid to policy implementation and appropriation. Usually offered every spring.

EDU-635 Theory and Curriculum in Early Childhood Education (3) This course focuses on theoretical models and teaching methods and strategies that deal specifically with young children and their learning in various areas of school curriculum. Usually offered every fall.

EDU-639 Effective Leadership Skills (3) A theory-based, skills-oriented workshop for administrators, dealing with concepts of administrative effectiveness, administrative style awareness, style flexibility, situational diagnosis skills, and team skills. *Prerequisite:* EDU-631.

EDU-640 Rotating Topics in Adult and Experiential Learning (3) Topics vary by section, may be repeated for credit with different topic. Focuses on the experiences and participation of adults as learners. Topics include institutional responses to the increased participation of adults; instructional strategies and curriculum development for adult learners; the efficacy and implementation of experiential learning; and the concepts and practices of adult learning theory. Usually offered every term.

EDU-642 Training Program Design (3) An introduction to the design and delivery of adult training programs, emphasizing the development of skills in a variety of training components: needs assessment, goals and objectives, training methodologies and materials, and evaluation. This course is equally appropriate for novice trainers or those with previous experience. Usually offered every fall.

EDU-644 Language Development and Remediation (3) How does one learn to use language to express thoughts and feelings? How does one teach a learning-disabled child to communicate effectively? This course discusses the developmental sequence of language learning, the nature of language disorders, diagnostic assessment of language disorders, and remedial techniques. Usually offered every spring.

EDU-645 Learning Disabilities I (3) This course examines neurological and developmental aspects of learning disabilities, and gives an overview of the field. The class examines emotional and social implications of learning disabilities, and how current brain research impacts teaching and counseling this population. Emphasis is on seeking the strengths, fostering the different intelligences, and addressing the weaknesses of children and adults with learning disabilities. *Prerequisite:* EDU-541 or EDU-545, or permission of instructor.

EDU-646 Learning Disabilities II (3) This course develops diagnostic capabilities in order to select and design materials and programs for children and youth with learning disabilities. It introduces diverse methods of teaching and studies in depth the special problems of adolescents and adults with learning disabilities. Postsecondary education, career awareness, and career development approaches and programs are represented. Counseling techniques for parents and mainstream teachers are also addressed. *Prerequisite:* EDU-645.

EDU-647 Global and Multicultural Education (3) This course deals with the role of American education in an interdependent world, examining both the multicultural character of American classrooms and the international dimensions of the American school curriculum. It explores such issues as ethnocentrism, empathy, and global awareness, including an analysis of educational materials and methods useful in treating these issues. A special emphasis is placed on developing skills for cross-cultural understanding and communication. Usually offered every spring.

EDU-648 Education and Development: Sector Analysis (3)

Examines education as a social institution that both reflects and influences social, economic, and political life in nation states and globally. Emphasizes the role of education as an engine for change in the developing world. This course analyzes and compares educational systems by examining issues of structure, governance, access, equity, international efficiency, quality, and external efficiency. Usually offered every spring.

EDU-649 Nonformal Education and Development (3) An examination of the role of nonformal education in the economic, social, and political development of developing nations. Specifically, the course deals with out-of-school programs in adult education, literacy, health, family planning, agriculture, nutrition, and community development. Case materials from several countries are used to study the issues and techniques involved in human resource development. Usually offered every fall.

EDU-650 International Perspectives on Bilingual Education Policy and Practice (3)

This course provides a survey of international bilingual educational policies and practices. It examines bilingual education policies, models, and practices associated with successful and failed attempts at developing bilingual learners. Special attention is paid to how international models of bilingual education can inform U.S. policy and practice. Usually offered every spring and summer.

EDU-651 Social Context of Bilingual Learners (3) Through this course student gain an understanding of how social factors and language policy influence the educational success of bilingual learners, along with considering the role of multilingualism and linguistic minorities in society. Students learn how schools can mitigate the impact of societal factors on the educational success of bilingual learners. Usually offered every fall.

EDU-652 Bilingual Education Capstone (3) Designed for graduate students in the bilingual education, TESOL, or ITEP programs, this capstone course centers on an educational instruction component. Students are placed in dual immersion classrooms to utilize the knowledge and skills learned from other courses in the bilingual education program. Usually offered every spring and summer.

EDU-662 Classroom Management (3) Study of the instructional and behavioral components of classroom management. Students gain skills in assessing behavior problems, planning interventions, implementing various strategies, and evaluating the effectiveness of interventions. Special attention is given to diverse populations of students, including exceptional needs, different cultural backgrounds, English as a second language, and low socioeconomic status. Usually offered every fall and summer.

EDU-666 Legal Issues in Education (3) For advanced graduate students. Study of student-institution relationship, institutional judicial systems, student rights, records, and due process issues. Usually offered in alternate years.

EDU-671 Foundations of Reading: Diagnosis and Remediation (3)

Broad considerations underlying the teaching of reading with emphasis on reading disability and problems of the disabled reader. Usually offered every fall and summer.

EDU-672 Reading Comprehension (3) This course builds an understanding of the cognitive processes that underlie reading comprehension. Students explore, examine, and evaluate strategies for comprehension instruction through researching qualitative studies in journals and textbooks for both narrative and expository text. In addition, students collaborate to determine strategies most beneficial to students across the grade levels. Emphasis is placed on current evidence-based practices. Usually offered every spring.

EDU-683 Curriculum Design for the Classroom (3)

An exploration and analysis of the foundation of design and development of curriculum from pre-K through 16. Students study the impact of policy on curriculum and analyze various components of design and delivery in the classroom.

EDU-685 Proseminar in International Education (3)

Students draw on, consolidate, and extend their knowledge, research and analytical skills in the development of a capstone project of choice. The course provides group planning and support and guided individualized study. Students must be in their final year of the International Training and Education program (ITEP), and have clarified preliminary ideas with an ITEP advisor prior to enrolling. Usually offered every term. May be taken pass/fail only.

EDU-687 Analysis of Learning and Learners (3)

This course examines the impact of direct individual and group support, instructional coaching, mentoring, critical thinking, and specialized instructional intervention on the learning process. The course provides teachers, instructional designers, curriculum specialists, administrators, and policy planners with theoretical and practical guidance and support to improve classroom teaching and learning. Current practices of teacher effectiveness are examined in the context of national standards for educational progress. Emphasis is placed on the role of critical thinking and action research, ongoing professional development for educators, and the application of research based on approaches to curriculum development and classroom instruction. *Note:* must be taken as part of the last 6 credits in the program.

EDU-690 Independent Study Project in Education (1-6)

Prerequisite: permission of instructor and department chair.

EDU-693 Personnel and Program Evaluation (3)

Develops the systematic skills needed to conduct evaluations of training and development programs in various educational and organizational settings. Usually offered every spring.

EDU-695 Urban Education Experience Internship (3)

May be repeated for credit. Using an applied social justice framework, students participating in internships in cooperating school systems, colleges, and universities, and other educational agencies and organizations examine how broad social and political contexts impact urban teachers, students, families, and communities in various settings and seek strategies for community engagement and transformation. Usually offered every term.

EDU-699 Student Teaching Seminar in Professional Practice (6) (fall 2013: Student Teaching) Enrollment in this seminar is required in the semester students are completing their student teaching requirement. The class meets weekly for students to discuss their teaching experiences and to assist them in developing ideas and strategies to improve their classroom effectiveness. Preparation of a reflective case study and completion of a professional portfolio and an on-line journal are required. Usually offered every term. May be taken A-F only. *Prerequisite:* successful completion of relevant methods courses and practicum, satisfactory academic and professional performance as defined by the Teacher Education Committee and permission of the director of teacher education.

EDU-713 Advanced Training Program Design (3) This course models a variety of types of training such as diversity, health/behavior change, literacy, conflict resolution, small business, and youth and/or outward bound training. It focuses on skills building and discussion of strategies for co-facilitation, difficult participants, and misinformed needs analysis. The course is structured as a 'training practicum' through which students develop and conduct training exercises that are video taped and critiqued through class discussion. *Prerequisite:* EDU-642 or permission of instructor or program director.

EDU-719 The Uses of Technology in Education (3) An introduction to computer literacy focusing on the effective use of technology in teaching and educational management. The course emphasizes criteria for evaluating software; using technology for effective teaching; and applying technology to strengthen management systems. Also provides students hands-on experience with a broad range of software and practical experience in applying technology to teaching and management. Usually offered every fall.

EDU-760 Advanced Technology in Education (3) Students gain hands-on experience with current and emerging applications including system server architecture, application programming, product development, and project evaluation. Emphasis on informed, data-based decision making as a guide to identification, purchase, and assessment of expert services and equipment, and development of skills to enact and administer specific solutions. Meets with EDU-560. Usually offered every spring. *Prerequisite:* EDU-719 or permission of instructor.

EDU-765 Seminar in Educational Leadership (3) Analysis and integration of major theoretical approaches of educational leadership. Emphasis is on current research about educational leadership and critical examination of current issues and problems facing educational leaders. Usually offered every spring.

EDU-789 Qualitative Research in Education (3) Analysis of and practice in the design and development of qualitative educational research. Emphasizes the nature and function of educational research; the epistemological, social, and value assumptions and issues in educational research; the nature and function of specific approaches to qualitative research; attributes of exemplary qualitative research in education; and ethical concerns and principles. Usually offered every summer. *Prerequisite:* EDU-610.

EDU-790 Quantitative Research in Education (3) Analysis of and practice in the design of quantitative educational research. Emphasizes the nature and function of quantitative data gathering and analysis and the statistical approaches and techniques utilized to obtain particular outcomes. Usually offered every spring. *Prerequisite:* EDU-610.

EDU-792 In-Service Training Project: Internship in Education (3-9) Internships in cooperating school systems, colleges and universities, and other agencies and organizations as an integral part of degree programs in the School of Education. May be repeated for credit. Usually offered every term.

EDU-797 Master's Thesis Research (1-6) May be taken SP/UP only.

EDU-798 Proseminar in Education (1-2) School of Education, Teaching and Health full-time faculty present their own research to graduate students to demonstrate both the variety of disciplinary and methodological approaches to educational research, and to indicate the areas of their current research. Sessions are also devoted to a review of research and statistical methodologies. Usually offered every fall. May be taken pass/fail only. *Prerequisite:* permission of dean.

EDU-799 Doctoral Dissertation Seminar (1-9) Students with approved dissertation proposals continue their research, analysis, and writing in a learning environment which provides faculty supervision and peer support. Emphases include editing, organization, and analytic and interpretive techniques to complete a dissertation. Students may enroll for up to 3 credit hours prior to the dissertation proposal. May be taken pass/fail only. *Prerequisite:* advancement to candidacy.

Environmental Studies

Undergraduate Courses

ENVS-102 Seminar in Environmental Issues (1) This seminar for beginning environmental studies majors introduces students to the domain of environmental science as a discipline. The scientific, economic, and social issues underlying major environmental problems are presented through faculty and guest speakers, readings, and discussions. Usually offered every term.

ENVS-150 Sustainable Earth FA5 (4) This course examines the issue of sustainability; what it means, how it is measured, and how it can be used to address environmental challenges. In doing so, the course builds on the most current scientific understanding of how the natural world works.

ENVS-220 Energy and Resources FA5 (3) A survey of energy sources and other resources necessary for life. This course examines environmental issues related to air, water, land, food, and global climate change, as well as issues of resource utilization and competition for resources. Emphasis is placed on understanding the physics and chemistry of these environmental interactions and how they affect our quality of life. Usually offered every term.

382 Course Descriptions

ENVS-250 Living in the Environment FA5 (3) This course focuses on the natural world and how humans interact with and affect ecosystem components. The class examines conservation and management, the causes of pollution and potential solutions, and ethical and legal issues associated with environmental issues in order to provide well-supported outlines and justifications for each of the issues covered in the class. Usually offered every term.

ENVS-300 Conservation (3) This course examines conservation issues, especially as they relate to conservation of biodiversity. The course covers early conservation writing, the development of tools that are used in conservation, and the status of biodiversity. Usually offered every fall. *Prerequisite:* ENVS-250 or BIO-210, or permission of the instructor.

ENVS-324 Environmental Health (4) This course examines physical, chemical, and biological factors in the environment that impact community health and health behaviors. The concept and method of risk assessment are discussed, as well as how health-supportive environments can be created and maintained. Related laboratory work focuses on techniques used to assess air, water, and ground quality, as well as identifying environmental contaminants. Usually offered every spring. *Prerequisite:* BIO-110.

ENVS-350 Environmental Geology (3) This course examines important environmental phenomena strongly influenced by geology, including environmental acidification, sedimentation/weathering, fossil fuels, global warming and efforts at mitigation, plate tectonics, and biogeochemical cycles. The class also explores earthquakes, volcanoes, tsunamis, and other natural hazards. A focus of the course is geology as it relates to, or is impacted by, human activities. Usually offered alternate falls.

ENVS-360 Environment and the Atmosphere (3) Description and analysis of the physical phenomena of the earth's atmosphere. Mechanics, fluid dynamics, and thermodynamics of the atmosphere, quantitative analysis of climatic fluctuations and their impact on ecological and economic systems. Climatic changes and climatic control: ozone depletion and greenhouse gases. Usually offered alternate springs. *Prerequisite:* MATH-211 or MATH-221.

ENVS-390 Independent Reading Course in Environmental Studies (1-6) *Prerequisite:* permission of instructor and department chair.

ENVS-470 Water Resources (3) A study of the availability, quality, dynamics, and cycles of water. Emphasizes the hydrologic cycle and relevant atmospheric processes, subsurface movement of water, floods and droughts, drainage basin analysis, and factors affecting water quality. Meets with ENVS-670. Usually offered every spring.

ENVS-490 Independent Study Project in Environmental Studies (1-6) *Prerequisite:* permission of instructor and department chair.

ENVS-491 Internship in Environmental Studies (1-6) *Prerequisite:* permission of instructor and department chair.

ENVS-492 Senior Capstone in Environmental Studies (3) An in-depth examination of two major sites of environmental concern and controversy from a variety of scientific and social perspectives. One site, such as the Yellowstone Ecosystem, will be of national importance; and one, such as the Anacostia River, will be of local importance. Usually offered every fall. *Prerequisite:* senior environmental studies majors.

Graduate and Advanced Undergraduate Courses

ENVS-500 Ecohydrology (3) This course examines how hydrological processes at macro and watershed scales influence aquatic ecology. It also examines the influence of velocity, volume, flow path (e.g. overland, groundwater, pipe-flow), and water chemistry on stream biology/ecology. Emphasis is on freshwater and estuarine systems. Students are introduced to quantitative modeling of hydrological processes. Usually offered alternate falls.

ENVS-505 Energy (3) General overview of sources of energy and energy utilization with a focus on the relevant physical concepts, quantification and an emphasis on sustainability. Includes the definition of work, energy, and power; an examination of thermodynamics; different forms of energy and their interconversion; fossil, nuclear and alternative energy sources; and energy efficiency and conservation. Usually offered every spring. *Prerequisite:* ENVS-580.

ENVS-510 Climatology (3) This course investigates the physical and energetic exchange mechanisms within the atmosphere through time and space. Climate is examined by reconstructing the past and modeling future trends. Emphasis is placed on large-scale climate patterns, but the processes involved in storm front development also are explored. Topics covered include atmosphere-ocean interaction, wind circulation patterns, atmospheric water vapor and temperature, hurricane and tornado development, and the climate's impact on humans and their response to it. Usually offered alternate springs. *Prerequisite:* ENVS-580, ENVS-581, STAT-514, and STAT-515.

ENVS-520 Biogeochemistry (3) Description and analysis of the physical phenomena occurring on the earth. Earth as a dynamic planet; two major energy systems: hydrologic and tectonic systems. The relationship between geological changes and human activities: human activities change geological materials and processes on the earth, and natural processes and events affect society. *Prerequisite:* ENVS-580, ENVS-581.

ENVS-572 Topics in Conservation Biology (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics on current research in conservation biology, including habitat protection, ecosystem management, and captive breeding. Usually offered alternate springs. *Prerequisite:* BIO-423 or graduate standing, or permission of instructor.

ENVS-575 Environmental Risk Assessment (3) The nature and methods of environmental risk assessment through critical analysis of case histories. The scientific concepts and analytic methods of each case study are explored through solution to sets of specific problems. Case studies include statistical modeling of environmental risk factors, the principle of uncertainty, toxicology, epidemiology, the differing routes of exposure, types of technical risks, basics of decision analysis, and effective communication of risk assessment results. Usually offered every fall. *Prerequisite:* advanced undergraduate major or graduate student in environmental studies.

ENVS-580 Environmental Science I (3) This course starts with the history and overarching concepts of environmental science, and continues with a survey of aspects including population and demographics; agriculture and toxic substances; energy sources, energy utilization, and efficiency; water resources and pollution; local and regional air pollution; and ozone depletion and global warming/climate change. Examples are chosen with a current global perspective and an eye to policy debates. Usually offered every fall.

ENVS-581 Environmental Science II (3) This course covers the geological cycling of nutrients and elements that are heavily influenced by biological function as well as geochemical processes. The global geochemical cycles of oxygen, hydrogen, sulfur, nitrogen, carbon, etc. are broken down and quantified. The course also covers the origins of the biosphere, biogeochemistry of land and water, climate change scenarios, carbon sequestration, and environmental acidification. Current research articles addressing important areas of environmental science are presented, linking the science discussed in class with environmental policy decisions and debates. Usually offered every spring. *Prerequisite:* ENVS-580.

ENVS-582 Environmental Law (3) An overview of environmental law and environmental regulation for environmental scientists and environmental policy analysts. Usually offered alternate springs. *Prerequisite:* ENVS-580 and ENVS-581 or permission of instructor.

ENVS-590 Independent Reading Course in Environmental Studies (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

ENVS-670 Water Resources (3) A study of the availability, quality, dynamics, and cycles of water. Emphasizes the hydrologic cycle and relevant atmospheric processes, subsurface movement of water, floods and droughts, drainage basin analysis, and factors affecting water quality. Meets with ENVS-470. Usually offered every spring.

ENVS-681 Environmental Practicum (1-3) Faculty directed field or laboratory-based environmental science research. Students design and implement a research-intensive project with goal of producing a manuscript for a peer-reviewed publication. Usually offered every term. *Prerequisite:* ENVS-580 and ENVS-581.

ENVS-690 Environmental Science Research (1-3) Independent research projects in environmental science. Usually offered every term.

ENVS-691 Internship in Environmental Studies (1-3) *Prerequisite:* permission of instructor and department chair.

Business: Finance

Noncredit

FIN-085 Business Education for Practicing Physicians (0) This executive development education program provides business skills and knowledge to physicians. These skills include understanding and analyzing financial statements; evaluating investment proposals; dealing with management issues including hiring and firing and collective bargaining; regulatory compliance such as Health Insurance Portability and Accountability Act (HIPAA), Medicare, and Stark Regulations; medical record issues and information technology (PMS/EMR); insurer and reimbursement practices; and working in a practice versus being an employee.

Undergraduate Courses

FIN-200 Personal Finance and Financial Institutions FA4 (3) Provides the background for making personal financial decisions within a social and institutional context and developing future financial plans. Shows how to set financial goals, devise strategies to attain them, and understand the tradeoffs inherent in the decision making process. Includes cash flow control, banking, credit, taxes, financing houses and automobiles, insurance, investments, and estate planning.

FIN-201 Real World Investing and Applied Personal Finance (3) This course presents students a professional-level investment methodology that begins with investor goals and proceeds toward the choice of individual investments. The course provides students with alternative methods for successful investing as opposed to trading and focuses on active and passive approaches. The course assists students in life-long personal investing. *Prerequisite:* FIN-200.

FIN-365 Business Finance (3) Introduction to business finance, including global aspects, overview of money, and capital markets; financial analysis and time value of money; corporate securities, stock and bond pricing; acquisition and use of funds and cost of capital; capital budgeting. Also includes an introduction to portfolio diversification and asset pricing models. *Prerequisite:* ACCT-240 with a grade of C or better, ECON-200, and STAT-202.

FIN-390 Independent Reading Course in Finance (1-3) *Prerequisite:* permission of instructor and department chair.

FIN-391 Internship in Finance (1-6) Provides students with the opportunity to blend practical business work experience with academic study. The academic workload varies depending on the internship credit to be earned. *Prerequisite:* FIN-365 and permission of instructor.

FIN-460 Financial Modeling (3) This course provides students with decision-making skills derived from the ability to understand, perform, and interpret complex financial calculations and models used in finance. It presents the theory and practice of finance, emphasizing computer-based financial modeling, forecasting and the use of financial software applications to analyze the impacts of financial decisions. The course covers a variety of techniques, such as sensitivity and scenario analysis, optimization methods and Monte Carlo simulation. *Prerequisite:* FIN-365.

FIN-462 Private Wealth Management (3) This course focuses on methods of sound money management in preparation for Certified Financial Planner (CFP) certification. Students learn to prepare personal financial plans, evaluate and select management investments, analyze insurance, and use credit effectively; including mortgages. The course also covers financial strategies for tax minimization and retirement planning. The methodology is that of life-cycle planning and personal risk management. *Prerequisite:* FIN-365.

FIN-463 International Finance (3) Business finance in a global context. The structure and nature of the foreign exchange markets, including measuring and managing foreign exchange risk, hedging in an international context, the international monetary system, international corporate structure and aspects of financial operation of the multinational firm. The cost of capital and capital budgeting in an international context are also studied. Meets with IBUS-463. *Prerequisite:* FIN-365.

FIN-464 Financial Markets and Institutions (3) Topics covered include interest rates, risk and term structure, financial markets efficiency, fundamentals of financial and depository institutions, agency problems, financial regulation, and interest rate risk management. An integrated view of the participating institutions and the markets in which they operate, their investment constraints, and resulting portfolios. *Prerequisite:* FIN-365.

FIN-465 Derivative Securities (3) Analysis of debt and equity-based futures and options contracts and their underlying cash market instruments. Characteristics of derivative instruments markets. Pricing of derivative instruments. Speculative, hedging, and arbitrage uses of derivative instruments. Risk-return tradeoffs in speculation and hedging. Limited coverage of currency futures and options and exotic derivative instruments. *Prerequisite:* FIN-365.

FIN-466 Real Estate Principles and Transactions (3) Principles and practices of listing real property, agreement of sale, and the transfer of title or ownership and interests. Drawing documents, contracts, deeds, leases, financing and other instruments. Private and public property rights, liens, taxes, assessments, and other claims on real estate. Mathematical problems in investment real estate. Approved for the real estate salesperson examination. *Prerequisite:* FIN-365.

FIN-467 Mortgage Finance (3) Impact of the national economy on real estate; application of macroeconomics (GNP, consumer spending, inflation, interest rates, and other data) to housing and commercial property; mortgage market analysis, including ARMs and creative financing, secondary mortgage markets, MBSs, CMOs, and other new developments in real estate finance. *Prerequisite:* FIN-365.

FIN-468 Intermediate Corporate Finance (3) Investment, financing, and dividend-policy decisions of the financial manager. Case studies and problems are some of the tools used to enable the student to make and see the effects of financial decisions. *Prerequisite:* FIN-365.

FIN-469 Investment Analysis (3) Investment objectives. Methods of appraising corporate equity, debt, and other securities. Portfolio theory and management, technical analysis, random walk theory, and the role of institutional investors. Case studies and computer simulation are used. *Prerequisite:* FIN-365.

FIN-472 Fixed Income (3) The course develops the foundations for the analysis, trading, and use of fixed-income instruments, both cash and derivative securities. It revolves around the modeling of interest-rate and default risk, the pricing of various fixed-income products, and one-factor models of the yield curve. Students become familiar with yield curve calculus including duration and convexity, various segments of global fixed-income markets, the Bloomberg system for analyzing and trading fixed-income securities and their derivatives, one-factor models of the yield curve, financial innovations in fixed-income derivatives such as default swaps, and securitization. *Prerequisite:* FIN-365 and FIN-465 (may be taken concurrently), or permission of instructor.

FIN-475 Real Estate Management and Development (3) Property management, development, operation, and construction of physical real estate, including residential, industrial, office, hotel, and retail. Development investment strategies including land-use planning, zoning, entitlement, and coordination of construction, and valuation of land, including real options. Operation and management of property, including issues of agency and self-selection, tenant selection, retention, and management. *Prerequisite:* FIN-365.

FIN-490 Independent Study Project in Finance (1-3) *Prerequisite:* FIN-365 and permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

FIN-573 Corporate Valuation and Financial Strategy (3) Examines ways to increase firm value through corporate restructuring. Includes the theoretical background on restructuring, valuation techniques, mergers, acquisitions, spin-offs, divestiture activities, LBOs, and financial distress. Reviews theory and practice through case analysis and emphasizes valuation analysis and the role of financial markets in each area. *Prerequisite:* FIN-365 and FIN-468 or FIN-469, or FIN-614, or permission of instructor.

FIN-574 Quantitative Methods in Finance (3) Students gain an understanding of applied econometric models typically used in finance to become familiar with techniques for analyzing real-world financial and economic research. The course includes conducting empirical research, data sources, univariate tests, multivariate regression, portfolio concepts, and other research applications. *Prerequisite:* FIN-365 and FIN-468 or FIN-469, or FIN-614, or permission of instructor.

FIN-575 CFA Level I Intensive Review (3) This course provides an intensive review to help students prepare for the Chartered Financial Analyst (CFA) Level I examination. Includes ethical and professional standards, quantitative methods, economics, financial reporting and analysis, corporate finance, portfolio management, securities markets and equity investments, fixed income investments, derivatives, and alternative investments. *Prerequisite:* senior or graduate standing.

FIN-576 Student-Managed Investment Fund (1-3) May be repeated for credit but not in the same term. The Student Managed Investment Fund (SMIF) is a collaborative class that provides valuable, real-time experiential learning in securities analysis and portfolio management. Students learn equity valuation and portfolio management techniques and tools to demonstrate practical knowledge in research, investing, portfolio management, and the dynamics of equity markets. *Prerequisite:* FIN-469 or FIN-672, and permission of instructor.

Graduate Courses

FIN-605 Managerial Economics and Corporate Strategy (3)

Basic economic tools and concepts are presented in the context of addressing managerial decisions related to firm strategy. Topics covered include demand and supply, pricing policies, market structures, and appropriate responses to macroeconomic policies and outcomes as they apply to private business, government agencies, and non-profit organizations. Students learn basic economic concepts and how to apply them in many different market situations.

FIN-614 Financial Management (3) Financial theory and techniques of analysis, including valuation theory, theories of risk measurement, managing the firm's investment decisions, cash distributions, and capital structure, sources of financing for the firm and financial planning and analysis. *Prerequisite:* ACCT-607, FIN-605, and ITEC-610.

FIN-630 Financial Analysis of the Firm: Concepts and Applications (3) This course presents finance and accounting concepts as management tools. It covers financial theory and techniques involving time value of money, valuation, and risk measurement and students develop an understanding of a firm's investment decisions and financing practices. The course also covers underlying concepts from accounting and their role in management and valuation, with additional topics from economics and statistics included as needed. Students gain a general understanding of financial and accounting concepts and principles as they relate to making basic management decisions for a firm in the areas of valuation, financial planning and investment.

FIN-660 Financial Modeling (3) This course provides students with decision-making skills derived from the ability to understand, perform, and interpret complex financial calculations and models used in finance. It presents the theory and practice of finance, emphasizing computer-based financial modeling, forecasting and the use of financial software applications to analyze the impacts of financial decisions. The course covers a variety of techniques, such as sensitivity and scenario analysis, optimization methods and Monte Carlo simulation. *Prerequisite:* FIN-614.

FIN-665 Quantitative Methods in Finance I (3) In this course students gain an understanding of applied econometric models typically used in finance to become familiar with techniques for analyzing real-world financial and economic research. *Prerequisite:* FIN-614 and STAT-514 or permission of program director or instructor.

FIN-666 Quantitative Methods in Finance II (3) This course is the second in a two-course sequence covering the application of statistical and quantitative methods of analysis to financial data. In this course, students extend their understanding of applied econometric models covered in Quantitative Methods in Finance I to time-series data limited dependent variable models and hazard models. *Prerequisite:* FIN-665.

FIN-671 Advanced Financial Management (3) This course builds on the fundamental concepts introduced in FIN-614 Financial Management. Topics covered include capital budgeting; asset valuation, capital structure, payout policy, risk management, short-term asset management, and other topics appropriate to current financial issues. The course combines in-class lectures, online material, and case studies. *Prerequisite:* FIN-614.

FIN-672 Investment Analysis and Portfolio Management (3)

The purpose and operations of security markets; investment instruments and their characteristics; introduction to portfolio and capital market theory; theory of valuation, bonds, and the term structure of interest rates; options, commodity and financial futures; investment companies; and international investments. *Prerequisite:* FIN-614.

FIN-674 Derivatives and Risk Management (3) A comprehensive study of equity and debt-based futures with other derivative instruments given secondary consideration. Characteristics of exchanges and market participants. Pricing of derivative instruments. Hedging, speculative, and arbitrage applications of derivative instruments are analyzed. *Prerequisite:* FIN-614.

FIN-677 Financial Statement Analysis (3) This course explores the use of financial statement information by investors and analysts as a basis for understanding a firm's current performance, assessing its future prospect and valuing ownership and other claims. The focus is on use of accounting information for equity valuation, but other applications are also considered. Meets with ACCT-677. *Prerequisite:* ACCT-607 and FIN-614, or equivalent with permission of the chair of the Department of Finance and Real Estate.

FIN-681 Financial Intermediation in Emerging Markets (3) Nations are increasingly turning to free capital markets and to intermediate resources to finance their development. This course examines the specific contributions that financial markets and institutions can make in reaching their goals of economic growth and development. *Prerequisite:* FIN-614.

FIN-683 Financial Institutions Management (3) (fall 2011: Modern Financial Markets and Institutions) This course introduces the institutions and markets that form the worldwide economic system of trading financial and real assets. Students cover concepts of financial theory; institutional detail; regulations; and the history of the financial markets. The course provides an overview of the financial world and the markets' primary participants. *Prerequisite:* FIN-614.

FIN-684 Fixed Income Analysis (3) This course provides an introduction to the analysis of bonds and other fixed-income assets. Students study liquidity management, risk measurement and management, and portfolio analysis and management. *Prerequisite:* FIN-614.

FIN-685 Topics in Finance (1.5-3) Topics vary by section, may be repeated for credit with different topic. Rotating topics of special interest in finance and related interdisciplinary topics.

FIN-687 Corporate Governance (3) This course examines the relationship between managers and shareholders, and the processes and systems that investors use to ensure that managers act in the best interests of the firm's owners. The course covers issues including boards of directors, executive compensation, ownership structure, etc., and uses a combination of readings and case studies. *Prerequisite:* FIN-614.

FIN-690 Independent Study Project in Finance (1-6) *Prerequisite:* permission of instructor and department chair.

FIN-691 Internship in Finance (1.5) May be taken pass/fail only. *Prerequisite:* permission of instructor and department chair.

FIN-700 International Finance (3) Financial operation of the multinational firm, including the sources of funds, foreign investment decisions, and international transactions and taxation. Also included is a study of the related aspects of the international monetary system; foreign exchange markets; measuring and managing foreign exchange risk; and international banking. Meets with IBUS-700. *Prerequisite:* FIN-614.

Art: Graphic Design

Undergraduate Courses

GDES-200 Visual Communication Design FA1 (3) Students engage in hands-on design practices, develop creative thinking strategies, and devise solutions to visual communication design challenges. The course familiarizes students with visual principles, essential software, and techniques that serve the basic designer needs. Students also develop fluency in the principles of visual language to form a basis of aesthetic judgment and develop methods of analysis and inquiry for creative thinking. Students combine in-studio practice with class critiques of work, software tutorials, and supporting lectures. Usually offered every term.

GDES-210 Typography I: Visible Language for Publications and Media (3) Students explore creative, historical, theoretical, and applied principles of type. Through creative projects and exercises, students also explore the communicational impact of choosing typefaces, the expressive possibilities of type in static and kinetic media, as well as the foundations for hierarchy and composition for publication design. Students develop skills to enhance, clarify, and support meaning and the accessibility of typographic content. Combines creative studio practice with supporting readings, lectures, and software training. Usually offered every term.

GDES-220 Digital and Emerging Media Design I (3) Students develop applied creative projects and acquire technical skills to become adept at essential software, design principles and practices for screen-based digital and emerging media. Students also learn foundations of front-end web coding such as HTML and CSS, and develop technical problem solving and organizational skills. Course lectures address the cultural backdrop of the Internet as it applies to design.

GDES-230 Graphic Design History: Visual Culture, Commerce, and Propaganda FA1 (3) Graphic images have been used from prehistory to the computer age. A lecture-discussion format presents the historical context for the graphic arts of calligraphy, typography, book design, diagramming, and illustration. Emphasis on the relationship of these applied arts to the fine arts, technology, and social history, as well as the application of this visual language to contemporary design problems. Usually offered every term.

GDES-300 Typography II: Type and Image (3) Students create typographically focused design solutions to design challenges, and explore the relationship between type and image across print and digital media. The course emphasizes ideation of sophisticated design combining visual and verbal elements, as well as the development of advanced publication layout skills, grid-based typographic structures, and information design. Usually offered every fall. *Prerequisite:* GDES-200, GDES-210, GDES-220, and COMM-330.

GDES-310 Design for Print: Digital and Analog Print Production (3) Through a series of creative design projects, the course places emphasis on the technical procedures that translate graphic design from an idea to a printed piece as well as on attaining proficiency in the use of print-related software. Includes development of comprehensive sketches, pre-press preparation, color separation, and printing procedures. The course includes lectures, studio projects, and local field trips. Usually offered every term. *Prerequisite:* GDES-200, GDES-210, GDES-220, and COMM-330.

GDES-315 Digital and Emerging Media Design II (3) This course prepares students for the world of professional web design. Through creative hands-on projects, exercises, and lectures, students learn to conceptualize, design, and deploy successful web sites for clients. Course topics include intermediate web design concepts such as interface design, usability principles, web typography, information architecture, compliant front-end HTML, CSS, and JavaScript code. Usually offered every term. *Prerequisite:* GDES-200, GDES-210, GDES-220, and COMM-330.

GDES-320 Visual Concepts and Image Making for Design (3) Through a combination of digital and analog media, students create applied design projects integrating photography as an image-making tool to convey ideas and to generate original images. The course emphasizes image-based concept development, sketching, planning, and realization of photo-shoots, and the development of art direction skills. Usually offered every spring. *Prerequisite:* GDES-300.

GDES-325 Kinetic and Sequential Graphics (3) Students explore the application of typographic, compositional, and conceptual design principles in the context of time and sequence. Students develop advanced skills in the creation of kinetic typography and graphics applied to design challenges including identity, information, and conceptual expression, whether for linear or interactive sequential design. Usually offered every spring. *Prerequisite:* GDES-300.

GDES-350 Illustration (3) Students explore illustration as a communicational concept delivery tool. From basic black-and-white techniques, including representational drawings and pictograms, to complex color, collage, and mixed media. Usually offered every spring. *Prerequisite:* graphic design major or minor, and ARTS-205 or ARTS-210 or ARTS-215.

GDES-390 Independent Reading Course (1-6) *Prerequisite:* permission of instructor and department chair.

GDES-400 Advanced Design I: Visual Branding and Design Systems (3) This course invites students to develop complex, multi-component design projects focused on building visual and conceptual aspects of branding and identity for a variety of applications. Projects also involve the articulation of design systems through environmental, promotional and collateral graphics, and other design systems. Studio practices allow students to mature their professional, organizational, and presentation skills. Usually offered every fall. *Prerequisite:* GDES-320.

GDES-405 Experience Design: Interactive Media and Mobile Devices (3) This course introduces students to design elements and techniques for mobile applications. Through hands-on projects, exercises, and supporting lectures, students conceptualize, design, prototype, and execute interactive experiences for portable digital devices. The creative projects emphasize developing the ability to clearly articulate complex information architecture while producing compelling and vibrant user interfaces. Usually offered every fall. *Prerequisite:* GDES-315 and GDES-325.

GDES-420 Advanced Design II: Publication Design for Print and Digital Media (3) Students engage in the research, conceptualization, design, and execution of complex design projects with concentration in editorial and publication design, book design, and other comprehensive narrative and editorial design challenges. Students also devote time to preparation of senior portfolios. Usually offered every spring. *Prerequisite:* GDES-400.

GDES-425 Interactive Experience Design: Senior Projects (3) Students explore advanced topics in interactive and experience design through creative projects. Students conduct semester-long applied research resulting in a series of cohesive works that explore effective and meaningful uses of technology for creating engaging interactive experiences. Supporting course lectures address current issues and trends in the field, while lab work sessions cover required technical skills. Interdisciplinary inquiry and creative experimentation are highly encouraged. Usually offered every spring. *Prerequisite:* GDES-405.

GDES-450 Packaging Design (3) Development of three-dimensional design solutions related to the presentation of objects and products. Students explore structural, production, and communicational aspects of packaging. Usually offered every spring. *Prerequisite:* GDES-300 or permission of department.

GDES-490 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

GDES-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

General Education

Undergraduate Courses

GNED-110 General Education Area 1 Topic (1-3) Special topics offered periodically for General Education credit in Foundational Area 1.

GNED-120 General Education Area 2 Topic (1-3) Special topics offered periodically for General Education credit in Foundational Area 2.

GNED-130 General Education Area 3 Topic (1-3) Special topics offered periodically for General Education credit in Foundational Area 3.

GNED-140 General Education Area 4 Topic (1-3) Special topics offered periodically for General Education credit in Foundational Area 4.

GNED-150 General Education Area 5 Topic (3) Special topics offered periodically for General Education credit in Foundational Area 5.

GNED-210 General Education Area 1 Topic (3) Special topics offered periodically for General Education credit in Foundational Area 1.

GNED 2125 Sophomore Seminar Areas 1 2 5 (3) Special interdisciplinary topics offered periodically. Fulfills General Education requirement in Areas 1, 2 or 5.

GNED-213 Sophomore Seminar Areas 1 3 (3) Special interdisciplinary topics offered periodically. Fulfills General Education requirement in Areas 1 or 3.

GNED-2134 Sophomore Seminar Areas 1 3 4 (3) Special interdisciplinary topics offered periodically. Fulfills General Education requirement in Areas 1, 3 or 4.

GNED-220 General Education Area 2 Topic (3) Special topics offered periodically for General Education credit in Foundational Area 2.

GNED-230 General Education Area 3 Topic (3) Special topics offered periodically for General Education credit in Foundational Area 3.

GNED 234 Sophomore Seminar Areas 3 4 (3) Special interdisciplinary topics offered periodically. Fulfills General Education requirement in Areas 3 or 4.

GNED-240 General Education Area 4 Topic (3) Special topics offered periodically for General Education credit in Foundational Area 4.

GNED-250 General Education Area 5 Topic (3) Special topics offered periodically for General Education credit in Foundational Area 5.

Government

Undergraduate Courses

GOVT-102 Selected Topics in Leadership (1-3) Topics vary by section, may be repeated for credit with different topic. Analyses of topics in leadership in a global era, with special attention to law and justice, politics and political reform, and civil and human rights. Usually offered every summer. *Prerequisite:* permission of department.

GOVT-105 Individual Freedom vs. Authority FA2 (3) The study of major philosophical discussions of the conflict between individual freedom and authority with analysis of the relation between this conflict and the problem of organizing a government. Usually offered every term.

GOVT-110 Politics in the United States FA4 (3-4) Study of major philosophical concepts that shaped government in the United States combined with an analysis of contemporary political institutions and behavior, focusing on the American governmental system. Four-credit sections include Washington laboratory experiences. Usually offered every term.

GOVT-130 Comparative Politics FA3 (3) How different societies, both Western and non-Western, have approached the political problems of order and responsiveness. The relationships, in a cross-cultural perspective, between the individual and the state; social and economic processes; culture and behavior. Usually offered every term.

GOVT-165 How Washington Works (3) An introductory overview of the basic features of the U.S. political system, with an emphasis on how they affect the decision-making process in Washington, D.C. It examines both the formal branches of government—Congress, the presidency and executive, and judiciary—and non-formal actors including interest groups and lobbyists, the press and other media, and policy research and advocacy institutions, as well as the role of foreign embassies and international organizations. No credit for Government or CLEG major requirements.

GOVT-210 Political Power and American Public Policy FA4 (3) Introduction to political power and how the domestic policy process works; how to evaluate American domestic policy; and the content of several major domestic policies such as energy, environment, health, education, welfare, economic stability, labor, and justice and social order. Usually offered every term.

GOVT-220 The American Constitution FA4 (3) This course focuses on the major aspects of American constitutional law and development: the separation of powers in the American political system; the distribution of power between the federal government and the states; government power to regulate economic and property interests; and development of civil rights and liberties. Some of the most important decisions the Supreme Court has made across the spectrum of constitutional law are examined, and the relationship between law, politics, and society is also explored. Usually offered every term.

GOVT-226 The Constitution, Presidential Power, and the War on Terror (3) This course uses lessons from the U.S. historical record to inform consideration of the tension between government power and individual rights in the twenty-first century and especially since September 11, 2001. The course begins with case studies of expanded U.S. government power during times of crisis, including the Civil War, World Wars I and II, the Cold War, and the Nixon presidency. The course then focuses on the ways in which executive power expanded during the War on Terrorism and on the question of whether new presidential administrations will change course, or might be required to change course. Usually offered every term.

GOVT-231 Third World Politics (3) Political order and change in selected countries in Africa, Latin America, and Asia, emphasizing nation building, ideology, development, and the role of the military. Usually offered every fall and spring. *Prerequisite:* GOVT-130.

GOVT-232 Politics of Postindustrial Societies (3) Comparative study of participation, public policy, and policymaking in postindustrial societies. The effects of technology and science on values and social change. Usually offered every term. *Prerequisite:* GOVT-130.

GOVT-235 Dynamics of Political Change FA3 (3) Theoretical perspectives on political change together with case studies of societies in which the status quo has broken down. Emphasis on the political, cultural, social, and psychological aspects of domestic crisis and revolution, with the objective of increasing awareness and appreciation of other nations and their struggles. Usually offered every term.

GOVT-240 Metropolitan Politics (3) The growth of cities and metropolitan areas. Evolution of the city and its surrounding areas as a focus of public policy. Analysis of decision making techniques, intergovernmental relations, and ethnic politics. Implications of financial resources and suburban attitudes on metropolitan politics and policy making. Usually offered every term.

GOVT-282 Introduction to Women and Politics (1) This course is an intensive introduction to women and politics. Students in the course gain an understanding of the historical struggle of women for political, economic, and educational rights, as well as the major actors who were or continue to be involved in these efforts. Usually offered every fall.

GOVT-310 Introduction to Political Research (3) An introduction to political science research, including the logic of analysis, research design, and the basics of quantitative analysis. Application of gathering data and of analytic and statistical techniques to contemporary political problems. Usually offered every term. *Prerequisite:* GOVT-110.

GOVT-315 Elections and Voting Behavior (3) The role of public opinion, interest groups, social movements, and political parties in plural societies. Problems in political participation, communication, representation, and leadership. Usually offered every term. *Prerequisite:* GOVT-110.

GOVT-320 The Presidency (3) The role of the presidency in the political system, including presidential power, personality, response to public opinion, interaction with the cabinet and bureaucracy, Congress, and political parties. Usually offered every term. *Prerequisite:* GOVT-110.

GOVT-321 Congress and Legislative Behavior (3) Congressional behavior, Congress as an institution, and the role of Congress in policymaking. Includes field research on Capitol Hill. Usually offered every term. *Prerequisite:* GOVT-110.

GOVT-322 American Political Parties (3) Party organization, the party in the electorate and government, party reform, and the future of American parties. Research on parties in Washington. Usually offered every spring. *Prerequisite:* GOVT-110.

GOVT-323 Interest Group Politics (3) Students are introduced to central concepts of interest group politics to prepare for effective citizenship whether as an interested voter, professional lobbyist, elected official, or political consultant. The course examines why individuals organize to influence governmental policies, the variety of interests represented, and the range and effectiveness of strategies employed. It focuses on the effects of individual preferences, governmental structure, and the political environment on group strategies and governmental response. Usually offered every term. *Prerequisite:* GOVT-110.

GOVT-325 Minority Politics in the United States (3) Topics vary by section, may be repeated for credit with different topic. How various minority groups have shaped the American political system, and how American political structures have affected their involvement in the political process at the local, state, and national levels. Usually offered every spring. *Prerequisite:* sophomore standing.

GOVT-326 History of the Conservative Movement: 1945-Present (3) This course analyzes the dramatic rise of the conservative movement from 1945 to the present, exploring how what largely started as a marginalized movement of ideas became a powerful political force in American politics. The course focuses on the conservative movement's political history, intellectual foundations, and public policy objectives. Usually offered every fall. *Prerequisite:* sophomore standing.

GOVT-333 Government and Politics of the European Union (3) Offered as part of the AU Abroad program in Brussels, Belgium, this course is an in-depth study of the governance, politics, and evolution of the European Union (EU). It studies the EU's institutions, and the dynamics of its internal and external policy-making processes. In this course, students learn about the structure and powers of all of the EU institutions, how these institutions interact with each other and with the member states, and the dynamics of the EU's legislative and policy processes. Students also examine the process of accession for the countries of Central and Eastern Europe, discuss the EU's emerging Common Foreign and Security Policy, and consider what the evolution of the EU means for the rest of the world.

GOVT-334 Modern British Politics (3) Offered as part of the AU Abroad London Semester. An introduction to institutions of politics and government in Britain and how its constitutional monarchy and parliamentary system have evolved. How politics are practiced and power is distributed between institutions, parties, and individuals. Considers the relationship between politics and other aspects of British society and the major contemporary issues in British politics. Usually offered every term.

GOVT-335 Democratization, Participation, and Social Movements (3) The background and major issues of twentieth century political thought; the concept, nature, and functions of ideology; and major contemporary doctrines. Usually offered every fall.

GOVT-350 Constitutional Law I: Powers and Federalism (3) The nature of constitutionalism and the role of constitutional interpretation; judicial power and review. Supreme Court decisions and their effect on the development of the American political system. Usually offered every term. *Prerequisite:* GOVT-110.

GOVT-351 Constitutional Law II: Civil Rights and Liberties (3) An exploration of the constitutional evolution of the law of civil rights and liberties, and the social and political context in which the law is made. Emphasis is on the Supreme Court's major decisions that have defined the laws of free speech, religion, equality, privacy, and the death penalty. Usually offered every spring. *Prerequisite:* GOVT-220 or GOVT-350.

GOVT-352 Law and the Political System (3) Basic concepts of law and the American legal system. Analysis of the role of courts in the policy-making process. Problems of law enforcement and the correctional system. Usually offered every term.

GOVT-361 Laboratory in Leadership Development I (1) Structured and unstructured exercises, including community service activities, to increase students' understanding of leadership and the role of leaders in the public policy-making process, and develop their personal leadership skills in communication, group dynamics, value clarification, the development of vision, managing emotions in leadership situations, bargaining and negotiation, and the relationship of personal growth to leadership roles and functions. Usually offered every fall and spring. Leadership Program students take the course both fall and spring of their first year. *Prerequisite:* permission of director of SPA Leadership Program.

GOVT-362 Laboratory in Leadership Development II (1) An advanced leadership development course that consists of structured and unstructured exercises designed to increase students' understanding of leadership and the role leaders play in the public policy-making process. Usually offered every fall and spring. Leadership Program students take the course both fall and spring of their second year. *Prerequisite:* GOVT-361 or permission of director of SPA Leadership Program.

GOVT-370 Formation and Implementation of Environmental Policy (3) An introduction to the issues, institutions, and processes that determine environmental policy in the United States. Environmental policy formation, implementation by administrative agencies, and the resolution of environmental disputes. Usually offered every fall. *Prerequisite:* GOVT-210.

GOVT-390 Independent Reading Course in Government (1-6) *Prerequisite:* permission of instructor and department chair.

GOVT-391 Internship (1-6) Internships with interest groups, congressional offices, and government agencies. Weekly seminar. *Prerequisite:* second-semester sophomore standing, GOVT-210, GOVT-321, or PUAD-260, and permission of department.

GOVT-403 Ancient Political Thought (3) An in-depth approach to political philosophy beginning with the pre-Socratics and extending through the Platonic dialogues, Aristotle, and Roman civil law. Meets with GOVT-603. Usually offered every fall. *Prerequisite:* GOVT-105.

GOVT-405 Modern Political Thought (3) Works of major political theorists from the sixteenth to the twentieth century and their application to current questions of theory and method. Included are Machiavelli, Hobbes, Locke, Montesquieu, Rousseau, Mills, Hegel, Marx, and others. Meets with GOVT-605. Usually offered every spring. *Prerequisite:* GOVT-105.

GOVT-406 American Political Thought (3) Concepts and theories on the nature and operation of American politics and government. Meets with GOVT-606. *Prerequisite:* GOVT-105.

GOVT-408 The Idea of America in European Political Thought: 1492-Present (3) From the "discovery" of America until today; this course examines what America has meant to thinkers from the Old World. It includes Columbus' discovery; views of the Indians; the Enlightenment's idealization of America as nature; reactions to the American Revolution; twentieth-century critiques of America as overly technological; and reactions to 9/11. Meets with GOVT-608. *Prerequisite:* GOVT-105 or permission of instructor.

GOVT-409 Contemporary Political Thought (3) This course examines important works in political theory from the late nineteenth/early twentieth century to the present, with a view to the major upheavals that distinguish this era. Themes addressed include Marxism, fascism/totalitarianism, liberalism, conservatism, communitarianism, libertarianism, postmodernism, and others. Meets with GOVT-609. Usually offered every spring. *Prerequisite:* GOVT-105 or permission of instructor.

GOVT-410, GOVT-411 Washington Semester in American Government and Politics Seminar I (4), II (4) Students study the U.S. government in action through seminars, conferences, lectures, and guided seminar evaluations of experience. Usually offered every term. *Prerequisite:* admission to program.

GOVT-412 Washington Semester in American Government and Politics Research Project (4) An individual report prepared under the guidance of the academic directors of the program. Usually offered every term. *Prerequisite:* admission to program. *Co-requisite:* GOVT-410/411.

GOVT-416 Washington Semester in American Government and Politics Internship (4) *Prerequisite:* admission to program.

GOVT-417, GOVT-418 Transforming Communities Seminar I (4), II (4) The interdisciplinary Washington Semester in Transforming Communities seminars introduce students to community issues through lectures, guest speakers, and site visits to community-based and government organizations at the front lines of community transformation. Issues discussed include housing, business development, community safety, social policy, and education. Meets with JLS-464/JLS-465. Usually offered every term. *Prerequisite:* admission to program.

GOVT-419 Transforming Communities Research Project (4) Students in the Washington Semester in Transforming Communities complete an original research project on an issue related to policy or grassroots activism. Usually offered every term. *Prerequisite:* admission to program.

GOVT-420 Transforming Communities Internship (4) Washington Semester in Transforming Communities public or private sector internships in either policy making or project planning. Usually offered every term. *Prerequisite:* admission to program.

GOVT-423 Advanced Studies in Public Policy (3) Topics vary by section, may be repeated for credit with different topic. Seminars on such topics as hunger, poverty, housing, education, job training, healthcare, unemployment, welfare, and conservation. Usually offered every fall and spring. *Prerequisite:* GOVT-210.

GOVT-432 Political Institutions and Processes in Selected Countries (3) Topics vary by section, may be repeated for credit with different topic. The nature of political institutions and processes of specific countries, such as Great Britain, Germany, France, the former Soviet Union, Israel, Iran, Greece, India, Turkey, and Mexico. *Prerequisite:* GOVT-130 or GOVT-231 or GOVT-232.

GOVT-433 Topics in Sub-Saharan African Politics (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics course examine the political development of African states south of the Sahara Desert and the nature of politics in Sub-Saharan Africa generally and by country. Usually offered alternate falls.

GOVT-436 Formation of Federal Indian Policy (3) Offered as part of the Washington Internships for Native Students (WINS) program. The development of American Indian/Alaskan Native public policy, starting with an overview of international legal and theological underpinnings from early Colonial to the present time. Includes study of the Constitutional arguments for Congressional plenary power over Indian affairs, and review of the treaty-making, allotment, termination, Reorganization Act, and self-determination eras of Federal Indian policy, concluding with contemporary legislation such as the Indian Gaming Regulatory Act and Indian Child Welfare Act. Usually offered every summer. *Prerequisite:* admission to WINS program.

GOVT-438 North American Politics (3) An introduction to the comparative study of national politics in Canada, Mexico, and the United States, with consideration of national-level policy changes in each country related to the increasing integration of North America, especially since the implementation of the North American Free Trade Agreement (NAFTA). This course considers integration of a unified North American political, economic, and social identity. While focusing mostly on comparing domestic political processes and institutions across the nations, the course concludes with implications for regional integration. Usually offered alternate falls. Meets with GOVT-638.

GOVT-455 Equal Protection (3) Examination of the evolution of federal civil rights law and modern interpretations of the major statutory and constitutional provisions that guarantee equal protection. Emphasis is on constitutional development under the Fifth and Fourteenth Amendments and major congressional legislation that bans discrimination in employment, education, housing, etc., based on race, ethnic origin, gender, religion, and color. Also examines emerging legal developments intended to prohibit discrimination on the basis of sexual orientation and physical or mental disability. Usually offered every fall. *Prerequisite:* GOVT-215 or GOVT-350.

GOVT-460 Political and Organizational Leadership (3) Examines major theories and research in public leadership, with emphasis on American political and administrative institutions. Case studies of leaders and leadership in complex public organizations. Relative impact of personality and organizational factors in leadership development. Emphasis on students' awareness of their own leadership style and development potential. Usually offered every fall. *Prerequisite:* admission to SPA Leadership Program.

GOVT-461 Politics in the Television Age (3) The relationship between television and American politics. Includes the concept of news; the changing role of television; the politics of newsmaking; the election campaign and the emergence of the political consultant; "tele-diplomacy"; and research tools for analyzing television news. Usually offered every term. *Prerequisite:* GOVT-110.

GOVT-464 Politics and Policy in the Electronic Age (3) This course examines the impact technology, especially the Internet, has on the American political system. Specifically, students evaluate how technology impacts subsystems including interest groups, Congress, and executive agencies. The class focuses on real-world applications of technology in politics through guest speakers and site visits. Usually offered every summer and fall. Meets with GOVT-664.

GOVT-465 Politics and the Internet (3) This course examines the history and evolution of the Internet; its impact on our daily lives; and the various ways in which the Internet has embedded itself into the political landscape. The course also looks at the impact of the Internet on the media and reaching constituents as a two-way medium. Meets with GOVT-665. Usually offered every summer.

GOVT-469 Media and Political Intervention: Vietnam to Iraq (3) This course explores media's impact on the political decisions of the United States to intervene militarily in Vietnam, Grenada, Panama, Somalia, Haiti, Bosnia, the Persian Gulf, Afghanistan, and Iraq. The class examines the relationship between policy makers and journalists to determine how they use and/or help one another to achieve their respective objectives, and the role of public opinion. Usually offered every spring. *Prerequisite:* junior or senior standing.

GOVT-480 Honors Senior Seminar in Political Science I (3) A capstone experience for honors students in Political Science and CLEG. Designed to facilitate the integration of knowledge in the field of political science. Development and oral defense of significant research projects. Usually offered every fall. *Prerequisite:* GOVT-310 and permission of instructor.

GOVT-481 Honors Senior Seminar in Political Science II (3) A capstone experience for honors students in Political Science and CLEG. Designed to facilitate the integration of knowledge in the field of political science. Development and oral defense of significant research projects. Usually offered every spring. *Prerequisite:* GOVT-310 and permission of instructor.

GOVT-482 Women and Politics (3) This course examines the evolutionary role of women in politics—as voters, citizens, candidates, and leaders—from the Seneca Falls Convention to the present. The role of women's organizations and movements in the expansion of political and legal rights are also explored. Usually offered every term. Meets with GOVT-682. *Prerequisite:* GOVT-110.

GOVT-483 Women, Politics, and Public Policy (3) A wide variety of issues of concern to women, including healthcare, welfare, educational equity, employment discrimination, and reproductive rights are examined through the lens of the formal policy-making process. Meets with GOVT-683. *Prerequisite:* GOVT-110.

GOVT-484 Women and Political Leadership (3) This course explores the historical evolution of women as leaders, the factors that have limited the number of women in leadership positions, and the differences in men's and women's leadership styles. Meets with GOVT-684. *Prerequisite:* GOVT-110.

GOVT-485 Topics in Women and Politics (1-4) Topics vary by section, may be repeated for credit with different topic. Topics include reproductive rights, women's health policy, women and campaigns, women in the media, and Title IX. Usually offered every term. Meets with GOVT-685. *Prerequisite:* GOVT-110.

GOVT-486 Feminist Political Theory (3) This course traces the major debates in feminist political theory and their roots in liberalism, communitarianism, Marxism, post-modernism, and other schools of thought and examines the ways in which feminist political theory can inform current policy debates concerning women. Usually offered every fall. Meets with GOVT-686. *Prerequisite:* one course in political theory, philosophy, or women's and gender studies, or permission of instructor.

GOVT-489 CLEG Seminar (3) Selected topical issues cutting across the disciplines of communication, law, economics, and political science. Primarily for CLEG (Communication, Legal Institutions, Economics, and Government) majors. Examples of issues are communication law and regulation, First Amendment rights and the media, and United States trade policy. Usually offered every spring.

GOVT-490 Independent Study Project in Government (1-6) *Prerequisite:* permission of instructor and department chair.

GOVT-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

GOVT-492 Seminar for Teaching Assistants (3-4) Exclusively for those who serve as teaching assistants in the Washington Laboratory, this course focuses on curriculum planning, group dynamics in classroom and field trip settings, role differentiation, and evaluation of student performance. Enhances leadership and communication skills. Usually offered every fall. *Prerequisite:* permission of instructor.

Graduate and Advanced Undergraduate Courses

GOVT-020 Campaign Management Institute (0) Noncredit option for the Campaign Management Institute, a two-week intensive course on major aspects of political campaigning. Student teams present a simulated campaign plan to a professional panel. May be taken pass/fail only. *Prerequisite:* introductory course in government.

GOVT-023 The Art and Craft of Lobbying (0) Noncredit option for two-week intensive institute in major aspects of professional lobbying and influencing the policymaking process. Student teams directed by mentors drawn from the lobbying profession present a simulated lobbying plan to a professional panel. May be taken pass/fail only. *Prerequisite:* introductory course in government.

GOVT-520 Advanced Studies in Campaign Management (4) The Campaign Management Institute (CMI) is a nationally-recognized program designed to train individuals for participation in local, state, and federal political campaigns. Developed and taught by strategists from the Republican and Democratic parties, national campaign consultants, and political scientists, the intensive two-week program serves as a valuable foundation for political activists and campaign managers. The institute comprehensively covers campaign techniques, strategy, and tactics with emphasis on technological developments. Student teams develop a campaign plan and present it to a professional panel. *Prerequisite:* GOVT-110 or GOVT-620.

GOVT-521 Topics in Campaign Management (1) Topics vary by section; may be repeated for credit with different topic. One-credit hour advanced workshops conducted by campaign professionals are offered in areas such as campaign media production and strategy; campaign fundraising; get-out-the-vote; and election analysis. Usually offered every term. *Prerequisite:* GOVT-110 or GOVT-620.

GOVT-522 Studies in Political Behavior (3) Topics vary by section, may be repeated for credit with different topic. Examples are personality and politics, and political socialization. *Prerequisite:* 6 credit hours of relevant course work in political science or a related discipline.

GOVT-523 The Art and Craft of Lobbying (3-4) The Public Affairs and Advocacy Institute (PAAI) is an intensive two-week program in major aspects of professional lobbying and influencing the policymaking process featuring speakers from the American University faculty and prominent professional lobbyists representing corporations, trade, and professional associations, public interest and other citizen groups, labor unions, as well as law and lobbying firms. The institute examines the full range of strategies and tactics pursued by organized interests and their lobbyists in attempting to gain access, obtain and exchange information, and influence policy makers in Congress and the executive branch. Student teams create a strategic lobbying plan on an important current public policy issue for a prospective client and present it to a professional panel. *Prerequisite:* GOVT-110 or GOVT-620.

GOVT-524 Topics in Public Affairs and Advocacy (1) Topics vary by section; may be repeated for credit with different topic. One-credit hour advanced workshops conducted by public affairs professionals are offered in specific public affairs areas such as grass roots lobbying; coalition building; and lobbying on the Internet. Usually offered every term. *Prerequisite:* GOVT-110 or GOVT-620.

GOVT-526 U.S. Intelligence Community (3) This course examines the agencies which make up the intelligence community and activities in which those agencies engage: collection of intelligence, counterintelligence, covert action, and analysis. The sources of conflict between members, direction and management of the community, secrecy and public control, and proposals for reform are also covered. Guest participants from research institutes and government; and independent authors. Usually offered every spring.

GOVT-527 Government Regulation and Deregulation (3) The controversial role of government in regulating lifestyles and business enterprises. Includes antitrust policy; health, safety, and environmental issues as well as social and moral questions; corporate, consumer, and special interest lobbying; effects of deregulation; and regulatory reform. Usually offered every spring.

GOVT-528 Corporate Power in American Politics (3) This course examines the factors that explain corporate political behavior, using business and political strategy techniques; scenarios, scenario drivers, fundamentals, market and non-market stimuli, and integrative modeling. Notions such as corporate political capital, reputation, branding, positioning, and corporate political culture and leadership are analyzed. Case studies include Enron, Oritz, Microsoft, GE, and BP to illustrate governance and other issues. Usually offered every fall. *Prerequisite:* GOVT-110.

GOVT-529 Principles of Homeland Security (3) This course analyses the nature and character of terrorism threats and the vulnerabilities facing the United States to gain insights on the relationships between war and national security, and between the domestic, regional, and international dimensions of terrorism and war. This course builds a conceptual framework to analyze terrorism systematically and to distinguish between strategy and policy. It also focuses on the relationship between homeland security and the international security environment, including the U.S. inter-agency coordination process and the dynamic of international cooperation in the War on Terrorism. Usually offered every term.

GOVT-531 Watergate: A Constitutional Crisis (3) Watergate threatened the very foundations of our constitutional government. Despite a corrupt presidency, other vital institutions of American democracy, including a free press, came to the rescue. Aimed at a generation not born until decades after President Richard Nixon's resignation, this course is designed to inspire students to learn more about a crucial chapter in U.S. history. Usually offered every fall.

GOVT-532 Political Institutions and Processes in Selected Regions (3) Topics vary by section, may be repeated for credit with different topic. Comparison of political institutions and processes of countries within specific regions such as Central America, Latin America, Western Europe, Eastern Europe, the Middle East, North Africa, Africa, South Asia, or Southeast Asia. *Prerequisite:* GOVT-130 or GOVT-231 or GOVT-232; or GOVT-632.

GOVT-534 Bottom-up Comparative Politics (3) An inquiry into the everyday politics that exist under the surface of both government systems and civil society from a comparative viewpoint that facilitates understanding of other societies. Includes readings from Africa, Asia, the Mideast, and the United States, and conceptual approaches including game theory, state-society theory, and political culture.

GOVT-535 Leaders in Comparative Perspective (3) The study of contemporary leaders in Africa; Europe; Latin America; and Asia through the use of biographies as the data base for analysis through political psychology; the cognitive sciences; decision theory; artificial intelligence and game theory. Emphasis is on bottom-up analysis of politics and the role of individual action in history; from a formal; scientific perspective. Usually offered every spring.

GOVT-536 Applied Political Writing (3) This course provides students with the writing skills necessary for success in political fields, from campaign politics to political journalism to Congressional offices and issue advocacy organizations. Each student develops a portfolio of writing samples that can be used in applying for positions and/or demonstrating skills, and becomes familiar with the tools and techniques of expository and persuasive writing needed in the world of politics. The course emphasizes clarity and precision as well as the forms, substantive knowledge, and creativity important in political writing. Usually offered every term. *Prerequisite:* 6 credit hours of relevant coursework in political science or a related discipline.

GOVT-537 Political Speechwriting (3) This course concentrates on the basic skills of speechwriting and techniques of successful presentation and delivery. Includes guest lectures and multimedia presentations that illustrate rhetorical skills and devices used by notable and successful public speakers throughout history. Usually offered every term. *Prerequisite:* 6 credit hours of relevant coursework in political science or a related discipline.

GOVT-540 Political Parties, Interest Groups, and Lobbying (3) The roles, functions, and changing nature of political parties and interest groups in American politics, the impact of political party reforms on the parties, and the ways in which parties and interest groups shape public policy. Usually offered every spring. *Prerequisite:* GOVT-210 or GOVT-322 or GOVT-523.

GOVT-541 The Politics of Mass Communication (3) Effects of mass communication on all levels of political life in modern societies including socialization, participation, information, and opinion. Analysis of the relationship between mass communication and politics within a comparative context, i.e., societies with differing media structures (predominantly commercial, public, or state systems). Usually offered every spring.

GOVT-545 Landmark Law Cases (3) Emphasizing the social and political dimensions of constitutional litigation, this course examines some of the most important cases decided by the U.S. Supreme Court. Students are encouraged to understand American constitutional development as the product of social, economic, and political choices rather than merely legal formalism. *Prerequisite:* GOVT-215 or GOVT-350, or equivalent.

GOVT-550 Politics in Cuba (3) An examination of the social, economic, and political roots of the Cuban revolution of 1959 and the changes brought about in Cuban politics and society as a result of the revolution. Usually offered every fall.

GOVT-584 Gender and Politics in the Middle East (3) This course explores the ways in which social, political, and cultural constructions of sexual differences influence the nature and practice of political life in the Middle East. It examines both theoretically and empirically the ways in which power is gendered and how gender has served as a basis for political organization, the distribution of power, and the boundaries of public life. *Prerequisite:* GOVT-130, WGSS-225, or graduate standing.

GOVT-585 Voting Rights and Election Systems (3) This course explores the development of voting rights with particular emphasis on the development of African-American and Latino efforts to gain access to the ballot and representation in the United States. The approaches that other countries take toward these same issues are also studied. Usually offered every fall.

GOVT-590 Independent Reading Course in Government and Political Science (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

GOVT-603 Ancient Political Thought (3) A consideration of the principles that differentiate pre-modern political thought from modern political thought. Readings include Aristophanes, Plato, and Aristotle. In alternate years, such authors as Thucydides, Xenophon, Cicero, Plutarch, and others are considered selectively. Meets with GOVT-403. Usually offered every fall.

GOVT-605 Modern Political Thought (3) Political science as systematic inquiry. Works of political theorists from Machiavelli to the twentieth century; applications to current questions of theory and method. Meets with GOVT-405. Usually offered every spring.

GOVT-606 American Political Thought (3) Concepts and theories on the nature and operation of American politics and government. Meets with GOVT-406.

GOVT-608 The Idea of America in European Political Thought: 1492-Present (3) From the "discovery" of America until today; this course examines what America has meant to thinkers from the Old World. It includes Columbus' discovery; views of the Indians; the Enlightenment's idealization of America as nature; reactions to the American Revolution; twentieth-century critiques of America as overly technological; and reactions to 9/11. Meets with GOVT-408.

GOVT-609 Contemporary Political Thought (3) This course examines important works in political theory from the late nineteenth/early twentieth century to the present, with a view to the major upheavals that distinguish this era. Themes addressed include Marxism, fascism/totalitarianism, liberalism, conservatism, communitarianism, libertarianism, postmodernism, and others. Meets with GOVT-409. Usually offered every spring.

GOVT-612 Conduct of Inquiry I (3) Concepts, approaches, and methodologies of research in political science and public administration; probability, sampling; quantitative data analysis, including hypothesis testing and estimation; qualitative data analysis and measures of association. Usually offered every fall. *Prerequisite:* admission to PhD program or permission of the director of doctoral programs.

GOVT-613 Conduct of Inquiry II (3) Continuation of GOVT-612. The use of bivariate and multivariate analysis in political and administrative research; analysis of organizational decision models. Usually offered every spring. *Prerequisite:* admission to PhD program or permission of the director of doctoral programs.

GOVT-614 Quantitative Research Designs (3) The use of survey research and case studies for the study of political and administrative behavior. Instruction in the use of the computer as an aid in political and administrative research. Usually offered every spring. *Prerequisite:* admission to PhD program or permission of the director of doctoral programs.

GOVT-615 Research Design (3) A survey of political science research methodologies focusing on qualitative, theoretical, and empirical alternatives to positivistic approaches, based on new philosophies of science such as scientific realism. Includes alternative means of data development, cultural, structural, and functional theories applicable to political research, and theory testing. Usually offered every spring. *Prerequisite:* admission to PhD program or permission of the director of doctoral programs.

GOVT-620 Applied Politics and American Public Policy (3)

Examination of the content and dynamics of American public policymaking, with emphasis on how the domestic policy process functions, how to evaluate policy, and how to assess the different components of various policy domains. Explores the relationship between applied political action and the formation and implementation of public policy. Usually offered every fall. *Prerequisite:* admission to MA in Political Science or MA in Political Communication.

GOVT-623 Advanced Studies in Public Policy (3)

Topics vary by section, may be repeated for credit with different topic. Seminars on such topics as hunger, poverty, housing, education, job training, healthcare, unemployment, welfare, and conservation.

GOVT-628 Proseminar in Political Communication (1)

This introduction to political communication examines the role of communication in politics and the interplay of news, politics, advocacy, and public policy. The course provides students with the opportunity to process, analyze, and discuss current events through a political communication prism. Usually offered every fall. May be taken pass/fail only. *Prerequisite:* admission to the MA in Political Communication.

GOVT-629 Capstone in Political Communication (3)

This seminar is the culmination of the MA in Political Communication and provides support for the required capstone project. This project involves development of an original question, critical thinking, and extensive research and analysis leading to a logical and defensible conclusion and/or recommendations for further study. Usually offered every spring. *Prerequisite:* admission to the MA in Political Communication, completion of the research methods course, and at least 27 credits hours, or permission of instructor.

GOVT-632 Classics of Comparative Politics (3)

This course provides a broad overview of major issues in comparative politics through analysis of the most important scholarship in the field. Includes political economy, political culture, ethnicity and nationalism, democratization, the changing role of the state, and revolutionary and peaceful political change. Usually offered every fall.

GOVT-633 Political Institutions in Comparative Perspective (3)

The study of political institutions including political parties, interest groups, electoral behavior, legislatures and executives. Also examines political economy, neoinstitutionalism, theories of state and society, and formal modeling. Usually offered alternate springs.

GOVT-634 Democratization: Past, Present, Future (3)

This course examines the social, economic, and political conditions that promote democratization, the causes of the recent wave of democratization, the problems of democratic transition and consolidation, and the future prospects for democracy. Includes economic prerequisites, the institutional structures of stable democracies and the challenges from ethnic conflict. Usually offered every third spring. *Prerequisite:* GOVT-632 or GOVT-730.

GOVT-635 Social and Political Movements, Ethnicity and Nationalism (3)

This course examines a range of social and political movements from a comparative perspective. It explores both theoretically and empirically the issues of political change, social movements, the religionization of politics, ethnicity and politics, nationalism, revolution, gender and political change, informal politics, non-state actors, transnational networks and movements, and civil society. Usually offered alternate springs. *Prerequisite:* admission to master's or PhD degree program.

GOVT-636 Formation of Federal Indian Policy (3)

Offered as part of the Washington Internships for Native Students (WINS) program. The development of American Indian/Alaskan Native public policy, starting with an overview of international legal and theological underpinnings from early Colonial to the present time. Includes study of the Constitutional arguments for Congressional plenary power over Indian affairs, and review of the treaty-making, allotment, termination, Reorganization Act, and self-determination eras of Federal Indian policy, concluding with contemporary legislation such as the Indian Gaming Regulatory Act and Indian Child Welfare Act. Usually offered every summer. *Prerequisite:* admission to WINS program.

GOVT-637 Comparative Politics: Regions in Comparative Perspective (3)

Topics vary by section, may be repeated for credit with different topic. Special topics dealing with the former Soviet Union, Western Europe, the Middle East, Africa, China, Japan, and others.

GOVT-638 North American Politics (3)

An introduction to the comparative study of national politics in Canada, Mexico, and the United States, with consideration of national-level policy changes in each country related to the increasing integration of North America, especially since the implementation of the North American Free Trade Agreement (NAFTA). This course considers integration of a unified North American political, economic, and social identity. While focusing mostly on comparing domestic political processes and institutions across the nations, the course concludes with implications for regional integration. Usually offered alternate falls. Meets with GOVT-438.

GOVT-639 Critical Debates in Comparative Politics (3)

This seminar focuses on a set of interrelated themes and discusses debates in the social sciences on the meaning of politics and boundaries of "the political." It examines the ways in which these boundary issues and debates about the locus and expressions of politics are addressed within research paradigms and methodological approaches in the sub-field of comparative politics. The meaning of politics and political contestation differs across societies and it is this difference which comparativists attempt to explain; though the very utility of the concept of difference is challenged on many fronts. In addition; the seminar concentrates on contemporary political phenomena; the conceptual issues which scholars use to explain political change; and new intellectual trends in comparative politics. Usually offered alternate springs. *Prerequisite:* GOVT-632 or SIS-672.

GOVT-650 Political Analysis (3)

Methods of scientific analysis, including research formulation, hypothesis generation and testing, quantitative analysis, and computer techniques. Usually offered every fall.

GOVT-651 The Legislative Process (3) The function of the legislative branch in the American governmental system. Emphasis on Congress and comparison with state legislatures. Usually offered every spring.

GOVT-652 The Presidency and the Executive Branch (3) Analysis of presidential roles and of the function of the federal executive branch. Presidential personality, executive-legislative relations, and policy formation. Usually offered every fall.

GOVT-653 Introduction to Quantitative Methods in Political Science (3) Application of techniques of bivariate analysis to measurement of political behavior; emphasis on techniques relevant for political scientists and students of public administration. Usually offered every fall. *Prerequisite:* GOVT-650.

GOVT-656 Voting Behavior, Elections, and Campaigns (3) Political participation and behavior in U.S. primaries and elections, management of campaigns, mass media, and political organizations.

GOVT-664 Politics and Policy in the Electronic Age (3) This course examines the impact technology, especially the Internet, has on the American political system. Specifically, students evaluate how technology impacts subsystems including interest groups, Congress, and executive agencies. The class focuses on real-world applications of technology in politics through guest speakers and site visits. Usually offered every summer and fall. Meets with GOVT-464.

GOVT-665 Politics and the Internet (3) This course examines the history and evolution of the Internet; its impact on our daily lives; and the various ways in which the Internet has embedded itself into the political landscape. The course also looks at the impact of the Internet on the media and reaching constituents as a two-way medium. Usually offered every summer. Meets with GOVT-465.

GOVT-674 Constitutional Law and Politics (3) Involvement of American courts in such issues as legitimacy, conflict resolution, and representation; courts as political actors with respect to federalism; powers and limitations of government; advancement of individual and group interests and rights.

GOVT-682 Women and Politics (3) This course examines the evolutionary role of women in politics—as voters, citizens, candidates, and leaders—from the Seneca Falls Convention to the present. The role of women’s organizations and movements in the expansion of political and legal rights are also explored. Usually offered every term. Meets with GOVT-482.

GOVT-683 Women, Politics, and Public Policy (3) A wide variety of issues of concern to women, including healthcare, welfare, educational equity, employment discrimination, and reproductive rights are examined through the lens of the formal policy-making process. Meets with GOVT-483.

GOVT-684 Women and Political Leadership (3) This course explores the historical evolution of women as leaders, the factors that have limited the number of women in leadership positions, and the differences in men’s and women’s leadership styles. Meets with GOVT-484.

GOVT-685 Topics in Women and Politics (1-4) Topics vary by section, may be repeated for credit with different topic. Topics include reproductive rights, women’s health policy, women and campaigns, women in the media, and Title IX. Usually offered every term. Meets with GOVT-485.

GOVT-686 Feminist Political Theory (3) This course traces the major debates in feminist political theory and their roots in liberalism, communitarianism, Marxism, post-modernism, and other schools of thought and examines the ways in which feminist political theory can inform current policy debates concerning women. Usually offered every fall. Meets with GOVT-486. *Prerequisite:* one course in political theory, philosophy, or women’s and gender studies, or permission of instructor.

GOVT-689 Seminar in Applied Politics (3) This course provides a conceptual and practical understanding of how Washington works. Through exposure to political practitioners and policy makers, both elected and unelected, who influence legislation, execute decisions, resolve disputes, and help others win electoral office, the seminar provides a direct understanding of applied politics. Students not only improve their skills in evaluating current policy proposals but also increase their factual knowledge of the structures, rules and processes of American politics. Usually offered every term. *Prerequisite:* admission to the Graduate Gateway Program and permission of department.

GOVT-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

GOVT-693 AU-Koc University Exchange (1-9) Topics vary by section, may be repeated for credit with different topic. The course provides an opportunity for students to study abroad at Koc University in Istanbul, Turkey. Usually offered every term. *Note:* Consult SPA graduate program.

GOVT-704 Approaches to Political Understanding (3) Survey and analysis of alternative theories of knowledge in the social sciences. Epistemological norms of modern empiricism. The critique of empiricism. Linguistic analysis, phenomenology, ethnomethodology, hermeneutics, critical theory, structuralism, and post-structuralism. Application to the study of political science and public administration. Usually offered every spring. *Prerequisite:* admission to PhD program or permission of instructor.

GOVT-710 Seminar in American Politics (3) Topics vary by section, may be repeated for credit with different topic. Analysis of the operation of the presidency and the legislative branch and the impact of interest groups and parties on public policy. Topics vary, but the course concentrates on the design of research and critical examination of works in the field. Usually offered every term. *Prerequisite:* admission to PhD program or permission of instructor.

GOVT-720 Seminar in Policy Analysis (3) Topics vary by section, may be repeated for credit with different topic. Analysis of policy formation and implementation; different theories on the role of government in society; the science of program evaluation. Topics vary, but the course concentrates on the design of research and critical examination of works in the field. Usually offered every term. *Prerequisite:* admission to PhD program or permission of instructor.

GOVT-730 Seminar in Comparative Politics (3) Topics vary by section, may be repeated for credit with different topic. Analysis and critique of major theoretical approaches to the study of comparative politics in developed and developing worlds. Historical and theoretical foundations of the nation-state; political issues that arise from social change; and approaches to determining the relative autonomy of state institutions. Usually offered every fall. *Prerequisite:* admission to PhD program.

GOVT-799 Doctoral Dissertation Seminar (1-12)

GOVT-898 Doctoral Continuing Enrollment (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

GOVT-899 Doctoral Dissertation (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

Health and Fitness

Undergraduate Courses

HFIT-100 Beginning Swimming (1) Designed for students who are unable to maintain themselves in deep water. Students overcome the fear of the water and learn to feel at ease in aquatic environments while learning basic swimming skills. Usually offered every spring.

HFIT-101 Intermediate Swimming (1) Instruction in swimming skills and techniques for students interested in perfecting their swimming strokes, endurance, and associated aquatic skills. Usually offered every spring. *Prerequisite:* HFIT-100 or ability to pass beginner's test.

HFIT-120 Beginning Martial Arts (1) Introductory course for the beginner to develop the basic skills of the martial arts. Physical and mental discipline are stressed, as well as self-defense techniques. Flexibility, balance, endurance, and strength are improved. The course prepares the student to advance to the Tae Kwon Do rank of Yellow Belt. Usually offered every term.

HFIT-121 Intermediate Martial Arts (1) Continuation of the development of the martial arts skills. Additional techniques and forms are presented. The course prepares the student to advance to the Tae Kwon Do rank of Green Belt. Usually offered every term. *Prerequisite:* HFIT-120 or permission of instructor.

HFIT-125 Personal Defense (1) Introduction to the basic principles of self-defense. Emphasis is placed on perfecting the basic skills and techniques in protecting oneself. Physical conditioning, strength, and flexibility are attained, along with the understanding of the legal and psychological aspects involved in personal defense. Usually offered every term.

HFIT-130 Walking and Jogging (1) Designed for all levels of walkers and joggers. Enables individuals to design their own programs based upon goals such as cardiovascular conditioning, muscle toning, weight loss, and long-term health. Usually offered every term.

HFIT-140 Beginning Fencing (1) A general overview of the techniques, strategies, and psychology of foil fencing, with an emphasis on the historic perspectives and traditions from a variety of cultures. There is a dual emphasis on developing physical skills and studying the implementation of tactics in situations in the world of fencing. Usually offered every term.

HFIT-150 Beginning Golf (1) Designed for the beginning player. Skill work consists of grip, stance, and swing techniques for putting, short irons, middle irons, and woods. Special emphasis is placed on rules, terminology, and etiquette. Usually offered every term.

HFIT-163 Yoga (1) Through yoga exercise designed for all levels, participants increase flexibility, balance, and strength. Combining physical activity and lectures, students learn breathing and relaxation techniques, proper alignment, stress reduction, and how to heighten physical and mental awareness. Usually offered every term.

HFIT-170 Recreational Activities (1-3) Topics vary by section, may be repeated for credit with different topic. Development of skills, techniques, and knowledge of selected individual, dual, and team activities with emphasis on seasonal sports, including volleyball and soccer.

HFIT-180 Beginning Tennis (1) Designed for beginners who have had little or no playing experience or formal instruction. Students learn the forehand, backhand, serve, volley, history, scoring, rules, and basic strategy. Usually offered every term.

HFIT-181 Intermediate Tennis (1) Designed for the student who can execute the basic strokes and has some playing experience. Instruction includes basic stroke refinement, adding spin to the strokes, and strategy in singles and doubles play. Usually offered every term. *Prerequisite:* HFIT-180 or permission of instructor.

HFIT-193 Aquatic Fitness/Water Aerobics (2) Develops cardiovascular fitness through aquatic activities as an alternative to weight bearing forms of exercise. Emphasis on current theories of exercise physiology in personal conditioning programs. Includes body mechanics, hydrodynamics, program design and water safety. Usually offered every term.

HFIT-195 Principles and Techniques of Weight Training (2) An overview of muscle anatomy, exercise physiology, and biomechanics as they apply to the development of muscle strength. Systems and principles of weight training. Practical experience in strength development through a progressive resistance program. Usually offered every term.

HFIT-197 Group Aerobic Fitness (2) Using aerobic activity to develop and maintain body awareness in five major areas: cardiovascular and muscular endurance, flexibility, muscular strength, and promotion of ideal body composition through activity with music. The goal is the reduction of emotional tension, greater productivity, improved performance, formation of fat-burning enzyme, and a healthier cardiovascular system. Usually offered every term.

HFIT-200 Lifetime Health and Fitness (3) The physiological, sociological, and psychological aspects of fitness and health are introduced. Emphasis is placed on developing self-responsibility for total wellness. Students participate in fitness activities and classroom instruction and discussions. Usually offered every term.

HFIT-205 Introduction to Nutrition FA5 (3) This course addresses basic information about essential nutrients and their functions in the body as well as known and hypothesized relationships between diet and chronic disease. The course also addresses the U.S. government's nutrition guidelines, nutrition myths, food labeling, digestion, and weight management, and enables students to make informed decisions about their nutritional requirements and food choices. Usually offered every term.

HFIT-210 SCUBA (2) A balanced curriculum in skin and SCUBA diving, providing practical skill development in the pool and a thorough grounding in the physics, physiology, technology, and history of sport diving. Usually offered every term. *Note:* Must be taken with HFIT-211 for certification. Students are responsible for cost of personal equipment.

HFIT-211 SCUBA Certification Laboratory (1) Includes five open-water dives in salt and fresh water, additional equipment training, and an introduction to boat as well as shore staging for sport diving. Basic rescue techniques are introduced. The laboratory, in conjunction with the standard course, is sufficient to qualify the student as a certified basic diver under the standards of a nationally recognized certifying organization. Usually offered every term. *Co-requisite:* HFIT-210.

HFIT-230 Cross Training (2) Improvement of cardiovascular and muscular fitness through various aerobic activities. Students develop personal conditioning programs. Classroom discussions include diet theory, circuit training, flexibility, and specificity of exercise. Pre/post fitness assessment tests are administered. Usually offered every term.

HFIT-240 Introduction to Health Promotion (3) An introduction to the professional and academic field of health promotion and disease prevention. Epidemiological investigations of disease patterns and trends in the United States and health promotion efforts in various settings are explored. Emphasis is placed on the roles of lifestyles in determining health outcomes, social determinants of health, and effective strategies to help change health behavior. Usually offered every fall.

HFIT-245 Multicultural Health FA4 (3) Provides basic understanding of gender and cultural issues affecting health. Emphasis is on health disparities and how gender and cultural indicators affect behavioral risk. The relationship between health and other factors such as religion, social class/socioeconomic status, acculturation, migration, and globalization are also studied. Usually offered every fall.

HFIT-250 Strategies in Stress Management (3) The nature and causes of stress, its effect on the human body, and both cognitive behavioral approaches as well as relaxation techniques to control it. The course offers a holistic approach to stress management through a combination of lecture and skill-building activities. Methods include deep breathing, mental imagery, progressive muscular relaxation, muscle massage, art therapy, journal writing, value assessment and clarification, physical exercise, and meditation. Usually offered every term.

HFIT-260 Aerobic Dance-Exercise Instructor's Workshop (2) Designed to enable the student to teach safe, and effective aerobic dance-exercise to multi-level classes and to prepare the student to successfully complete the International Dance-Exercise Association Certification examination. *Prerequisite:* HFIT-197 or permission of instructor.

HFIT-265 Wellness Advocates (3) In this course students develop knowledge in the promotion of healthy lifestyles, stress reduction, and sexual and reproductive health, as well as the prevention of alcohol and drug abuse, eating disorders, and sexual assault. Students learn to plan, implement, and evaluate culturally sensitive and interactive educational health interventions using current models of behavior change. Usually offered every spring.

HFIT-270 First Aid, CPR, and Medical Emergencies (3) Training in first aid and CPR (Cardio-Pulmonary Resuscitation). Determination of the emergency and the course of action for rendering appropriate care. Information on the prevention and care of wounds, application of dressings and bandages, choking procedures, musculoskeletal system injuries, burns, heat and cold injuries, emergency rescue techniques. Certification by the National Safety Council; First Aid Level 3 and CPR/BLS-B. Usually offered every term.

HFIT-273 Care and Prevention of Athletic Injuries (3) Introduction to the field of sports medicine in the areas of injury evaluation, care, rehabilitation, and prevention. Includes emergency procedures, legal issues, taping, use of modalities, nutrition, strength and conditioning, and psychological aspects of sports medicine. Usually offered every spring.

HFIT-280 Sports Psychology (3) Examines the mental and emotional dimensions of human performance. Sport and exercise are the primary focus, but the principles studied encompass the whole of human action. Both theoretical understanding and practical application of the concepts and skills used to enhance performance are emphasized. Usually offered every term.

HFIT-323 Issues in Women's Health (3) Provides basic understanding of gynecologic anatomy and physiology as well as female health conditions. Emphasis placed on current health research areas such as female cancers, menopause, infertility, lesbian health, minority health, sexually transmitted diseases, pregnancy, and sexual dysfunctions. Students develop a personal health plan based upon an extensive family history and personal lifestyle. Usually offered every spring.

HFIT-325 Exercise Physiology (3) Provides a physiological perspective of exercise and other forms of physical activity. Emphasizes the influences of aerobic and anaerobic exercise on the cardiovascular, digestive, neuromuscular, hormonal, and pulmonary physiological systems. Includes fitness assessment, exercise prescription and training programming. Usually offered every fall. *Prerequisite:* BIO-372 and BIO-373, or permission of department.

HFIT-335 Health Promotion Program Planning (3) An introduction to the basic principles of the development, implementation, and evaluation of health promotion programs. This course places particular emphasis on the identification of health and lifestyle risk factors and the interventions associated with appropriate and effective management of these risks. Usually offered every spring. *Prerequisite:* HFIT-240 or permission of department.

HFIT-390 Independent Reading Course (1-6) *Prerequisite:* permission of instructor and department chair.

HFIT-410 Health Promotion Management (3) Introduction to the advanced skills and theories necessary for effective management of health promotion programs. Provides the student with advanced knowledge of the analytical tools and strategies utilized in supervising personnel, facility and program management, marketing and other related management functions. Usually offered every fall. *Prerequisite:* HFIT-335 or permission of department.

HFIT-488 Senior Seminar (3) Provides senior health promotion majors with an opportunity to pursue and closely examine health promotion programs and policies nationally and internationally. It encompasses theoretical analysis of health issues as well as discussions on alternative approaches for health promotion programming. Includes issues related to leadership, communication skills, critical thinking, and writing. Usually offered every spring. *Prerequisite:* major in Health Promotion or permission of the department.

HFIT-490 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

HFIT-491 Internship in Health Promotion (1-6) Internships with employee fitness programs, fitness centers, non-profit organizations, or health and fitness organizations emphasizing clinical, educational, or promotional aspects of health promotion. *Prerequisite:* permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

HFIT-510 Applied Human Physiology and Testing I (4) Explores in detail the theoretical basis for exercise physiology. Emphasis is on changes occurring in body systems as a result of exercise and training. Includes physiological testing such as body composition, graded exercise tests, and blood pressure. Usually offered every fall. *Prerequisite:* HFIT-325 or equivalent, and permission of department.

HFIT-515 Applied Human Physiology and Testing II (3) Introduction to methods of physical fitness assessment and evaluation of results. Includes familiarization with treadmill tests, hydrostatic weighing, EKGs, and selected health status appraisal tools and techniques. Usually offered alternate springs. *Prerequisite:* HFIT-510 and permission of department.

HFIT-525 Health in the School Environment (3) Examines the promotion of healthy behaviors and beliefs in the K-12 school setting based on the Center for Disease Control's Division of Adolescent and School Health coordinated school health program model. *Prerequisite:* permission of department.

HFIT-530 Sports Nutrition (3) This course allows students to translate theory into practice and to relate content to fitness and sports. Included are topics on weight and body composition, eating disorders, and nutrition guidelines. Students gain a comprehensive knowledge of nutrition for use in complementary fields focusing on sport and exercise. *Prerequisite:* permission of department.

HFIT-535 Global Nutrition (3) This course surveys the nature and scope of leading nutritional issues and problems throughout the world, with an emphasis on developing countries. It includes consideration of specific nutrient deficiencies, as well as nutrition-related aspects of infectious and chronic disease with an emphasis on the nutrition transition. *Prerequisite:* permission of department.

HFIT-540 Health Communication (3) This course addresses distinct forms of delivering health promotion messages to consumers, professionals, and large groups through various communication methods and social marketing. The course is divided into three modules, covering health coaching, mass health communication, and consumer health writing and public speaking. Students have the opportunity to coach individuals, advocate for a health issue on Capitol Hill, or give a presentation on a health-related topic. Usually offered every fall. *Prerequisite:* permission of department.

HFIT-550 Programming for Health Promotion (3) Introduces students to advanced principles in program planning for health promotion activities. Emphasis on the use of theories for the identification of health and lifestyle risk factors, including the development, implementation, and evaluation of programs to effectively reduce the risk factors associated with chronic disease. Usually offered every spring.

HFIT-555 Research Methodology (3) Provides students in the health promotion management program with a comprehensive understanding of the concepts and methodology that are essential for quality research. Usually offered every spring. *Prerequisite:* HFIT-565.

HFIT-560 Health Promotion in Healthcare (3) This course provides an overview of the healthcare system in the United States and the emerging role of health promotion in enhancing health. Includes the different types of health promotion activities offered, clinical and theoretical foundations for initiating health promotion activities, and trends of health promotion strategies in managed care organizations. Students develop working models for the integration of health promotion programs into the existing system. Usually offered every summer. *Prerequisite:* permission of instructor.

HFIT-565 Assessment and Evaluation of Health Fitness Parameters (3) An in-depth review of validity, reliability, and objectivity as they relate to measurement techniques in health promotion programs. The primary focus is on the use and analysis of assessment instruments used to determine health risks and an understanding of epidemiological and evaluation concepts in health and fitness. Usually offered every fall. *Prerequisite:* admission to BS or MS health promotion program or permission of department.

HFIT-570 Strategies for Weight Control (3) This course is designed to address the strategies used to assist in reversing the obesity epidemic. Students gain an understanding of the trends of obesity, risk factors associated with being overweight, and chronic disease patterns. Further, strategies of proper weight management are explored on an individual and societal level, looking at current diet trends and evaluating their health implications. Usually offered every summer.

HFIT-575 Global Health (3) This course examines health issues around the globe such as disease rates, maternal and child health, violence, nutrition, and health care systems. Includes existing strategies in specific countries, new strategies for advancing the idea of health promotion, and the role of the United States in influencing planning for effective health promotion. Usually offered every fall.

HFIT-580 Health Policy and Behavior Change (3) This course explores the impact of politics and health policy on our health care system, preventative care, and health behaviors associated with chronic disease. It examines policy initiatives that affect health promoting behaviors and strategies for influencing political process. Systematic policy analysis of topics such as tobacco use, dietary choices, seat belt usage, and sedentary behavior are discussed. Usually offered alternate falls.

HFIT-585 Global Health Policy (3) This course presents an historical foundation for global health policies, the processes of systematic policy formation and analysis, and the relationship between global health policies and social and economic development. Major bodies of influence, such as the World Health Organization and the Pan-American Health Organization, and their role in forming and enforcing international health policies. The role of state, local, and federal governments and other forms of political and social governance are discussed, as well as cultural health issues and barriers to policy development and enforcement. Usually offered every spring.

HFIT-590 Independent Reading Course (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

HFIT-610 Life Cycle Nutrition (3) This course explores the role of nutrition through the entire life span. Beginning with conception, pregnancy, early childhood feeding, adolescence, adulthood, and the elderly, each life cycle is discussed with an understanding of the physiological changes and their implications for nutritional factors. Special emphasis is placed on using this information in nutritional education programming. Usually offered every fall. *Prerequisite:* HFIT-645.

HFIT-618 Strategic Planning in Health Promotion (3) Provides exposure to the management concepts and requirements of planning and developing health promotion programs. Students gain a working knowledge of the analytical tools and strategies used in the development of successful health promotion programs in both the profit and nonprofit sectors. Usually offered every spring. *Prerequisite:* permission of department.

HFIT-620 Critical Issues (3) This course examines current literature on physical fitness, coronary risk factors, nutrition, smoking, and other issues related to health and fitness. Includes a survey of various organizations and current resources for health information. Usually offered every fall. *Prerequisite:* admission to MS in Health Promotion Management or permission of department.

HFIT-625 Nutrition Epidemiology and Research Methods (3) In this course students learn how to design, implement, and analyze studies involving nutrition-disease associations. Research methods and their challenges are assessed in relation to epidemiology, focusing specifically on food and nutrition.

HFIT-630 Nutrition Education Methods I (3) (fall 2013: Nutrition Education Methods) In this course students explore the current status of nutrition and nutrition education, specifically in the United States, and identify the factors that influence nutrition status. Students learn to perform a needs assessment, and design and implement educational strategies. Usually offered every fall. *Prerequisite:* HFIT-570 or HFIT-645.

HFIT-640 Nutrition Education Methods II (3) This course follows HFIT-630 in a sequence that develops knowledge and understanding of effective instruction in nutrition education. The course focuses on the development of instructional methodologies, content area knowledge used to understand assessment, and evaluation in a number of settings. *Prerequisite:* HFIT-630.

HFIT-645 Nutrition for Health (3) The role of nutrition in maintaining health and physical fitness is studied in relation to the responsibilities and opportunities of the manager of health fitness programs. Current food myths, diets for those in athletic programs, and special needs of overweight and underweight clients are included. Usually offered every term. *Prerequisite:* permission of department.

HFIT-650 Behavior Change in Health Promotion (3) This course provides students with an overview of the theory and application for assisting individuals and groups change lifestyle behaviors related to health promotion. Includes cognitive behavior techniques changing lifestyle behaviors such as smoking, obesity, stress, or diet for the reduction of chronic disease risk. Student deepen their understanding of select theories and practices necessary for effective health behavior change. Usually offered every summer.

HFIT-655 Vitamins and Minerals (3) This course explores the role of vitamins and minerals in maintaining cellular health through biochemical and physiological mechanisms. The course provides an in-depth view of specific vitamin and minerals as well as effective ways to translate this information towards efforts for prevention of chronic disease. *Prerequisite:* HFIT-645.

HFIT-660 Multicultural Health (3) Investigates gender and culture issues affecting health, with emphasis on health disparities and how gender and cultural indicators affect behavioral risk. The relationship between health and other factors such as religion, social class/socioeconomic status, acculturation, migration, and globalization is also studied.

HFIT-682 In-Service Training (3-6) Internships with employee fitness programs, fitness centers, or health and fitness organization; may emphasize managerial, clinical, educational, or promotional aspects of health fitness management. Usually offered every term. *Prerequisite:* admission to MS in Health Promotion Management.

HFIT-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

HFIT-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

HFIT-797 Master's Thesis Research (1-6) May be taken SP/UP only. *Prerequisite:* admission to MS in Health Promotion Management.

History

Undergraduate Courses

HIST-100 History, Memory, and the Changeable Past FA2 (3)

This course explores how families, communities, and nations construct memories into a sense of shared history. Drawing upon sources such as novels, memoirs, and visual images, it compares these memory-building processes with the methods of professional historians. The course demonstrates how different perspectives of an event can create radically different historical understandings. Usually offered every spring.

HIST-110 Renaissance and Revolutions: Europe, 1400-1815 FA2 (3)

Explores transformations in the culture, society, politics, and intellectual life of early modern Europe, such as the Italian Renaissance, the print revolution, the Reformation, European expansionism, New World slavery, the Scientific Revolution, the Enlightenment and the French Revolution. Usually offered every term.

HIST-120 Imperialism in History FA3 (3)

This course traces the history of modern imperialism and resistance to it. It includes the nature of colonial rule, the rise of modern nationalism and post colonial states, and the political, social, religious, cultural, demographic, environmental, economic, and intellectual revolutions that produced and were produced by the rise of modern empires. Usually offered every term.

HIST-130 History of American Popular Culture (3)

This course explores the origins and cultural politics of American popular culture from the rise of commercial entertainment in the nineteenth century through the 1990s. Course readings introduce students to the cultural history of minstrelsy, circuses, film, radio, and television as commodities and as expressions of identity and community affiliation. Close attention is paid to key theoretical issues, including how popular culture has informed ideas about race and national identity over time, with consideration of how American popular forms have been increasingly created and deployed by corporations for commercial profit, but also used and often recreated by audiences. Finally, the course explores the global dimensions of American popular culture and questions of authenticity, imperialism, and globalization. The course requires intensive reading in history and cultural studies and active class participation. Usually offered every fall.

HIST-140 Modern European History: 1750 to Present FA2 (3)

A history of Europe from 1750 to the present, emphasizing the development of new political traditions and social structures, the establishment of new forms of international organization, the transformation of work, changes in the lived environment, and the evolution of understandings of the self. Usually offered every fall.

HIST-202 The Ancient World: Greece (3)

A political and cultural history of Ancient Greece from the Bronze Age to the Hellenistic period. Readings are drawn primarily from primary sources but some consideration is given to modern interpretations of key events such as the Peloponnesian Wars. Usually offered every fall.

HIST-203 The Ancient World: Rome (3)

A political and social history of the ancient Roman world from c. 1000 BC to c. 476 CE. Lectures focus on the political events of the Republic and the Empire that succeeded it, while readings cover a broad range of social issues from the family and society to education and religion. Usually offered every spring.

HIST-204 Medieval Europe (3)

Exploration of the medieval world-view and consideration of the organization of economic and political institutions, the relationship of secular and ecclesiastical authority, and the creation of new social and religious ideals during the millennium that bridges antiquity and modernity. Usually offered alternate springs.

HIST-205 American Encounters: 1492-1865 FA2 (3)

The history of the United States to 1865: the expansion and transplantation of European civilization; the Native American response; the sectional contest over slavery; the birth of the American feminist movement; and the beginnings of the industrial revolution. Usually offered every term.

HIST-206 U.S. History since 1865 (3)

This introductory course covers American history from the end of the Civil War. Topics include the modernization of America, the United States and international affairs, the growing cultural diversity of the American people, and challenges to traditional ideologies and political solutions.

HIST-208 African-American History: to 1877 (3)

This course covers the Atlantic slave trade, the African presence in Colonial America, the American Revolution, nineteenth-century American slavery, the Underground Railroad, the Civil War, and Reconstruction. The course utilizes historical eyewitness accounts, maps, and popular culture to explore the arrival and historical journey of Africans from the Colonial and Revolutionary eras through the Civil War and Reconstruction. Usually offered every fall.

HIST-209 African-American History: 1877 to Present (3)

Beginning with a brief review of the Civil War and Reconstruction, this survey chronicles the history of African-Americans to the present time. The course uses historical and literary texts and makes use of cultural resources such as films, recordings, art works, and museum exhibitions to explore the richness of this legacy and its impact on the development of American culture and history. Usually offered every spring.

HIST-210 Ethnicity in America FA4 (3)

Explores how ethnicity has shaped American institutions and behavior patterns from 1607 to the present. Largely a nation of immigrants, this country reflects the racial, religious, and national characteristics of those who migrated here, whether voluntarily or as slaves. Includes ethnicity's influence on family, politics, civil rights, and foreign policy. Usually offered every spring.

HIST-214 History of the World Regions (3)

Topics vary by section, may be repeated for credit with different topic. Rotating topics offered through various AU Abroad programs focus on sophisticated analyses of historical developments of a specific region and/or time period.

HIST-215 Social Forces that Shaped America FA2 (3) The history of race, class, and gender in the United States from the late nineteenth century to the present. The focus is on how these forces existed and continue to exist as intersecting material realities and contributors to the social attitudes held by residents of the United States. Usually offered every term.

HIST-219 Women in America to 1850 (3) Traces the history of women in America from the sixteenth through the mid-nineteenth century, concentrating on the lived experiences of women as well as on the changing definitions, perceptions, and uses of gender. Particular attention is paid to race, ethnicity, and class, as well as to regional cultures. Additional themes include family, work, and religion. Usually offered alternate falls.

HIST-220 Women in America since 1850 FA4 (3) Incorporating a multidisciplinary perspective and both primary and secondary readings, this course examines change and continuity in the experience of American women from the mid-nineteenth century to the present. Focuses on social and political movements of special concern to women, including suffrage, birth control, women's liberation, and contemporary antifeminism. Usually offered every spring.

HIST-221 History of Britain I (3) Political, social, and cultural development in Britain to 1689. Parliament, common law, civil war, plague, rebellion, concepts of kingship, and the conflict of church and state. Usually offered every fall.

HIST-222 History of Britain II (3) This course examines phenomena that have defined Britain's place in the world, such as the ascension of parliament, the industrial revolution, and the growth of empire, to understand what is unique about Britain and which elements of the British historical experience are more broadly shared. Usually offered every spring.

HIST-225 Russia and the Origins of Contemporary Eurasia FA3 (3) This course provides an overview and introduction to the history of empires, nations, and states in the Eurasian plain, from the origins of Rus' over a thousand years ago to the present day, as well as the various ethnic, national, and religious groups of the region.

HIST-231 The Russian Empire, 1650-1917 (3) This course examines the history of the Romanov dynasty and the Russian Empire focusing on understanding the structures of the diverse society that made up the empire, the growth and modernization of the empire, and the tensions within the system which led to its collapse. Readings include historical narratives, documents, and novels.

HIST-232 The Soviet Union (3) This course treats the history of the Soviet Union (1917-1991), seeking to explain how this civilization arose, survived, and ultimately fell, with particular attention to the history of communism as an idea. Readings help give a sense of both the aspirations and sufferings of its citizens.

HIST-235 The West in Crisis, 1900-1945 FA2 (3) This course examines the great crises of the first half of the twentieth century, including the two world wars, the global great depression, and communist and fascist revolutions and dictatorships. Usually offered every spring.

HIST-239 Topics in European History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include national histories, nineteenth-century Europe, and Europe and colonialism.

HIST-241 Colonial Latin America (3) Conquest and change in Indian civilization; imperial politics; race and class; Indian labor and the Black legend; imperial economic relations; imperial reform and revolution. Usually offered every fall.

HIST-242 Latin America since Independence (3) Problems in creating nations; militarism, dictatorship, and democracy; sources of underdevelopment; reform and revolution in the twentieth century. Usually offered every spring.

HIST-245 Modern Jewish Civilization (3) Surveys Jewish responses to the challenges of modernity. Examines the creation of new Jewish communities in America and Israel, shifts in Jewish political status, and innovations in Jewish religious and intellectual history such as Zionism and Hasidism. Usually offered every spring.

HIST-248 Introduction to Middle Eastern History (3) The Middle East escapes any single definition; it has no readily-defined geographic, ethnic, religious, or political boundaries. This course surveys the historical experiences, institutions, and events that have connected the region's diverse peoples from the rise of Islam to the present. Usually offered every fall.

HIST-250 Empires and States in East Asia FA3 (3) This course examines the origins and history of multiple imperial traditions throughout East Asian history, including ancient China (origins to 221 B.C.); Chinese empires (221 B.C. to 1912); the Japanese empire (1895-1945); and modern East Asia (1600-present).

HIST-288 Oliver Stone's America (3) Director Oliver Stone's influence on popular views of recent U.S. history has raised important questions about artistic license, the nature and uses of historical evidence, and the shaping of popular historical consciousness. This course addresses these issues while assessing both scholarly opinion and popular beliefs about the Kennedy assassination, the Vietnam War and antiwar movement, the 1960s counterculture, Watergate, U.S. policy in Central America, the 1980s capitalistic culture, and 9/11 and the presidency of George W. Bush. Usually offered every fall.

HIST-299 Conversations in History (3) Topics vary by section. This intensive seminar introduces majors to the study of history. By delving into a topic, students learn various approaches to the study of history that have evolved over time, as well as the mechanics of writing history. Usually offered every term. *Prerequisite:* history major or permission of instructor.

HIST-305 Topics in Race and Ethnicity in the United States (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include Latinos and Latinas in United States history; Native American history; and Asian American history.

HIST-314 History of the World Regions (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics offered through various AU Abroad programs focus on sophisticated analyses of historical developments of a specific region and/or time period and an in-depth exploration of the historical, cultural, and social contexts of the region or time period discussed.

402 Course Descriptions

HIST-322 History of Britain: 1815-Present (3) Offered as part of the AU Abroad London program, this course examines the key political, social, and cultural developments of Great Britain over the past two hundred years, from war with France and world-wide imperial expansion to the present with Britain as a medium-sized state torn between allegiance to its former colonies, America, and the expanding European Union.

HIST-327 Twentieth Century Europe (3) In this century Europe has experienced two major wars, a wave of communist revolution, a violent reaction in the form of fascism, and the horror of mass extermination. Yet Europe today is quite prosperous, and there are better links between the Western countries and their communist counterparts than could have been imagined two decades ago. There is something in Europe's past that gives it a certain resilience. Usually offered alternate years.

HIST-344 Topics in Jewish History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in Jewish history exploring one theme, or period, or geographical region of the Jewish past, including the history of women in Jewish tradition, East European Jewry, the world of the shtetl, American Jewish women, and anti-Semitism.

HIST-390 Independent Reading Course in History (1-6) *Prerequisite:* permission of instructor and department chair.

HIST-411 Atlantic World Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include ideas of science and faith, exchange of goods and scientific knowledge, diasporas, and comparative slavery. Some background in European and U.S. history is recommended. Meets with HIST-611.

HIST-412 Studies in European History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include women and gender, European thought and ideologies, nineteenth-century revolutions, development of the social sciences, Eastern and Central Europe of the nineteenth and twentieth centuries, modern Germany, the Republic of Letters, and media and mass culture. Some background in European history is recommended. Meets with HIST-612.

HIST-418 Nazi Germany (3) The political, social, and economic conditions that made it possible for Hitler to take power. The nature of Nazi rule. Emphasis on World War II and the Holocaust. Meets with HIST-618. Usually offered every spring.

HIST-419 Holocaust (3) Traces the history of anti-Semitism and the development of racism that led to the Holocaust. Examines the historical development of the Final Solution. Considers the variety of responses to Jewish persecution by the Nazi perpetrators, the Jews, and the nations of the world. Meets with HIST-619. Usually offered every fall.

HIST-437 British Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including Hanoverian England, Victorian England, Edwardian England, the British Empire, the British working class, and popular culture in modern Britain. Meets with HIST-637.

HIST-438 French History since 1789 (3) Covers the major issues and problems in the history of modern France. With an emphasis on social and cultural history, it treats subjects such as the revolutionary tradition in France, nationalism, peasant life, worker culture, domesticity and family life, urbanism, empire, the World Wars, consumerism, and Americanization. Course materials include memoirs, novels, and films. Meets with HIST-638. Usually offered alternate springs.

HIST-440 Latin American Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including the diplomatic history of Latin America, Latin American intellectual history, and Latin American feminisms. Meets with HIST-640.

HIST-443 History of Israel (3) Traces the development of modern political Zionism in nineteenth-century Europe; the historical background leading to the establishment of the State of Israel in 1948; and the history of Israel since then, including patterns of Jewish immigration and its relationship to the Arab world. Meets with HIST-643. Usually offered every fall.

HIST-445 Russian Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including Russian intellectual history, World War I and the end of empires, the Russian Revolution, and Russian film history. Meets with HIST-645.

HIST-447 Asian Studies (3) Topics vary by section, may be repeated for credit with different topic. Topical courses in Asian history including modern China, late imperial China, the Japanese empire, modern Eurasian frontiers, and other topics in Chinese, Japanese, and inner Asian history. Meets with HIST-647.

HIST-448 American Culture in the Nuclear Age: Living with the Bomb (3) Examines the evolution of American culture in the nuclear age, with particular emphasis on the ways in which the threat of nuclear war and annihilation have shaped American thought and behavior. Central to this study is an exploration of the history of the nuclear arms race in the context of the politics, culture, and diplomacy of the Cold War. Meets with HIST-648. Usually offered every summer and alternate falls.

HIST-449 Topics in U.S. History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include labor and workers, espionage and national security, radical tradition, political movements, science and technologies, film and history, and families and childhood. Some background in U.S. history is recommended. Meets with HIST-649.

HIST-450 Colonial America: 1492 to 1763 (3) The founding and development of England's North American colonies, emphasizing the original impulses and methods of colonization; Indian peoples and conflict; non-English immigration; the genesis and African background of the slave trade and slavery; and the creation of a dominant English culture in an ethnically and racially diverse society. Meets with HIST-650. Usually offered alternate years.

HIST-451 Era of the Revolution and Constitution (3) The political and social history of the American Revolution, emphasizing the genesis of the revolutionary conflict, the revolution as a "republican revolution," the revolution's ideological and social results and their effect abroad, and the formation of the Constitution. Meets with HIST-651. Usually offered alternate years.

HIST-452 The Era of the New Republic, 1789-1850 (3) The new republic's political consolidation during its first critical decades; its physical, economic, and political transformation by continental expansion; the transportation and industrial revolutions and the creation of a mass democracy; and the first confrontations over slavery in 1832-33 and 1848-50. Meets with HIST-652. Usually offered alternate years.

HIST-453 Civil War and Reconstruction (3) Chronological coverage from the Compromise of 1850 to the final withdrawal of federal troops from the South in 1877. Includes antebellum reform, sectional conflict, black slavery, secession, and postwar racial and political problems. Political and social issues are emphasized, rather than a narrative of battles and skirmishes. Meets with HIST-653. Usually offered alternate years.

HIST-454 The South since Reconstruction (3) The theme is the South's struggle with the issues of integration, separation, and self-definition since the Civil War. Reconstruction and redemption, race relations, violence, the rise and fall of the "Solid South," and the "New South" of Jimmy Carter. Meets with HIST-654. Usually offered alternate years.

HIST-455 Emergence of Modern America, 1877-1920 (3) The course considers themes in the modernization of America: the rise of corporations and cities, the influx of immigrants from southern and eastern Europe, and the advent of the new diplomacy and imperialism. Also studies populism and progressivism. Meets with HIST-655. Usually offered alternate years.

HIST-456 Twentieth Century America (3) Life in the twentieth century is different from all other periods of our past. To understand why requires an examination of the explosion of science and technology, the growth of government, America's increasing involvement in the world, the multiplication of protest and liberation movements, the new politics, and neo-Keynesian economics. Meets with HIST-656.

HIST-457 America between the Wars, 1919-1941 (3) Following a decade of stability and prosperity, the dislocations caused by the Great Depression disrupted the lives and shook the institutions of the American people, leading to unprecedented political and cultural experimentation. Emphasizing both the contrasts and continuities between the 1920s and 1930s, the course investigates the patterns of political, social, cultural, economic, and intellectual life during the interwar period, with special emphasis on the tensions between radical and conservative tendencies. Meets with HIST-657.

HIST-459 Topics in Women's, Gender, and Sexuality History (3) Topics vary by section, may be repeated for credit with different topic. Examines the changing definitions, perceptions, and uses of gender and sexuality in U.S. history. Rotating topics include women's suffrage, images of masculinity, and gay rights. Based on the assumption that gender and sexuality are historically-specific cultural constructs, special attention is paid to their intersection with race, class, and ethnicity. Meets with HIST-659. Usually offered alternate falls.

HIST-460 U.S. Foreign Relations, 1774-1918 (3) The history of United States diplomacy (and other forms of international relations) from the Revolution to World War I. Focus on policymaking and makers; on long-term issues such as unilateralism, imperialism, and neutrality; and on economics and ideology. Meets with HIST-660. Usually offered alternate falls.

HIST-461 U.S. Foreign Relations since 1918 (3) The history of United States diplomacy (and other forms of international relations) since the onset of World War I. Focus on policymaking and makers; on such long-term issues as isolationism, go-it-alone unilateralism, and interventionism; on ideology, economics, and related domestic politics; and on growing U.S. attention to military and national security matters. Meets with HIST-661. Usually offered every spring.

HIST-462 America and the Cold War (3) Focusing on the years 1945-1989, this course explores the international and domestic origins of the Cold War, its impact on American politics and culture, the rise of the national security state, and crises such as the Korean war, the Cuban missile crisis, and Vietnam. Meets with HIST-662.

HIST-464 U.S. Presidential Elections (3) This course reinterprets U.S. history from the perspective of the nation's quadrennial contests for national leadership. It shows how presidential elections both reflect and influence major trends and episodes of the American past. The course combines narrative history with political and economic models to present a comprehensive theory of American presidential elections. A portion of the course focuses on the current election cycle, with guest speakers contributing information and adding to analysis. Meets with HIST-664. Usually offered alternate falls.

HIST-467 Oral History (3) This course presents the theory, practice, legal and ethical issues, and uses of oral history. Through field work, students gain interviewing, transcription, and analysis skills and studies the advantages and limitations of oral history as source material. Reading and case histories are drawn from modern U.S. history. Meets with HIST-667. Usually offered every fall.

HIST-468 Topics in Public History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include history and public policy, media and history, regional and local histories, and historic sites. Some background in U.S. history is recommended. Meets with HIST-668.

HIST-469 History of Medicine in the United States: from Smallpox to AIDS (3) Health, disease, and medicine's role in American society and culture with a special focus on health dangers posed by industrialization, urbanization, and immigration. Disease and its social construction have been an important dimension of American culture and definitions of health and disease are important barometers of who we are as a people. Epidemics (including AIDS), the hospital, ethnicity, race, urban health care, controversies in medical ethics, and medical discoveries. Meets with HIST-669. Usually offered alternate springs.

HIST-470 Visual and Material Culture (3) This course combines two interdisciplinary and often overlapping areas of study for examination by students of history: material and visual cultural studies. The course introduces students to historiography and cultural theory in both fields and examines methodologies for using visual and material sources to study American cultural and social history. Meets with HIST-670. Usually offered alternate springs.

404 Course Descriptions

HIST-471 Ideology, Culture, and American Politics (3) How have American political leaders justified their objectives? How have popular beliefs and attitudes been reflected in the American political system? This course, concentrating on the twentieth century, explores the relationship between American political life on the one hand and ideas and popular persuasions on the other. Meets with HIST-671.

HIST-473 American Jewish History (3) Today American Jewry constitutes the preeminent Diaspora Jewish community. This course traces its historical development by examining the waves of Jewish immigration to the United States and the institutions that American Jews created to sustain their community. Meets with HIST-673. Usually offered alternate springs.

HIST-476 U.S. Environmental History (3) Environmental history introduces nature, including plants, animals, climate, weather, and soil, as a central aspect of its analysis. This course examines the role nature plays in North America's history from the breakup of Pangaea to the rise of the American lawn. The course further explores how humans have reshaped the continent's ecosystems over time. Meets with HIST-676. Usually offered alternate falls.

HIST-477 History and New Media (3) This course explores the impact of new information technologies on historical practices, focusing on research, teaching, presentations of historical materials, and changes in professional organization and discourse. Some background in U.S. history is recommended. Meets with HIST-677. Usually offered every spring.

HIST-478 Civil War Institute (3) This week-long summer program introduces participants to the key causes and consequences of the war by exploring its remnants and remembrances in the Washington, D.C. area. The intensive program combines morning presentations and discussions with afternoon field trips. Sites include Harper's Ferry, Antietam, Arlington National Cemetery, Sherman and Grant Memorials, Howard University, Fort Stevens, Frederick Douglass Home, Ford's Theater, and a full-day trip to Richmond. Meets with HIST-678. Usually offered every summer.

HIST-479 Topics in African American History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include American slavery, African American women, the civil rights movement, and race relations in the United States. Some background in U.S. history is recommended. Meets with HIST-679.

HIST-480 Senior Thesis in History I (3) Methods and materials of historical research and writing. Students design and outline research subjects based in part on the use of primary sources. Usually offered every fall. *Prerequisite:* HIST-299 and senior standing with minimum 3.3 GPA.

HIST-481 Senior Thesis in History II (3) Continuation of HIST-480. Completion of senior thesis based in part on the use of primary sources. Usually offered every spring. *Prerequisite:* HIST-480 and senior standing with minimum 3.3 GPA.

HIST-482 Research Seminar (3) Topics vary by section. This seminar introduces students to a field of research not limited geographically, for example, military history, gender history, revolutions, etc. Students complete a series of common readings and then design, outline, research, and write their own historical research papers on a topic of their choice relating to the course theme. Papers are built on primary sources and engage the historiographical questions most relevant to the topic. Usually offered every term. *Prerequisite:* HIST-299.

HIST-485 Hiroshima, Nagasaki, and Beyond (3) Summer study trip to Japan in conjunction with the Nuclear Studies Institute. Focuses on Japanese wartime aggression, the human devastation wrought by the atomic bombings, current Japanese and international efforts to eliminate nuclear weapons, and the building of closer ties between the people of the United States and Japan. Participants hear first-hand accounts of atomic bomb survivors and Asian victims of Japanese atrocities, visit sites of historical and cultural significance, and attend commemorative events. Meets with HIST-685. Usually offered every summer.

HIST-490 Independent Study Project in History (1-6) *Prerequisite:* permission of instructor and department chair.

HIST-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

HIST-078 Civil War Institute (0) Noncredit option. This week-long summer program introduces participants to the key causes and consequences of the war by exploring its remnants and remembrances in the Washington, D.C. area. The intensive program combines morning presentations and discussions with afternoon field trips. Sites include Harper's Ferry, Antietam, Arlington National Cemetery, Sherman and Grant Memorials, Howard University, Fort Stevens, Frederick Douglass Home, Ford's Theater, and a full-day trip to Richmond. Meets with HIST-478/678. Usually offered every summer.

HIST-085 Hiroshima, Nagasaki, and Beyond (0) Noncredit option. Summer study trip to Japan in conjunction with the Nuclear Studies Institute. Focuses on Japanese wartime aggression, the human devastation wrought by the atomic bombings, current Japanese and international efforts to eliminate nuclear weapons, and the building of closer ties between the people of the United States and Japan. Participants hear first-hand accounts of atomic bomb survivors and Asian victims of Japanese atrocities, visit sites of historical and cultural significance, and attend commemorative events. Meets with HIST-485/685. Usually offered every summer.

HIST-500 Studies in History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in early modern European history, European colonialism in the Caribbean, nineteenth and twentieth century European studies, Russian and Soviet studies, American political, social, and cultural studies, and American diplomatic and military studies. Usually offered every term.

HIST-590 Independent Reading Course in History (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

Note: When 400-level and 600-level courses meet together, registration at the 600-level requires graduate-level assignments and higher expectations regarding performance.

HIST-611 Atlantic World Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include interpretations of the new world, ideas of science and faith, exchange of goods and scientific knowledge, diasporas, and comparative slavery. Some background in European and U.S. history is recommended. Meets with HIST-411.

HIST-612 Studies in European History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include women and gender, European thought and ideologies, nineteenth-century revolutions, development of the social sciences, Eastern and Central Europe of the nineteenth and twentieth centuries, modern Germany, the Republic of Letters, and media and mass culture. Some background in European history is recommended. Meets with HIST-412.

HIST-618 Nazi Germany (3) The political, social, and economic conditions that made it possible for Hitler to take power. The nature of Nazi rule. Emphasis on World War II and the Holocaust. Meets with HIST-418. Usually offered every spring.

HIST-619 Holocaust (3) Traces the history of anti-Semitism and the development of racism that led to the Holocaust. Examines the historical development of the Final Solution. Considers the variety of responses to Jewish persecution by the Nazi perpetrators, the Jews, and the nations of the world. Meets with HIST-419. Usually offered every fall.

HIST-637 British Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including Hanoverian England, Victorian England, Edwardian England, the British Empire, the British working class, and popular culture in modern Britain. Meets with HIST-437.

HIST-638 French History since 1789 (3) Covers the major issues and problems in the history of modern France. With an emphasis on social and cultural history, it treats subjects such as the revolutionary tradition in France, nationalism, peasant life, worker culture, domesticity and family life, urbanism, empire, the World Wars, consumerism, and Americanization. Course materials include memoirs, novels, and films. Meets with HIST-438. Usually offered alternate springs.

HIST-640 Latin American Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics, including the diplomatic history of Latin America, Latin American intellectual history, and Latin American feminisms. Meets with HIST-440.

HIST-643 History of Israel (3) Traces the development of modern political Zionism in nineteenth-century Europe; the historical background leading to the establishment of the State of Israel in 1948; and the history of Israel since then, including patterns of Jewish immigration and its relationship to the Arab world. Meets with HIST-443. Usually offered every fall.

HIST-645 Russian Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including Russian intellectual history, World War I and the end of empires, the Russian Revolution, and Russian film history. Meets with HIST-445.

HIST-647 Asian Studies (3) Topics vary by section, may be repeated for credit with different topic. Topical courses in Asian history including modern China, late imperial China, the Japanese empire, modern Eurasian frontiers, and other topics in Chinese, Japanese, and inner Asian history. Meets with HIST-447.

HIST-648 American Culture in the Nuclear Age: Living with the Bomb (3) Examines the evolution of American culture in the nuclear age, with particular emphasis on the ways in which the threat of nuclear war and annihilation have shaped American thought and behavior. Central to this study is an exploration of the history of the nuclear arms race in the context of the politics, culture, and diplomacy of the Cold War. Meets with HIST-448. Usually offered every summer and alternate falls.

HIST-649 Topics in U.S. History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include labor and workers, espionage and national security, radical tradition, political movements, science and technologies, film and history, and families and childhood. Some background in U.S. history is recommended. Meets with HIST-449.

HIST-650 Colonial America: 1492 to 1763 (3) The founding and development of England's North American colonies, emphasizing the original impulses and methods of colonization; Indian peoples and conflict; non-English immigration; the genesis and African background of the slave trade and slavery; and the creation of a dominant English culture in an ethnically and racially diverse society. Meets with HIST-450. Usually offered alternate years.

HIST-651 Era of the Revolution and Constitution (3) The political and social history of the American Revolution, emphasizing the genesis of the revolutionary conflict, the revolution as a "republican revolution," the revolution's ideological and social results and their effect abroad, and the formation of the Constitution. Meets with HIST-451. Usually offered alternate years.

HIST-652 The Era of the New Republic, 1789-1850 (3) The new republic's political consolidation during its first critical decades; its physical, economic, and political transformation by continental expansion; the transportation and industrial revolutions and the creation of a mass democracy; and the first confrontations over slavery in 1832-1833 and 1848-1850. Meets with HIST-452. Usually offered alternate years.

HIST-653 Civil War and Reconstruction (3) Chronological coverage from the Compromise of 1850 to the final withdrawal of federal troops from the South in 1877. Includes antebellum reform, sectional conflict, black slavery, secession, and postwar racial and political problems. Political and social issues are emphasized, rather than a narrative of battles and skirmishes. Meets with HIST-453. Usually offered alternate years.

HIST-654 The South since Reconstruction (3) The theme is the South's struggle with the issues of integration, separation, and self-definition since the Civil War. Reconstruction and redemption, race relations, violence, the rise and fall of the "Solid South," and the "New South" of Jimmy Carter. Meets with HIST-454. Usually offered alternate years.

406 Course Descriptions

HIST-655 Emergence of Modern America, 1877-1920 (3) The course considers themes in the modernization of America: the rise of corporations and cities, the influx of immigrants from southern and eastern Europe, and the advent of the new diplomacy and imperialism. Also studies populism and progressivism. Meets with HIST-455. Usually offered alternate years.

HIST-656 Twentieth Century America (3) Life in the twentieth century is different from all other periods of our past. To understand why requires an examination of the explosion of science and technology, the growth of government, America's increasing involvement in the world, the multiplication of protest and liberation movements, the new politics, and neo-Keynesian economics. Meets with HIST-456.

HIST-657 America between the Wars, 1919-1941 (3) Following a decade of stability and prosperity, the dislocations caused by the Great Depression disrupted the lives and shook the institutions of the American people, leading to unprecedented political and cultural experimentation. Emphasizing both the contrasts and continuities between the 1920s and 1930s, the course investigates the patterns of political, social, cultural, economic, and intellectual life during the interwar period, with special emphasis on the tensions between radical and conservative tendencies. Meets with HIST-457.

HIST-659 Topics in Women's, Gender, and Sexuality History (3) Topics vary by section, may be repeated for credit with different topic. Examines the changing definitions, perceptions, and uses of gender and sexuality in U.S. history. Rotating topics include women's suffrage, images of masculinity, and gay rights. Based on the assumption that gender and sexuality are historically-specific cultural constructs, special attention is paid to their intersection with race, class, and ethnicity. Meets with HIST-459. Usually offered alternate falls.

HIST-660 U.S. Foreign Relations, 1774-1918 (3) The history of United States diplomacy (and other forms of international relations) from the Revolution to World War I. Focus on policymaking and makers; on such long-term issues such as unilateralism, imperialism, and neutrality; and on economics and ideology. Meets with HIST-460. Usually offered alternate falls.

HIST-661 U.S. Foreign Relations since 1918 (3) The history of United States diplomacy (and other forms of international relations) since World War I. Focus on policymaking and makers; on long-term issues as isolationism, go-it-alone unilateralism, and interventionism; on ideology, economics, and related domestic politics; and on growing U.S. attention to military and national security matters. Meets with HIST-461. Usually offered every spring.

HIST-662 America and the Cold War (3) Focusing on the years 1945-1989, this course explores the international and domestic origins of the Cold War, its impact on American politics and culture, the rise of the national security state, and crises such as the Korean war, the Cuban missile crisis, and Vietnam. Meets with HIST-462. Usually offered every spring.

HIST-664 U.S. Presidential Elections (3) This course reinterprets U.S. history from the perspective of the nation's quadrennial contests for national leadership. It shows how presidential elections both reflect and influence major trends and episodes of the American past. The course combines narrative history with political and economic models to present a comprehensive theory of American presidential elections. A portion of the course focuses on the current election cycle, with guest speakers contributing information and adding to analysis. Meets with HIST-464. Usually offered alternate falls.

HIST-667 Oral History (3) This course presents the theory, practice, legal and ethical issues, and uses of oral history. Through field work, students gain interviewing, transcription, and analysis skills and studies the advantages and limitations of oral history as source material. Reading and case histories are drawn from modern U.S. history. Meets with HIST-467. Usually offered every fall.

HIST-668 Topics in Public History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include history and public policy, media and history, regional and local histories, and historic sites. Some background in U.S. history is recommended. Meets with HIST-468.

HIST-669 History of Medicine in the United States: from Smallpox to AIDS (3) Health, disease, and medicine's role in American society and culture with a special focus on health dangers posed by industrialization, urbanization, and immigration. Disease and its social construction have been an important dimension of American culture and definitions of health and disease are important barometers of who we are as a people. Epidemics (including AIDS), the hospital, ethnicity, race, urban health care, controversies in medical ethics, and medical discoveries. Meets with HIST-469. Usually offered alternate springs.

HIST-670 Visual and Material Culture (3) This course combines two interdisciplinary and often overlapping areas of study for examination by students of history: material and visual cultural studies. The course introduces students to historiography and cultural theory in both fields and examines methodologies for using visual and material sources to study American cultural and social history. Meets with HIST-470. Usually offered alternate springs.

HIST-671 Ideology, Culture, and American Politics (3) How have American political leaders justified their objectives? How have popular beliefs and attitudes been reflected in the American political system? This course, concentrating on the twentieth century, explores the relationship between American political life on the one hand and ideas and popular persuasions on the other. Meets with HIST-471.

HIST-673 American Jewish History (3) Today American Jewry constitutes the preeminent Diaspora Jewish community. This course traces its historical development by examining the waves of Jewish immigration to the United States and the institutions that American Jews created to sustain their community. Meets with HIST-473. Usually offered alternate springs.

HIST-676 U.S. Environmental History (3) Environmental history introduces nature, including plants, animals, climate, weather, and soil, as a central aspect of its analysis. This course examines the role nature plays in North America's history from the breakup of Pangaea to the rise of the American lawn. The course further explores how humans have reshaped the continent's ecosystems over time. Meets with HIST-676. Usually offered alternate falls.

HIST-677 History and New Media (3) This course explores the impact of new information technologies on historical practices, focusing on research, teaching, presentations of historical materials, and changes in professional organization and discourse. Some background in U.S. history is recommended. Meets with HIST-477. Usually offered every spring.

HIST-678 Civil War Institute (3) This week-long summer program introduces participants to the key causes and consequences of the war by exploring its remnants and remembrances in the Washington, D.C. area. The intensive program combines morning presentations and discussions with afternoon field trips. Sites include Harper's Ferry, Antietam, Arlington National Cemetery, Sherman and Grant Memorials, Howard University, Fort Stevens, Frederick Douglass Home, Ford's Theater, and a full-day trip to Richmond. Meets with HIST-478. Usually offered every summer.

HIST-679 Topics in African American History (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include American slavery, African American women, the civil rights movement, and race relations in the United States. Some background in U.S. history is recommended. Meets with HIST-479.

HIST-685 Hiroshima, Nagasaki, and Beyond (3) Summer study trip to Japan in conjunction with the Nuclear Studies Institute. Focuses on Japanese wartime aggression, the human devastation wrought by the atomic bombings, current Japanese and international efforts to eliminate nuclear weapons, and the building of closer ties between the people of the United States and Japan. Participants hear first-hand accounts of atomic bomb survivors and Asian victims of Japanese atrocities, visit sites of historical and cultural significance, and attend commemorative events. Meets with HIST-485. Usually offered every summer.

HIST-690 Independent Study Project in History (1-6) *Prerequisite:* permission of instructor and department chair.

HIST-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

HIST-720 Colloquium in Modern European History 1789-1900 (3) Covers major issues in European history from 1789 to 1900. Integrates political, social, cultural, intellectual, diplomatic, and military subjects and their historiography. The colloquium assumes basic knowledge of events. Usually offered alternate falls.

HIST-721 Colloquium in Modern European History since 1900 (3) Covers major issues in European history since 1900. Integrates political, social, cultural, intellectual, diplomatic, and military subjects and their historiography. The colloquium assumes basic knowledge of events. Usually offered alternate falls.

HIST-727 Colloquium in United States History I: to 1865 (3) The course assumes the student's familiarity with factual data and concentrates on analyzing important historiographic disputes and developments in U.S. history to the end of the Civil War. Usually offered every fall.

HIST-728 Colloquium in United States History II: since 1865 (3) The course assumes the student's familiarity with factual data and concentrates on analyzing important historiographic disputes and developments in U.S. history from 1865 to the present. Usually offered every spring.

HIST-729 Public History Seminar (3) With HIST-730, this course is part of a two course sequence introducing students to ideas, debates, and best practices in the field of public history. The course introduces students to the historical origins of public history, the historiography and major paradigms in the field, and to debates about the public role of historians. Usually offered every fall.

HIST-730 Public History Practicum (3) With HIST-729, this course is part of a two course sequence introducing students to ideas, debates, and best practices in the field of public history. The course introduces students to the best practices in both the interpretation of history in public venues and the management of heritage sites. Includes governance, ethics, interpretation, evaluation, exhibition development, and education. Usually offered every spring.

HIST-744 The Historian's Craft (3) Focuses on historical theory, historical methodology, and differences in the various branches of history. Brings together graduate students with various specialties and interests and creates a common base of knowledge and experience. Usually offered every fall.

HIST-751 Graduate Research Seminar (3) Repeatable for credit. Identification and development of research subjects; sources and their evaluation; research techniques and problems; and writing and argumentation. Students research and write substantial papers based largely on primary sources, with the aim of producing a paper suitable for submission to an academic journal or a professional conference. Usually offered every spring.

HIST-797 Master's Thesis Research (1-6) Usually offered every term. May be taken SP/UP only.

HIST-799 Doctoral Dissertation Seminar (1-12) Usually offered every term. May be taken pass/fail only.

HIST-898 Doctoral Continuing Enrollment (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

HIST-899 Doctoral Dissertation (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

University Honors Program

Undergraduate Courses

HNRS-040 University Honors Study/Travel (0) Topics vary by section, may be repeated for credit with different topic. Study abroad usually taught in conjunction with an Honors colloquium. Usually offered every spring. *Prerequisite:* admission to University Honors Program.

HNRS-300 Honors Colloquium in Arts and Humanities (3) Topics vary by section, may be repeated for credit with different topic. Usually offered every term. *Prerequisite:* permission of University Honors program director.

HNRS-301 Honors Colloquium in Natural and Mathematical Sciences (3) Topics vary by section, may be repeated for credit with different topic. Usually offered every term. *Prerequisite:* permission of University Honors program director.

HNRS-302 Honors Colloquium in Social Sciences (3) Topics vary by section, may be repeated for credit with different topic. Usually offered every term. *Prerequisite:* permission of University Honors program director.

HNRS-390 Honors Independent Reading Course (1-6) *Prerequisite:* permission of instructor and University Honors program director.

HNRS-400 Advanced University Honors Colloquium (3) Topics vary by section, may be repeated for credit with different topic. *Prerequisite:* admission to University Honors Program and junior or senior standing.

HNRS-490 Honors Independent Study Project (1-6) *Prerequisite:* permission of instructor and University Honors program director.

HNRS-498 University Honors Capstone (3) Students design and complete their University Honors capstone. *Prerequisite:* admission to University Honors Program.

Business: International Business

Undergraduate Courses

IBUS-200 The Global Marketplace FA3 (3) A survey course focusing on key issues in the global business environment, as well as global corporate strategy and operations. These issues include the global role of the corporation, globalization, internationalization, international trade, foreign direct investment, multilateral institutions, the international monetary system, and political, economic, and cultural differences. *Note:* This course is designed for non-business majors only and may not be taken by students who have a declared or intended major in KSB.

IBUS-244 International Management Practices (2-3) Topics vary by section; may be repeated for credit with different topic. Students learn experientially how the political, economic, and cultural environments of the region/country influence business strategy and management practices of multinational and domestic firms. The class travels to Asia (typically summer); Latin America (typically fall); and the European Union (typically spring). *Prerequisite:* completion of at least 3 credits in Kogod and minimum 2.75 cumulative GPA, or permission of instructor or Kogod Office of Academic Programs.

IBUS-300 Fundamentals of International Business (3) A survey course focusing on the nature and scope of global trade and investment, the role of multilateral institutions including the World Bank, International Monetary Fund (IMF), and World Trade Organization (WTO), the international monetary system and exchange markets, and differences in national cultures in providing in the environment in which trade and investment take place. The course additionally focuses on the impacts that this environment has on the operating decisions of multinational enterprises, especially with respect to the development of global strategies and their

effect on business functions such as management, marketing, finance, and operations. *Prerequisite:* completion of College Writing and Writing Proficiency Requirement, and junior business major or MKTG-250.

IBUS-301 International Marketing (3) The concepts and practices of marketing across national borders and the adaptations to the marketing program required because of the different needs, environmental constraints, and forms of competition in foreign markets. *Prerequisite:* IBUS-300 and either MKTG-300 or MKTG-250.

IBUS-303 Learning from Global Enterprise Failure (3) This multidisciplinary seminar focuses on analysis of high profile international corporate failures to gain insights into key business issues in the areas of global strategy, management and leadership, finance and accounting, and risk management and oversight as applied in the international arenas. Students apply knowledge developed in prior functional course work to the analysis of these global enterprise failures. Analysis of failure provides a unique and practical learning approach. *Prerequisite:* IBUS-300.

IBUS-320 Practice of Business in the European Union (3) Offered as part of the AU Abroad program in Brussels, this course looks at how the European Union shapes the international business environment. It explores the EU's economic, legal, and political structures that govern business practice in Europe. It also studies how businesses try to shape that environment by influencing EU policy making.

IBUS-390 Independent Reading Course in International Business (1-3) *Prerequisite:* permission of instructor and department chair.

IBUS-391 Internship in International Business (1-6) Provides students with the opportunity to blend practical business work experience with academic study. The academic workload varies depending on the internship credit to be earned. *Prerequisite:* IBUS-300 and permission of instructor.

IBUS-401 Cultural Environment of International Business (3) The cultural factors affecting international business operations and their influence on the principal business functions of finance, marketing, procurement, production, public and external relations, and research and development. *Prerequisite:* IBUS-300 and upper-division standing.

IBUS-402 International Human Resource Management (3) Focuses on the components of international human resource management and how they are used by multinational corporations. Students examine international compensation systems, international recruiting policies, international training and development programs, international labor relations issues, performance appraisal in the international environment, cross-cultural considerations, and safety and termination considerations. *Prerequisite:* IBUS-300 and upper-division standing.

IBUS-404 International Accounting and Financial Consulting (3) This course explores the issues and tasks involved in international accounting and financial consulting. Focuses primarily on the content of international consulting practice and developing the skills necessary to compete in this environment. *Prerequisite:* IBUS-300, ACCT-241, and upper-division standing.

IBUS-408 Export-Import Management (3) The management of the marketing processes of export/import operations, particularly for small and medium size firms. Includes the decisions involved with export/import activities, market selection strategies, distributor and supplier selection considerations, financing operations, supporting documentation, and the general management of export/import marketing variables. *Prerequisite:* upper-division standing.

IBUS-420, IBUS-421 International Business and Trade Seminar I (4), II (4) Provides an in-depth introduction to the nature and workings of international business and trade through lectures and seminars with decision makers in Washington, D.C. Also focuses on the functional operations of international business including marketing, HRM, finance, accounting, and international law. *Prerequisite:* admission to the Washington Semester Program.

IBUS-422 International Business and Trade Seminar Research Project (4) For students in the program who wish to conduct substantive research. Students are encouraged to utilize the resources of the city through interviews, surveys, and examination of primary and secondary sources from government and private sector organizations. Usually offered every term. *Prerequisite:* admission to the Washington Semester Program.

IBUS-423 International Business and Trade Internship (4) An opportunity to intern with one of many national and multinational agencies and organizations while participating in this program. The work component is supplemented by class discussions and assignments. Usually offered every term. *Prerequisite:* admission to the Washington Semester Program.

IBUS-463 International Finance (3) Business finance in a global context. The structure and nature of the foreign exchange markets, including measuring and managing foreign exchange risk, hedging in an international context, the international monetary system, international corporate structure and aspects of financial operation of the multinational firm. The cost of capital and capital budgeting in an international context are also studied. Meets with FIN-463. *Prerequisite:* FIN-365.

IBUS-471 Peace through Entrepreneurship and Global Business Practicum (3) The course has three major components: experiential learning in which students work in teams to assist entrepreneurs in post-conflict regions to develop their business plans; seminars led by guest speakers with on-the-ground experience with entrepreneurship, global business, and economic development in post-conflict areas; and a guided research component wherein students choose a specific topic within the spectrum of peace through commerce issues. Meets with IBUS-671 and MGMT-471/671.

IBUS-490 Independent Study Project in International Business (1-3) *Prerequisite:* IBUS-300, upper-division standing, and permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

IBUS-550 Microfinance in Global Business Development (3) This course provides students with an introduction and overview of the microfinance field. It covers the history and evolution of microfinance, the characteristics of microenterprises, application of financial sector development concepts to microfinance; tools for measuring poverty and impact of microfinance services; financial and technical assessment tools for measuring financial and managerial performance of microfinance institutions, the sources of equity and debt financing for microfinance; and new players in microfinance. *Prerequisite:* IBUS-300 and FIN-365, or IBUS-618 and FIN-614, or permission of the instructor.

Graduate Courses

IBUS-610 International Business Analysis (1.5) This course focuses on country, regional, and global business analysis to provide additional expertise in international business necessary to understand strategy in the international context. *Prerequisite:* enrollment in MBA program or permission of instructor.

IBUS-618 Manager in the International Economy (3) The practices and principles involved in conducting the functional aspects of business in an international context; includes the study of the nature, scope, and trends of international business as well as the international monetary system, international agreements, and considerations resulting from the environmental differences between nations.

IBUS-619 Seminar in Global Business and International Trade (3) This course provides a conceptual and practical understanding of global business and trade. Through the seminar, students meet with representatives and experts from trade associations, national and multinational corporations, international organizations, U.S. government agencies, and members of Congress who deal with global business and trade issues affecting the United States and the world. Students gain an insider's view of how business functions in an increasingly interdependent and globalized world. *Prerequisite:* admission to the Graduate Gateway Program and permission of department.

IBUS-671 Peace through Entrepreneurship and Global Business Practicum (3) The course has three major components: experiential learning in which students work in teams to assist entrepreneurs in post-conflict regions to develop their business plans; seminars led by guest speakers with on-the-ground experience with entrepreneurship, global business, and economic development in post-conflict areas; and a guided research component wherein students choose a specific topic within the spectrum of peace through commerce issues. Meets with IBUS-471 and MGMT-471/671.

IBUS-685 Topics in International Business (1.5-9) Topics vary by section, may be repeated for credit with different topic. Rotating topics related to current and emerging issues in international business.

IBUS-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

IBUS-691 Internship (1.5) May be taken pass/fail only. *Prerequisite:* permission of instructor and department chair.

410 Course Descriptions

IBUS-700 International Finance (3) Financial operation of the multinational firm, including the sources of funds, foreign investment decisions, and international transactions and taxation. Also included is a study of the related aspects of the international monetary system, foreign exchange markets, measuring and managing foreign exchange risk, and international banking. Meets with FIN-700. *Prerequisite:* FIN-614.

IBUS-701 International Banking (1.5) Familiarizes students with the environment and modus operandi of multinational banks, with the focus on policy- and concept-oriented issues in international banking. Includes the structure of international banking, basic functions of international banks, offshore banking, foreign exchange management, risk management, off-balance sheet activities, the regulatory environment, country and political risk assessment, and international bank supervision, all addressed from both a theoretical and practical viewpoint. *Prerequisite:* FIN-614; and IBUS-610 or IBUS-618.

IBUS-705 Export/Import Management (1.5) The study of the practices and procedures of the export and import processes. The emphasis is on international logistics, the role of the international trade intermediaries, and the development of the export marketing program, particularly for small companies. *Prerequisite:* Prerequisite: MKTG-610, MKGT-612, or MKTG-632; and FIN-614.

IBUS-734 International Dimensions in Management: Research (1) Through applied research, students extend their understanding developed in prior study abroad experience in IBUS-744. Students develop an extensive research paper based on analysis of an industry or a specific company's operations in an emerging market country. *Prerequisite:* IBUS-744.

IBUS-740 Project Finance in Developing and Transitional Economies (1.5) This course covers the entire cycle of issues and activities in the field of project finance, especially as practiced in developing and transitional economies. Use of case studies and real project models to examine techniques and strategies currently used in multinational institutions, such as the International Finance Corporation, to conduct stand-alone private sector projects.

IBUS-744 International Dimensions in Management: Study Abroad Project (2-3) Students develop a deeper understanding of the international dimension of management through a combination of class preparation and study abroad. Students play an active role in the design of the course, which varies according to the specific industry/country. The travel component includes company visits and structured meetings with business executives and experts, and provides an important experiential element to the study of international business environments. *Prerequisite:* permission of instructor or Kogod international program manager.

IBUS-745 Global Supply Chain Management (3) This course introduces a set of approaches designed to efficiently integrate suppliers, manufacturers, warehouses, and stores so that merchandise is produced and distributed at the right quantities, to the right locations, and at the right time in order to minimize systemize costs while satisfying service level requirements. The course utilizes case studies and computer simulations to illustrate and reinforce effective supply chain management approaches in both global and domestic organizations.

IBUS-747 Doing Business in Different National and Cultural Environments (1.5) This course develops an understanding of the business environment facing multinational firms in different country contexts, particularly in emerging and transition economies. Emphasis is placed on identifying factors that influence national competitiveness, understanding why some countries are more competitive than others, and how institutions affect the business environment. The course also includes an introduction to corporate governance structures and how they differ across countries.

IBUS-748 Management in Emerging Markets (1.5) This course develops an understanding of the unique strategic and managerial challenges facing multinational firms, particularly in emerging and transition economies, and the managerial challenges associated with running multinational organizations. The course focuses on the firm- and industry-level of analysis and the managerial and strategic issues associated with doing business in different country contexts.

Interdisciplinary

Undergraduate Courses

IDIS-070 Introduction to the Fields of Medicine (0) This course is an introduction to the various health professions, their requirements, training, responsibilities, and daily practices. To help students learn about the various professions in medicine and make educated choices about their profession, guest speakers discuss how they prepared for training, what type of post-graduate training was necessary, what they do on a daily basis, and what they do and don't like about their profession. Usually offered every spring.

IDIS-210 Contemporary Multi-Ethnic Voices FA4 (3) This course examines how ethnicity affects the organization of society, the relationship between and among the individual, communities, and society, and how artists negotiate their own understanding of ethnicity in contemporary American society. Literature, films, theatre, walking tours, and a community service project introduce students to the critical concepts, patterns, and issues that reflect multi-ethnic perspectives. The course also explores the relationship between ethnicity, values, and ethics in American society and fosters critical thinking based on reasoned evidence.

Business: Information Technology

Undergraduate Courses

ITEC-200 The Edge of Information Technology (3) Students gain competency in a broad range of technologies used in the twenty-first century workplace through the use of hands-on learning. Includes an introduction to information systems applications used in planning, tracking, marketing, and management control, including spreadsheets, databases, and web-based tools. The course also provides the conceptual foundations in understanding technologies: computer platforms of hardware and software; networking; and security.

ITEC-320 Business Analytics (3) Analytics is the process of transforming data into insight for making better decisions. It involves specifying a question, problem, or decision and finding the right answers using data. The process begins with identifying the appropriate data sources (internal and/or external, structured and/or unstructured), and the appropriate models, tools, and methods for analysis. Three areas of analytics are covered in this course: descriptive analytics examines historical data and identifies and reports historical patterns and trends; predictive analytics predicts future trends and outcomes and discovers new relationships; and prescriptive analytics formulates and evaluates new ways for business to operate. Students are introduced to models, tools, and method that are commonly used in each area of analytics. They develop skills in analytics that allow them to present data-driven solutions to problems in different business disciplines and functions. The course emphasizes model development and use of software tools to manage, report, and analyze data to achieve the best outcomes for a business. *Prerequisite:* ITEC-200 and STAT-202.

ITEC-333 Topics in Information Technology (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include emerging technologies and new management approaches.

ITEC-334 Online Application Development (3) This course takes the student step by step through the process of developing and deploying a business application online, while learning the fundamentals of web programming. The course includes external web hosting services, domain name setup, web page design, web programming with simple scripting languages, database manipulation through the web, and application security issues. *Prerequisite:* ITEC-200 or permission of instructor.

ITEC-335 Social Networking, Social Media, and Web 2.0 (3) Social software such as Facebook and Twitter are rapidly becoming a mainstream part of how organizations interact with employees, customers/constituents/members, and the public. This course explores how to weave wikis, blogs, microblogs, social networks, virtual worlds, online collaboration, gadgets, widgets, and web2.0 into the fabric of marketing, management, service, and support. Hands-on activities explore mobile, virtual, and other aspects of social media and social networking.

ITEC-350 Digital Leadership and Strategy (3) Information and digital technologies have profound impacts on virtually all organizations. In this course students learn what it takes to be an effective leader in the digital economy and how organizations strategically use information and digital technologies to improve their performance. Students learn theories, principles, and applications for information resource management; e-business models; enterprise systems; digital leadership; and IT governance.

ITEC-355 Production/Operations Management (3) Production and operations management (POM) refers to the management of all activities and processes involving materials, people, capital, information, and other resources in order to produce goods and provide services. This course introduces the basic elements of POM including operations strategy, capacity management, total quality management, managing delays, service operations, and supply chains. Considerable emphasis is placed on the development of quantitative models to represent POM decisions and the use of analytical tools. *Prerequisite:* ACCT-241, ECON-200, MATH-211 or MATH-221 (may be taken concurrently), and STAT-202.

ITEC-388 Information Technology for Financial Services (3) Financial services firms are the leaders and largest investors in the use of information technology (IT). Considered early IT adopters; retail; investment; and mortgage banks; insurance companies; brokerage, and even entire stock exchanges use IT to improve efficiency and effectiveness. Learning in this course focuses on IT-centric activities including interactive stock market simulations and IT-based research tools. Students evaluate the viability and feasibility of IT investment opportunities. *Prerequisite:* ITEC-200 and FIN-365.

ITEC-390 Independent Reading Course in Information Technology (1-3) *Prerequisite:* permission of instructor and department chair.

ITEC-391 Internship in Information Technology (1-6) *Prerequisite:* ITEC-200 and permission of instructor.

ITEC-454 Fundamentals of Digital and Mobile Commerce (3) Electronic commerce, the buying and selling of information, products, and services through purely electronic means, promises to revolutionize the conduct of business. A survey of consumer-to-business and business-to-business electronic commerce models, systems, and technical solutions. Includes hands-on projects and assignments. *Prerequisite:* ITEC-200 or permission of instructor.

ITEC-455 Business Process and Requirements Analysis (3) The first step in every system implementation project is to gather business process and functional requirements from the system's stakeholders. In this course students learn state-of-the-art approaches to performing this activity. They develop a system concept statement that captures the essence and value of the system; analyze business process and functional needs; analyze user requirements; model those requirements; and prepare formal requirements specifications. Methods include business process modeling; use case modeling; data modeling; object oriented techniques; and project analysis. *Prerequisite:* ITEC-200 or permission of instructor.

ITEC-460 Business Intelligence (3) Top global companies regularly fail to make insightful decisions about significant patterns and changes in their business environments and markets, even though the data related to these decisions is available. Business Intelligence (BI) connects data from multiple sources to produce meaningful information and identify patterns and trends to inform such decisions. BI encompasses the methodologies, metrics, processes, and information systems used to monitor and manage an enterprise's business performance and support strategic decision-making. BI systems encompass a blend of technologies such as data warehousing, data mining, business analytics, predictive statistics, online analytical processing, and visual data representations (e.g., dashboards, data cubes), which when put together, provide decision makers with the most powerful business insights derived from multiple internal and external data sources. This course exposes students to the management practices, methodologies, and technologies that major corporations are applying in order to supply executives with the knowledge needed to succeed. The course includes readings, case studies, guest speakers, exposure to BI tools, and a data analytics project. Meets with ITEC-660. *Prerequisite:* ITEC-200 and STAT-202.

ITEC-466 Cyber Security Risk Management (3) Information security is rapidly becoming a critical aspect of corporate life that business professionals cannot afford to be unaware of. The potential risks associated with various and increasingly diverse digital security breaches are on the rise and the related recovery costs are very great. This course focuses on three key areas: the risks associated with information management in the digital economy; the most effective personal and business practices to manage these risks; and the associated information forensics to understand where and how information can be traced. Individual, corporate, and national/global aspects of information security risks are covered, as well as issues related to risk understanding, assessment, and management, corporate governance, and incident response. Meets with ITEC-666. *Prerequisite:* ITEC-200.

ITEC-470 Database and Big Data (3) This course introduces important database concepts, including data modeling, database design, data extraction and data analysis skills needed to transform raw data into useful business information and knowledge for decision making and problem solving. Topics include relational design, data warehousing, data mining, data visualization, data search, knowledge management, business intelligence, data querying, basic analytics and reporting. Meets with ITEC-670. *Prerequisite:* ITEC-200 or permission of instructor.

ITEC-477 Microsoft Certification (1) Topics vary by section, may be repeated for credit with different topic. This hands-on workshop builds on the activities in ITEC-200 to help students acquire the additional skills and knowledge needed to successfully complete the Microsoft Office Specialist (MOS) exam. The MOS program is the only performance-based certification program approved by Microsoft to assess and validate skills using Microsoft products. All students take the certification exam on the second day of the workshop. May be taken pass/fail only. *Prerequisite:* ITEC-200.

ITEC-490 Independent Study Project in Information Technology (1-3) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

ITEC-601 IT Tools for Managers (1.5) Students are introduced to a variety of information technology (IT) tools that represent the essential foundation for personal productivity, analysis, decision-making, and management in any organization. These include spreadsheets, databases, presentation tools, and others. The focus is on lab work and hands-on assignments where students learn to solve business problems and manage data using popular software applications.

ITEC-610 Applied Managerial Statistics (3) Business decision problems can be characterized as situations in which managers must select the best alternative from several competing alternatives. Managers frequently rely on results from statistical analyses to help make the best decision. The decision-aiding tools that can be applied by managers to gain insight into decision problems range from simple graphic displays of data to sophisticated statistical tests. Students use real-world data sets and PC-based software to describe sets of measurements, construct probability distributions, estimate numerical descriptive measures, and build multiple regression models. *Note:* a college-level finite mathematics course is highly recommended.

ITEC-611 Applied Management Science (3) Designing and operating complex real-world systems using management science applications in production, distribution, transportation, and inventory management. How to mathematically model decision problems, solve the models using state-of-the-art software, analyze output, and implement results. *Prerequisite:* ITEC-610.

ITEC-616 Management Information Systems (3) The theoretical, technological, practical, and managerial foundations of management information systems. Includes information technologies, systems development, the impact of information systems on business organizations, information technology as a competitive tool, and the management of information systems within domestic and multinational corporations.

ITEC-617 Information and Technology (1.5) Successful managers understand the value of information technology (IT) and know how to apply IT to critical aspects of their jobs. This course provides business students with an understanding of the strategic, tactical, and operational roles of IT in business. Through case studies and assignments, students learn how to manage and apply IT to achieve business objectives. *Prerequisite:* enrollment in MBA program or permission of instructor.

ITEC-618 Applied Production and Operations Management (1.5) This course provides an introduction to production and operations management (POM), the process of managing people and resources in order to produce goods or provide services. Decisions related to forecasting, aggregate planning, facility location, project scheduling, inventory control, and supply chain management are discussed. Considerable emphasis is placed on the development of models to represent POM decision problems and the use of analytical tools and software to support the POM function. *Prerequisite:* ITEC-610 and enrollment in MBA program, or permission of instructor.

ITEC-630 Business Process Analysis (3) In this course students learn how to conduct business analysis to document business processes and describe the functional requirements for the corresponding business application and then analyze the information requirements to support the application. The course has a strong hands-on component which prepares students for information technology (IT) consulting and business analysis practices. Students work in teams on a consulting project with an organization to develop formal requirement specifications for the client's business application.

ITEC-631 Operations and Information Management (3) Introduction to operations and services management and decision-aiding tools, as well as information and knowledge systems that support managers in their decision-making role. Includes statistical analysis, forecasting, capacity planning, project management, database analysis, decision support tools, information systems, information technologies, the Internet, and systems solutions.

ITEC-636 Management Information Systems for Public and Nonprofit Organizations (3) This course covers the theoretical, technological, practical, and managerial foundations of management information systems. Includes the role of information technologies in organizations, strategies for systems development, the impact of information systems (IS) on public organizations, information technology (IT) as a strategic tool, and the management of information systems within domestic and global enterprises. The course introduces students to current systems and software, as well as ethical and social issues, managing data, information, and knowledge, the influence of the Internet on government and social systems, electronic collaboration, global telecommunications, decision making and IT, and managing international IS. *Note:* for nonbusiness graduate students only.

ITEC-640 Global Connectivity (1.5) Introduces business students to current and emerging technologies in telecommunications, internet, and wireless. Includes case studies of business solutions for global firms. *Prerequisite:* ITEC-616 or ITEC-617 (may be taken concurrently) or permission of instructor.

ITEC-641 Global Collaborative Technology and Virtual Teams (1.5) Information technology has enabled astonishing communication, but working over distance can also create problems. Operating in virtual teams is a required competency for today's manager. This course covers the conceptual, practical, and technological components of building and managing these virtual teams. Theoretical and behavioral research informs learning and students gain hands-on experience with state-of-the-art collaborative technologies.

ITEC-643 Project Management (3) Effective project management skills are required for managers, executives, and consultants as a great deal of work in organizations is initiated and delivered through projects. Due to the increasing complexity of business and technology environments, it is challenging for managers to complete mission-critical projects on time and within budget while satisfying project stakeholders. This course educates students to become competent project managers. In the course students learn about the industry-standard Project Management Body of Knowledge (PMBOK) including important project management concepts, frameworks, principles, methodologies, techniques, and tools through interactive, engaged, and experiential learning processes.

ITEC-652 Strategic Management of Global Information Systems (1.5) The strategic role of global information systems and the management issues associated with planning, designing and leading global information systems organization. Managerial responsibilities and strategies are presented through readings, cases, structured discussions and research projects. *Prerequisite:* ITEC-616 or ITEC-617 (may be taken concurrently) or permission of instructor.

ITEC-653 Managing the Global Information Systems Organization (1.5) The organization, management and control of information systems operation, development, implementation, and personnel on a global scale. Managerial responsibilities and tactics are presented through readings and case studies. *Prerequisite:* ITEC-616 or permission of instructor.

ITEC-654 Nations, Policy, and Information Technology (1.5) This course covers the national, regional, and international issues of information technology (IT), including national policies to enable information technology, technology clusters, technology diffusion, and technology workforce. Students conduct a national IT assessment to understand the implications for the globally competing firm.

ITEC-655 Outsourcing and Offshoring (1.5) A practical survey of the operational, strategic, economic, political, and social issues of offshore outsourcing. The course examines all stakeholders including the clients and the providers as well as both client and supplier nations. Students apply two levels of analysis: firm decision making and national policy. At the firm level, students identify what to outsource/offshore and what not to, and understanding the transition and planning issues in outsourcing and offshoring. At the policy level, student develop their own prescriptive approaches for both wealthy nations and low-wage nations.

ITEC-656 Topics in Management of Global Information Technology (1.5) Topics vary by section, may be repeated for credit with different topic. Rotating topics include emerging technologies and new managed approaches. *Prerequisite:* ITEC-616 or ITEC-617 (may be taken concurrently) or permission of instructor.

ITEC-658 International Electronic Commerce (1.5) Electronic commerce is the conduct of intra-organizational transactions and messages through purely electronic means. This course presents a survey of consumer and business-to-business electronic commerce models, strategies, and technical solutions.

ITEC-660 Business Intelligence (3) Top global companies regularly fail to make insightful decisions about significant patterns and changes in their business environments and markets, even though the data related to these decisions is available. Business Intelligence (BI) connects data from multiple sources to produce meaningful information and identify patterns and trends to inform such decisions. BI encompasses the methodologies, metrics, processes, and information systems used to monitor and manage an enterprise's business performance and support strategic decision-making. BI systems encompass a blend of technologies such as data warehousing, data mining, business analytics, predictive statistics, online analytical processing, and visual data representations (e.g., dashboards, data cubes), which when put together, provide decision makers with the most powerful business insights derived from multiple internal and external data sources. This course exposes students to the management practices, methodologies, and technologies that major corporations are applying in order to supply executives with the knowledge needed to succeed. The course includes readings, case studies, guest speakers, exposure to BI tools, and a data analytics project. Meets with ITEC-460. *Prerequisite:* ITEC-610 and ITEC-616, or permission of instructor.

ITEC-666 Cyber Security Risk Management (3) Information security is rapidly becoming a critical aspect of corporate life that business professionals cannot afford to be unaware of. The potential risks associated with various and increasingly diverse digital security breaches are on the rise and the related recovery costs are very great. This course focuses on three key areas: the risks associated with information management in the digital economy; the most effective personal and business practices to manage these risks; and the associated information forensics to understand where and how information can be traced. Individual, corporate, and national/global aspects of information security risks are covered, as well as issues related to risk understanding, assessment, and management, corporate governance, and incident response. Meets with ITEC-466. *Prerequisite:* ITEC-616.

ITEC-670 Database and Big Data (3) This course introduces important database concepts, including data modeling, database design, data extraction and data analysis skills needed to transform raw data into useful business information and knowledge for decision making and problem solving. Topics include relational design, data warehousing, data mining, data visualization, data search, knowledge management, business intelligence, data querying, basic analytics and reporting. Meets with ITEC-470. *Prerequisite:* ITEC-601 or permission of instructor.

ITEC-677 Microsoft Certification (1) Topics vary by section, may be repeated for credit with different topic. This hands-on workshop builds on the activities in ITEC-601 to help students acquire the additional skills and knowledge needed to successfully complete the Microsoft Office Specialist (MOS) exam. The MOS program is the only performance-based certification program approved by Microsoft to assess and validate skills using Microsoft products. All students take the certification exam on the second day of the workshop. May be taken pass/fail only. *Prerequisite:* ITEC-601.

ITEC-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

ITEC-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

ITEC-700 The Information Systems Organization and Information Technology Staffing (3) This course covers information technology (IT) structures, principles, and leadership, with an emphasis on individual, team, and cultural behaviors and the management of change in IT domains. Emphasis is on business practices within IT environments, with the major focus of the course on change management and managing people and IT staffing as a critical element of IT management.

ITEC-701 Architectures and Infrastructures for Delivering Information Technology Services (1.5) An overview of the components, terminologies, and properties of globally-distributed information technology (IT) delivery systems including: computer hardware, systems and applications software, networks and telecommunications, alternative systems architectures, concepts of IT systems distribution and performance, security, and evolving technologies. Focuses on the bodies of knowledge that affect the configuration of systems and their performance and costs in a global economy. *Prerequisite:* ITEC-616 or ITEC-617.

ITEC-702 Quantitative Methods for Information Technology Management (1.5) Covers quantitative methods used by information technology (IT) managers to model and solve business decision problems and analyze competitive business strategies. Applications in forecasting, mathematical programming, decision modeling, game theory, project management, and simulation are presented. Commercial PC-based software packages are used to generate results.

ITEC-704 Finance and Accounting for Information Technology Management (3) Study of principles, concepts, and elements associated with financial statements and investments. Includes financial statement analysis, income measurement, valuation of assets and equities, and generally-accepted accounting principles, budgeting, information technology (IT) project financing, total cost of ownership, return on investment, and evaluation techniques for feasibility are emphasized.

ITEC-705 Systems Analysis and Design (3) This course examines and applies modern object-oriented techniques for modeling organizational data and processes using Unified Modeling Language (UML) and Computer Assisted Software Engineering (CASE), and the transformation of analysis models into solutions for delivery of functionality including: systems development life cycles, analysis and modeling of business processes, requirements gathering, use-case, structural, and behavioral models, design strategies, test suite design and testing tools, system architecture issues, user interfaces, and implementation. Emphasis is on the use of tools to develop intranet or internet applications.

ITEC-707 Information Technology Operations Management (1.5) Examines the critical issues, strategies, and tactics for managing information technology (IT) operations. Specifically, identifies the key issues in IT operations, and discusses managing IT for competitive business advantage, creating business models, IT operations planning, outsourcing IT functions, building networked businesses and managing networked infrastructure, and reliability and security issues in providing IT services. *Prerequisite:* ITEC-616 or ITEC-617.

ITEC-708 Information Technology Systems Engineering and Project Management (3) Current methods for developing information technology (IT) systems and software with an emphasis on teamwork. The course covers the planning and development of IT projects including: tools for systems development, conceptualizing and initiating IT projects, project and development processes, the human side of project management, risk analysis and management, defining and managing project scope, quality management, systems modeling, design concepts, and system testing, deployment, and maintenance.

ITEC-709 Managing the Information Technology Vendor Relationship (1.5) A survey of information technology (IT) procurement and contracting dealing with the client and user in a global business environment. Includes principles of project requests, proposals, business case development, client relationship building, and what it means to deliver value. *Prerequisite:* ITEC-616, ITEC-617, or ITEC-708, or permission of instructor.

ITEC-710 Managing the Global Information Technology Organization (1.5) Includes information systems (IS) alignment with corporate strategy, IS planning, IS performance measurement, global outsourcing management, application portfolio management, assessing emerging technologies, managing systems implementation, electronic business, etc. Case studies are used with special emphasis on performance measurement of components of managing an IT department including: selecting standards, staffing strategies, diversity, personnel management, integrating IT systems across global telecommunication systems, change management, and security.

ITEC-711 Information Technology Management Capstone (3) This capstone course provides an opportunity for students to synthesize and apply theory, concepts, knowledge, and experiences learned in the information technology program. Students define and defend solutions to complex information technology (IT) management problems described in case studies, and write and present a major paper on an IT management problem. *Prerequisite:* FIN-630, ITEC-630, ITEC-701, ITEC-708, and MGMT-609 or MGMT-633.

ITEC-712 Information Security Management (1.5) Students gain the knowledge needed to guide their organizations in the protection of critical digital information. Includes policy, risk, privacy, incident response, and business continuity. Students develop a solid foundation in all ten Certificate Body of Knowledge (CBK) elements required for the Certified Information Security Systems Professional (CISSP) examination.

ITEC-797 Master's Thesis Research (1-6) May be taken SP/UP only. *Prerequisite:* completion of 24 graduate credit hours and permission of department.

Justice, Law and Society

Effective January 1, 2014, the Department of Justice, Law and Society (JLS) will become the Department of Justice, Law and Criminology (JLC).

Undergraduate Courses

JLS-101 Introduction to Law (3) A general introduction to law and the legal system, including a survey of substantive law in both civil and criminal arenas. Students learn how the legal system operates and the basic categories of law, as well as discussing controversial issues in each area of law. Usually offered every term.

JLS-102 Selected Topics in Leadership (1-3) Topics vary by section, may be repeated for credit with different topic. Analyses of topics in leadership in a global era, with special attention to law and justice, politics and political reform, and civil and human rights. Usually offered every summer. *Prerequisite:* permission of department.

JLS-103 Critical Issues in Justice (3) Political, legal, economic, and social problems of justice emphasizing crime, deviance, and other conduct resulting in such socially disapproved labels as mentally ill, delinquent, and criminal. Moral and theoretical issues involved and mechanisms for remedying injustice and controlling socially disapproved behavior. Usually offered every term.

JLS-104 Introduction to Systems of Justice (3) An overview of the formal mechanisms of social control as manifested by the components of the criminal justice system (legislatures, planning agencies, law enforcement, courts, and corrections), civil justice systems, and such other mechanisms as civil commitment. Alternatives to formal processing including diversion, pretrial screening and dispute-settlement programs. Usually offered every term.

JLS-110 Western Legal Tradition FA2 (3) From the biblical era to the American experiment, the Western legal tradition encompasses primitive, divine, natural, canon, secular, and common law. This course examines the key legal documents and issues of the tradition including the Code of Hammurabi, the Ten Commandments, the trials of Socrates and Jesus, the Magna Carta, the Rule of Law, and Common law. Usually offered every term.

JLS-200 Deprivation of Liberty FA4 (3) Analysis of the values, costs, and logic of the manners in which classes of people (e.g., criminals, drug abusers, the mentally ill) are defined as dangerous; analysis of the specific means of limiting their ability to harm others, the public order, or themselves. Emphasis on imprisonment, institutionalization, probation, capital punishment, and enforced treatment. Usually offered every term.

JLS-201 Philosophical Problems in the Law (3) This course provides an introduction to the philosophical perspective of the law. Issues discussed include the nature of law and judicial decision making, criminal responsibility, the justification of punishment, and the moral basis of property rights. The course emphasizes analytical reading and writing. Usually offered every term. *Prerequisite:* JLS-101.

JLS-202 History of International Thought and Law (3) This course explores the evolution of thought in international relations from 500 BCE through 1960, emphasizing the history of political philosophy of international relations, history, and international law. Usually offered every term.

JLS-203 Law and Social Theory (3) An introduction to some of the seminal works and issues involved in the creation of modern social science and the application of these ideas to law. Critical examination of the epistemological assumptions of these theories and whether human behavior and social relations are susceptible to rigorous scientific explanation. Usually offered every fall. *Prerequisite:* JLS-101.

JLS-205 Introduction to Criminology (3) Development of theories of criminology and criminal justice over the course of history with special attention to the period from 1700 to the present. Review and evaluation of contemporary knowledge and theories of crime. Usually offered every term.

JLS-206 Justice and Deviant Behavior (3) Consideration of conformity and deviance in the light of broader issues of social justice (poverty, racism, sexism, alienation, etc.), of interactions between persons and groups that engage in and sanction deviance, of the role of ideology in the definition of deviance, and of the social policy consequences of deviance definition. Usually offered every fall.

JLS-210 Policing in America: An Introductory Survey (3) A survey of the history, development, environment, organization, and sociology of American law enforcement, with emphasis on state and local police agencies. Police as an agency of social control; police as a service agency; police as a part of government and of the justice system. Usually offered every fall. *Prerequisite:* JLS-104.

JLS-211 Contemporary Issues in American Law Enforcement (3) Policy formulation; operational procedures; patrol; performance measurement; women and minorities in policing; labor-management relations; corruption; political accountability; use of force; citizen complaints. Usually offered every spring.

JLS-215 Violence and Institutions FA4 (3) The capacity for violence by agents of an institution acting in service of organizational goals. Through evaluation of case studies, students gain an understanding of the dynamics of institutional violence and its threat to human life. Includes hazardous workplaces, unethical experimentation, dangerous products, torture and terrorism, police and prison use of deadly force, and the death penalty. Usually offered every spring.

JLS-225 American Legal Culture FA2 (3) The law has become one of the most important regulators in American culture. How did this happen? This course explores the transformation of American legal culture from the colonial era to the present, considering such issues as the challenges of crime, the Cold War and civil rights, the rise of the surveillance state, and images of law in popular culture. Usually offered every term.

JLS-230 Corrections in America (3) Survey of current correctional thought and practices in the United States and their evolution. Overview of correctional treatment in different kinds of institutions and in the community. Usually offered every fall.

JLS-245 Cities and Crime FA4 (3) Have crime and the urban environment always been linked? Their relationship from biblical times to the present, including the criminal underworld in the eighteenth century; the emergence of juvenile delinquency following the industrial revolution; the literary imagination and mid-nineteenth century urban crime; and crime in developing countries. Usually offered every term.

JLS-280 Introduction to Justice Research (3) Social research methods as applied to justice research. The function and role of justice research and the nature and form of research designs, methods, and tools. Usually offered every term.

JLS-301 Drugs, Consciousness and Human Fulfillment (3) Positive approaches to achieving alternative states of consciousness with and without drugs; the nonaddictive use of addicting drugs; a balanced assessment of the latest findings on the dangers and benefits of the most widely used nonopioid recreational drugs, such as marijuana, tobacco, caffeine, alcohol, quaaludes, and cocaine; choices for individuals and society regarding the use and control of the substances. Usually offered every spring.

JLS-303 Drugs, Alcohol, and Society (3) Fundamental issues regarding alcohol and drug use and abuse; addiction; treatment and prevention; the history of alcohol, opiates, and other drugs in the United States and other countries, particularly Great Britain; the formulation of public policies and laws; impact and costs for society. Usually offered every fall.

JLS-304 British Law and Justice System (3) Offered as part of the AU Abroad London Semester, this course explores basic British law and the institutions that administer it. Students analyze the law and the justice system in their moral, social, economic, and political contexts. Usually offered every term.

JLS-307 Justice, Law and the Constitution (3) The historical development, theory, principles, and content of criminal and civil law and their interrelationships; exploration of due process, rule of law, and the role of the Constitution in protecting rights and limiting the actions of both civil and criminal justice agencies. Usually offered every term.

JLS-308 Justice, Morality, and the Law (3) Moral issues involved in administering justice in society, emphasizing the nature of human rights and the ideal of justice. Moral consequences of official control actions of lawmakers, justice system careerists, and others involved in the definition of crime and deprivation of liberty, stressing "moral offenses."

JLS-309 Justice and Public Policy (3) Examines current basic national, state, and local policy issues that affect the definition of crime and shape public agency responses toward crime. The objective of the course is to sharpen and improve the student's policy-oriented thinking about crime in a constitutional democracy and to develop a method to evaluate policy related to crime. Usually offered every term.

JLS-310 The Legal Profession (3) Analysis of the structure of the legal profession from U.S. and cross-cultural perspectives. Includes the structure and organization of the bar, the social hierarchy of the profession, ethical and moral issues faced by lawyers, the changing status of women and minorities in the profession, and access to legal services for the poor. Usually offered alternate falls.

JLS-311 Introduction to Forensic Science (3) Scientific analysis and identification of evidence and documents, special police techniques, interpretation of medical reports, and preparation of reports. Usually offered every fall. *Prerequisite:* JLS-104 and JLS-280.

JLS-313 Organized Crime (3) Organized crime in the United States; its effect on society and the need for integrated response by people, government, and business. Organized crime as a social subculture. Socioeconomic and political aspects of organized crime emphasizing internal controls and external relations with various political and economic sectors. Usually offered every term.

JLS-315 White-Collar and Commercial Crime (3) Economic and fiscal implications and enforcement problems. Fraudulent association, bankruptcy fraud, monopoly and coercive competitive practices, and illegal use of securities and credit cards. Problems of theoretical criminology presented by white-collar crime. Usually offered every spring.

JLS-332 Corrections and the Constitution (3) Examination of the evolving relationship between correctional agencies and the U.S. Constitution. Landmark court decisions are reviewed within the framework of competing demands for fairness and crime control. Contemporary correctional issues and emerging innovations are presented and discussed in the context of cost, effectiveness, and constitutional guarantees and protections. Usually offered every fall. *Prerequisite:* JLS-104 and JLS-280.

JLS-333 Law, Psychology, and Justice (3) Examines psycholegal research related to evidentiary issues in the criminal and civil justice process. Areas covered include accuracy of childhood testimony, eyewitness identification, judicial use of social science research, impact of nonadversarial versus adversarial expert testimony. Usually offered every spring.

JLS-342 Judicial Administration (3) Major issues in criminal and civil justice systems, including detention, plea bargaining, pre-trial motions, collateral attack. Roles of prosecutor and defense counsel. Discovery and other instruments for narrowing issues and expediting litigation. Alternative methods of resolution, judicial management problems, fact-finding, and the jury system. Usually offered every fall. *Prerequisite:* JLS-104 and JLS-280.

JLS-343 Issues in Civil Justice (3) This course examines the institutional arrangements that constitute our system of civil justice. It describes the various decisions that are made to transform a grievance between citizens into a matter that comes before civil courts as well as those procedures followed by the courts to resolve a matter. Usually offered every spring.

JLS-352 Psychiatry and the Law (3) Basic psychiatric principles including contemporary views of causes, manifestations, patterns, and treatments of psychiatric and behavioral disorders; trends in the use of psychiatric resources to deal with deviant behavior within and without the criminal justice system. Includes incompetence as bar to trial, insanity as defense, civil commitment, drug addiction, alcoholism, psychiatry in processing and treating juvenile offenders, and rehabilitative efforts of the corrections system. Usually offered every fall.

JLS-361 Laboratory in Leadership Development I (1) Structured and unstructured exercises, including community service activities, to increase students' understanding of leadership and the role of leaders in the public policy-making process, and develop their personal leadership skills in communication, group dynamics, value clarification, the development of vision, managing emotions in leadership situations, bargaining and negotiation, and the relationship of personal growth to leadership roles and functions. Meets with GOVT-361. *Prerequisite:* permission of director of SPA Leadership Program.

JLS-362 Laboratory in Leadership Development II (1) An advanced leadership development course that consists of structured and unstructured exercises designed to increase students' understanding of leadership and the role leaders play in the public policy-making process. Meets with GOVT-362. *Prerequisite:* JLS-361 or permission of director of SPA Leadership Program.

JLS-368 Juvenile Delinquency: Causes, Prevention and Treatment (3) Development of the individual through childhood and adolescence as it relates to delinquency and crime; special characteristics of juvenile criminality; current principles, policies, and practices for its prevention and control. Factors producing delinquency. Juvenile detention, juvenile court, training schools, and treatment of the offender. Usually offered every spring.

JLS-390 Independent Reading Course in Justice (1-6) *Prerequisite:* permission of instructor and department chair.

JLS-391 Internship (1-6) Internships with interest groups; congressional offices; and government agencies. Weekly seminar. *Prerequisite:* GOVT-210, GOVT-321, or PUAD-260, second semester sophomore standing, and permission of department.

JLS-401 Criminal Behavior: A Psychosocial Analysis (3) Examines various clinical and theoretical explanations for different types of criminal behavior including an analysis of the violent offender, the psychopathic offender, and the white-collar offender. Readings and other case-study material of actual criminal offenders are examined in order to develop an understanding of the causes and treatment. Usually offered every spring.

JLS-402 Comparative Systems of Law and Justice (3) A cross-cultural analysis of the role of law. Exploration of the administration of law and justice in various societies, from least developed to most developed. Special emphasis on comparative analysis of criminal justice systems, including policing, courts, and correctional systems. Usually offered every term.

JLS-410 Topics in Legal Theory (3) Topics vary by section, may be repeated for credit with different topic. Topics focus on the philosophical foundations of specific areas of law, such as the concepts of property, privacy, or rights, or on specific theoretical approaches to law, such as critical legal theory, critical race theory, or feminist legal theory. Usually offered every spring. *Prerequisite:* JLS-101 and JLS-201.

JLS-411 Topics in Legal History (3) Topics vary by section, may be repeated for credit with different topic. An introduction to the comparative study of legal history with a primary focus on the civil and common law traditions. Topics investigate the relational character of law in different settings and periods through diverse modes of historical and theoretical analysis. Usually offered every fall. *Prerequisite:* JLS-110 or JLS-202.

418 Course Descriptions

JLS-413 Topics in Law and Social Science (3) Topics vary by section, may be repeated for credit with different topic. Topics include various disciplinary perspectives of law such as politics of law, law and anthropology; and the social scientific approach to specific areas of law, such as punishment and society, and law, technology, and society. Usually offered every spring. *Prerequisite:* JLS-203.

JLS-421 Justice in the Face of Terror (3) Throughout history, society has grappled with the critical issues of constructing and maintaining a just society in the face of terror. This course studies issues of justice and responses to terror from the perspectives of history, ethics, literature, politics, and law, and works to evaluate the justice of societal responses. Usually offered every summer. Meets with JLS-621.

JLS-431 The Prison Community (3) Social organization in correctional institutions. Inquiry into the nature, organization, and aims of the penal system and its effect on groups it deals with. Interaction of groups within institutions. Usually offered every spring.

JLS-444 Topics in Criminal Justice (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics concerning criminal justice including the death penalty and the law, race and justice, and crime prevention. Usually offered every term. *Prerequisite:* JLS-104 and JLS-280.

JLS-445 Topics in Criminology (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics concerning criminology including terrorism and international crime, women and crime, and gangs and gang violence. Usually offered every term. *Prerequisite:* JLS-205 and JLS-280; or permission of instructor.

JLS-454 Violence in America (3) Emphasis on various ideologies and events that cause or reduce violence, such as social movements, depressions, war, and political repression.

JLS-458 The Juvenile and the Law (3) Special legal status of the juvenile. Protective services, incompetence to enter contracts, compulsory education, child labor laws, and *in loco parentis* actions by state and private institutions. Juvenile and family court movement, emphasizing noncriminal aspects of administering juvenile justice: guardianship, dependency, neglect, child support, paternity, and adoption. Usually offered every fall. *Prerequisite:* JLS-205 and JLS-280.

JLS-460 Political and Organizational Leadership (3) Examines major theories and research in public leadership, with emphasis on American political and administrative institutions. Case studies of leaders and leadership in complex public organizations. Relative impact of personality and organizational factors in leadership development. Emphasis on students' awareness of their own leadership style and development potential. Meets with GOVT-460. Usually offered every fall. *Prerequisite:* admission to SPA Leadership Program.

JLS-464, JLS-465 Transforming Communities Seminar I (4), II (4) The interdisciplinary Washington Semester in Transforming Communities seminars introduce students to community issues through lectures, guest speakers, and site visits to community-based and government organizations at the front lines of community transformation. Issues discussed include housing, business development, community safety, social policy, and education. Meets with GOVT-417/GOVT-418. Usually offered every term. *Prerequisite:* admission to program.

JLS-466 Transforming Communities Research Project (4) Students in the Washington Semester in Transforming Communities complete an original research project on an issue related to policy or grassroots activism. Usually offered every term. *Prerequisite:* admission to program.

JLS-467 Transforming Communities Internship (4) Washington Semester in Transforming Communities public or private sector internships in either policy making or project planning. Usually offered every term. *Prerequisite:* admission to program.

JLS-490 Independent Study Project in Justice (1-6) *Prerequisite:* permission of instructor and department chair.

JLS-491 Internship in a Justice Setting (1-6) Provides students with actual experience in the administration of justice through assignment to enforcement, judicial, or correctional agencies under joint supervision of agency officials and university instructors. *Prerequisite:* permission of instructor and department chair.

JLS-492 Washington Justice Seminar I: A National and Intergovernmental Perspective (4) Classroom section of seminar. Each session covers a specific area in terms of theory and operational principles and explores the roles of all three branches of government in creating and operating justice systems in federations. Usually offered every fall and spring. *Prerequisite:* admission to program.

JLS-493 Washington Justice Seminar II: A National and Intergovernmental Perspective (4) Laboratory section of seminar. Field visits with discussions led by agency personnel regarding the intergovernmental roles of their agencies and their place in justice systems. Theory and operational principles covered in JLS-492. Usually offered every fall and spring. *Prerequisite:* admission to program.

Graduate and Advanced Undergraduate Courses

JLS-504 Comparative Criminology and Criminal Justice (3) A comparative study of criminology and criminal justice systems as developed in the United States and elsewhere. Usually offered alternate springs.

JLS-517 Victimology (3) Victims as an integral part of crime. Theories and research results on the victim role, criminal-victim relationships, concepts of responsibility, and society's reaction to victimization. Sexual assault, child abuse, and victimization of the elderly. Crisis-intervention centers, court-related victim/witness services, restitution, and compensation.

JLS-521 Justice Workshop (1-6) Topics vary by section, may be repeated for credit with different topic. In-depth study of the philosophy, organizational structure, and operation of various institutions in the justice field, employing direct observation through on-site visits and discussions with officials, along with theoretical material. Rotating topics include insider's view of justice, offenders in society, and judicial affairs mediation. Usually offered every term.

JLS-526 Domestic Violence (3) A survey of domestic violence; spouse, sibling, and elder abuse; and sexual or other violence among intimates in its broader context and from a multidisciplinary perspective. Policies, laws, court decisions, and short and long term intervention strategies are considered. Usually offered every spring.

JLS-530 Concepts of Punishment (3) The philosophical issues associated with criminal punishment, particularly the moral justification for punishment. The relationship between theories of punishment and theories of the state, theories of ethics, and broader philosophical issues such as free will versus determinism. Usually offered alternate springs.

JLS-535 Gender and the Law (3) Gender and criminal, civil, and regulatory law. Criminal issues include sexual assault, prostitution, and the criminalization of pornography and sexual trafficking in women, and gender relations in the criminal justice system. Civil issues include marital and divorce laws and laws regarding reproduction. Other issues include sexual harassment and discrimination in housing, credit, insurance, employment, and education. Usually offered every fall.

JLS-536 Reproduction and the Law (3) Students undertake a historical, legal, and policy-based analysis of the laws and policies regulating human reproduction, with an emphasis on Supreme Court jurisprudence and current legislative efforts to both expand and curtail reproductive rights. Usually offered every fall. *Prerequisite:* JLS-101 or JLS-307, or permission of instructor.

JLS-550 Drugs, Crime, and Public Policy (3) Review of the history of drug abuse in America; the relationship between drug abuse and crime, including marijuana, heroin, and alcohol; national strategies to deal with drug abuse; improvement of policies in the future. Usually offered every fall.

JLS-551 Comparative Justice Studies Abroad (3-6) Topics vary by section, may be repeated for credit with different topic. Usually offered every summer.

JLS-585 Topics in Terrorism (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics concerning terrorism and security policy, including theories of terrorism and extremist violence, prevention of terrorism, and homeland security policy. Usually offered every fall.

JLS-590 Independent Reading Course in Justice (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

JLS-601 Law and Social Sciences (3) Historical and contemporary literature in law and the social sciences. Critical assessment of major research endeavors conducted by lawyers and social scientists, including plea bargaining, conflict resolution, the jury system, the legal profession, law and the mass media, and the function of law and public opinion in different societies.

JLS-602 Legal Theory (3) Introduction to the philosophical analysis of law and its role in society. The course considers questions such as what is law, how is it different from brute force, is there a moral obligation to obey the law, and what are the limits of legal responsibility. Classical, contemporary, and critical approaches, ranging from natural law theory to critical and feminist theory. Usually offered every fall.

JLS-603 The Rule of Law and Due Process (3) A commitment to rule of law and due process of law is a defining feature of Western legal tradition, but what do these phrases mean? This course examines common interpretations and applications of these concepts in diverse systems of law. The central features and historical development of legal procedures in the criminal justice, civil justice, and administrative systems are compared. Legal procedure is an essential component of systems of jurisprudence and provides the methods and means for applying substantive law. It also reveals, *inter alia*, a legal system's values, priorities, and applications. Usually offered every fall.

JLS-604 Foundations of Knowledge (3) This methodology course helps students identify what actually counts as knowing something in their study of social phenomena. Social scientists, lawyers, and philosophers must grapple with the question of what counts as a fact that actually describes what they believe they are observing. Making this decision inevitably affects one's understanding of what is being observed. This course examines the foundations of empirical, analytical, critical, and other modes of thought in order to enable them to evaluate the various methods used to study social institutions. Usually offered every spring.

JLS-606 Legal History Seminar (3) The two goals of this course are to provide students with the historical underpinnings of law in the Western world, and to introduce students to the different historical approaches that historians use to understand what counts as historic fact. Usually offered alternate springs.

JLS-607 Concept of Justice (3) Major philosophical contributions to the definition of justice. The relationship of the ideal of justice to concrete situations in which issues of justice (civil, criminal, or political) arise.

JLS-608 The Constitution and Criminal Procedure (3) Constitutional standards and operation of the criminal justice system. Police practices, bail, decision to prosecute, scope of prosecution, grand jury proceedings, preliminary hearings, right to counsel, right to speedy trial, plea bargaining, discovery and disclosure, jury trial, trial by newspaper, double jeopardy, and post-trial proceedings. Usually offered every fall.

JLS-609 Criminological Theory (3) Examines criminological theory including early religious and spiritual notions of crime, and classical, rational choice, and deterrence theories. The development of positivism from both a biosocial and psychological perspective, the range of sociological theories and the empirical research related to these theories. Usually offered every spring.

JLS-610 Justice and Public Policy: Controversial Issues (3) The American justice systems and the theories underlying them. Focus is on the criminal justice process and issues related to each step and institution in it. Includes varieties of law and justice, issues dealing with the police, courts, and corrections. Usually offered every fall.

420 Course Descriptions

JLS-615 Law and Human Rights (3) Legal, moral, and historical examination of international human rights. Friction among the values of national sovereignty, individual rights, self-determination, and the toleration of minorities is considered, as well as legal and extra-legal methods for humanitarian intervention, from World Court indictments to military invasion. Usually offered every third semester.

JLS-621 Justice in the Face of Terror (3) Throughout history, society has grappled with the critical issues of constructing and maintaining a just society in the face of terror. This course studies issues of justice and responses to terror from the perspectives of history, ethics, literature, politics, and law, and works to evaluate the justice of societal responses. Usually offered every summer. Meets with JLS-421.

JLS-630 Advanced Seminar in Legal Theory (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in law and social theory, including freedom of speech and religion; liberty and private property; feminist legal theory; critical legal studies; and law and economics; among others, are examined.

JLS-631 Advanced Seminar in Social and Political Theory (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in concepts of sovereignty; power, equality, and welfare; legitimacy, obligation and democratic theory; among others, are examined.

JLS-638 Race and Justice in America (3) An examination of race and justice in America, with a focus on the historical and contemporary experiences of African Americans. Includes slavery, plantation prisons, legal and illegal executions, medical experimentation, segregation, poverty, ghettos, and contemporary prisons. Usually offered every fall.

JLS-643 Advanced Seminar in Policing (3) Topics vary by section, may be repeated for credit with different topic. An examination of major U.S. police and law enforcement systems and issues. The focus of the course may be either the role of police in society, police-community relations, and special problems in policing, or management and policy issues such as police organization, federalism, police effectiveness, police discretion and use of force, and police accountability.

JLS-648 Law and Religion (3) Examines the intersection of religion with American law, politics, and society. The course focuses on the role of religion in the constitutions, statutes, and policies of federal and state governments, including U.S. Supreme Court decisions defining church-state law. Also examines the experiences and contributions of minority religious sects and politico-religious movements in American life.

JLS-650 Constitutionalism in Historical Perspective (3) This course examines the development of law and its justification as the source of authority in the modern state. Students examine how the law itself and different conceptions of it have been used to control and legitimize law governed behavior. Usually offered alternate springs.

JLS-672 Terrorism, Crime, and Public Policy (3) This course examines the problem of terrorism and its causes, to provide a basis for preventing it. It includes distinctions among types of terrorism, crime and aggression, their causes, and implications for prevention; Huntington's clash of civilization model; cross-cultural dialog and exchange; the management of fear; the applicability of crime prevention strategies to the problem of terrorism; the role of religion, the reshaping of military and intelligence strategies; use of technology for diction and prevention; and the management of errors in balancing security and rights. Usually every spring.

JLS-676 Theories of Punishment (3) Examination of the philosophical issues associated with criminal punishment, particularly theories of the moral justification for punishment. The course considers retributive, deterrent, incapacitation, and moral reform theories, the role of victim and community anger in the imposition of punishment, as well as alternatives such as restorative justice. Usually offered every spring.

JLS-680 Introduction to Justice Research I (3) The logic of scientific inquiry and the nature and process of social research as applied to justice. Theory, concepts, practices, and the demonstration of their reliability and validity. Attention is also given to methods of sampling design and techniques of data collection. Usually offered every fall.

JLS-681 Introduction to Justice Research II (3) Methods of data analysis applicable to research in the justice field. Building on the concepts presented in JLS-680, the course examines the link between research design and empirical analysis, the role of probability in hypothesis testing, and the concept and techniques of descriptive and inferential statistics. Usually offered every spring. *Prerequisite:* JLS-680.

JLS-686 Advanced Seminar in Corrections (3) Topics vary by section, may be repeated for credit with different topic. Examination of the origin, nature, and operation of various correctional institutions and practices. The focus of the course varies by semester; topics include institutional corrections, community corrections, intermediate sanctions, legal aspects of corrections, the death penalty, and philosophical theories of punishment.

JLS-690 Independent Study Project in Justice (1-6) *Prerequisite:* permission of instructor and department chair.

JLS-691 Internship in a Justice Setting (1-6) Provides students with experience in administering justice in operational or research settings through assignment to legislative, regulatory, planning, police, judicial, or correctional agencies under joint agency/school supervision that includes faculty evaluation of ongoing written reports. *Prerequisite:* permission of instructor and department chair.

JLS-710 Proseminar in Justice (3) An overview of criminal justice and criminology that focuses on the major debates, theories, concepts, and empirical research. Usually offered every fall. *Prerequisite:* admission to PhD program or permission of the instructor.

JLS-720 Proseminar in Law and Society (3) An overview of the field of law and society, providing the perspectives of several disciplines on the law. Usually offered every fall. *Prerequisite:* admission to PhD program or permission of the instructor.

JLS-790 Doctoral Independent Study in Justice, Law and Society (1-6) *Prerequisite:* permission of instructor and department chair.

JLS-797 Master's Thesis Research (3-6) May be taken SP/UP only. *Prerequisite:* permission of department.

JLS-799 Doctoral Dissertation Seminar (1-12) *Prerequisite:* permission of department.

JLS-898 Doctoral Continuing Enrollment (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

JLS-899 Doctoral Dissertation (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

Jewish Studies

Note: For additional Jewish Studies courses see also History (HIST-xxx), Literature (LIT-xxx), International Service (SIS-xxx), Philosophy (PHIL-xxx), and Religion (RELG-xxx).

Undergraduate Courses

JWST-205 Ancient and Medieval Jewish Civilization FA2 (3) Examines the independent Jewish states that flourished in Palestine, the rise of the most important Jewish communities outside the ancient Jewish homeland, and the foreign influences that shaped not only the political life of the Jews but also their internal organization and their creativity. Usually offered every fall.

JWST-210 Voices of Modern Jewish Literature FA2 (3) Explores a variety of literary works analyzing the historical experience of modern Jewish communities in Europe, as well as the United States and Israel, emphasizing how migration, racism, industrialization, and political change affected these Jews and their Judaism. Usually offered every spring.

JWST-320 Topics in Jewish Culture (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics on historical and contemporary aspects of the Jewish heritage, such as Judaism and Hellenism; Judaism and Islam; art, dance, and drama as expressions of the Jewish spirit; and Jewish education, content, and method.

JWST-390 Independent Reading Course in Jewish Studies (1-6) *Prerequisite:* permission of instructor and director.

JWST-481 Senior Thesis in Jewish Studies I (3) Jewish studies majors prepare a thesis on a topic selected after consultation with the student's advisor. Usually offered every fall.

JWST-482 Senior Thesis in Jewish Studies II (3) Completion of senior thesis on a topic selected after consultation with the student's advisor. Usually offered every spring. *Prerequisite:* JWST-481.

JWST-490 Independent Study Project in Jewish Studies (1-6) *Prerequisite:* permission of instructor and director.

JWST-491 Internship in Jewish Studies (1-6) Provides students an opportunity to enrich organizational skills and gain experience in community relations, religious, Israel-centered, or social welfare agencies. *Prerequisite:* permission of instructor and director.

Graduate Courses

JWST-590 Independent Reading Course in Jewish Studies (1-6) *Prerequisite:* permission of instructor and director.

JWST-690 Independent Study Project in Jewish Studies (1-6) *Prerequisite:* permission of instructor and director.

Business

Undergraduate Courses

KSB-100 Business 1.0 (3) Business is an exciting and dynamic environment. This course is the initial step in becoming a student of business. It provides a broad introduction which enables students to gain an appreciation of the complex nature of business and a sense of what is required to operate a successful business. In this course students learn what a business is, how it operates, and why. They learn how business impacts society and the effect society has on business. Student gain an understanding of the various entities that influence business, such as the economy, customers, suppliers, the government, and the global community, and discover the inter-related tasks and operations that must occur for a business to be successful. *Prerequisite:* fall enrollment open only to freshmen; spring enrollment open only to freshmen or sophomores.

KSB-191 Field Experience (.25) Students who have a declared or intended business major but are not eligible for upper level internship credit may register for up to two field experiences (one field experience per organization). The field experience must be at least four weeks in length. Students must be registered as a full-time student in the current semester, or for summer, be registered full-time for the fall semester; and complete pre- and post-field experience sessions facilitated by the Kogod Center for Career Development (KCCD). Students on F-1 visas are not eligible for KSB-191 Field Experience until they have completed one full academic year. May be taken Pass/Fail only. *Prerequisite:* completion of at least 3 credits in Kogod, minimum 2.75 cumulative GPA, and permission of the KCCD.

KSB-200 Foundations of Career Development (1) Successful lifelong career management relies on the ability to assess personality, interests, skills, and values and align these with career fields and industries to find the optimum career fit. This course introduces students to the concept of lifelong career management, as well as several potential career fields and how best to explore/research career options. Students learn how to target and research potential employers, explore and decide among different major and career options, understand industry hiring timelines, apply techniques and tools for landing an internship, and how to develop general resumes and related basic career communications. Classes are highly interactive participatory sessions including role plays, breakout sessions, group discussions, and guest speakers. May be taken pass/fail only.

KSB-252 Washington Initiative (1-2) This course provides undergraduate business students with experience through the coordination of an event or service for a nonprofit agency. Through these interactions, students apply a variety of academic business skills while contributing to the local community and learning about nonprofit management. May be repeated for credit. *Prerequisite:* completion of 30 credit hours and permission of instructor.

422 Course Descriptions

KSB-253 Road Scholars (1) May be repeated for credit. The Road Scholars program is an alternative spring break study tour that provides students with a hands-on opportunity to experience business in the real world. Each year, Road Scholars travel to a major city for corporate site visits to some of the nations' best known companies. This course is designed to complement the Road Scholars travel program by providing students with exercises that increase their knowledge and awareness of the careers explored during the trip; apply business learning to real-world situations; and encourage students to explore how their experiences relate to their career aspirations.

KSB-255 Persuasive Business Communications (2) In this course, students develop professional communication skills and strategies to address problems in the business world. By analyzing real-life case studies, students learn how to use writing, public speaking, and presentations as tools to make their case more effectively, which will help them in their classes, internships, and careers. May be taken pass/fail only.

KSB-300 Personal Branding and the Career Campaign (1) This course helps students take a comprehensive approach to charting and managing their careers in both the short and long term. It reviews how to assess personal interests, skills, and values against market/industry trends to identify where there is optimal fit, as well as a competitive advantage. Students learn how to identify target companies/organizations and assess corporate culture to make effective choices. Elements of an outreach campaign including targeted marketing materials, networking strategies, interviewing, negotiating, and accepting job offers while building a lifelong network are emphasized, as is increasing internship/job search productivity. May be taken pass/fail only. *Prerequisite:* KSB-200 or permission of instructor.

KSB-339 Rome Business Program Structured study abroad program in Rome, Italy. Students may take approved business core, specialization, or elective courses. The language of instruction is English.

KSB-349 WHU-Otto Beisheim School of Management Direct enroll study abroad program at Wissenschaftliche Hochschule für Unternehmensführung (WHU)-Otto Beisheim School of Management in Vallendar, Germany. Students may take approved business core, specialization, or elective courses. The language of instruction is English or German.

KSB-350 AU Abroad Business Program (3) Topics vary by section, may be repeated for credit with different topic. Business courses offered through AU Abroad enclave programs to focus on unique aspects of native culture.

KSB-377 International University of Monaco Direct enroll study abroad program at the International University of Monaco in Monte Carlo, Monaco. Students may take approved business core, specialization, or elective courses. The language of instruction is English.

KSB-388 Kuwait University-College of Business Administration Direct enroll study abroad program at Kuwait University College of Business Administration (CBA) in Kuwait City, Kuwait. Students may take approved business core, specialization, or elective courses. The language of instruction is English or Arabic.

KSB-390 Independent Reading in Business (1-3) *Prerequisite:* permission of instructor and department chair.

KSB-391 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

KSB-410 SKEMA Business School Direct enroll study abroad program at SKEMA Business School in Sophia-Antipolis, France. Students may take approved business core, specialization, or elective courses. The language of instruction is English.

KSB-456 Management Communications for Social Responsibility (3) Students apply their oral writing and research skills to address real-world business and professional problems. Course readings and discussions examine the importance of persuasive communications for such soft skills as leadership, teamwork, decision-making, negotiations, and ethics. Practice sessions and personal coaching help students polish their writing and public speaking. Meets with KSB-656.

KSB-490 Independent Research in Business (1-3) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

KSB-071 Career Management I: Foundations and Career Fairs (0) The focus of the course is to prepare students for the MBA internship market, beginning in October with the CareerQuest MBA career fair. Students learn about hiring timelines and develop a baseline resume; personal pitch; and strategy to make CareerQuest and other MBA-level fairs useful. Students are required to attend either CareerQuest or the AU Job and Internship Fair to begin networking with employers. May be taken pass/fail only. *Prerequisite:* enrollment in full-time MBA program.

KSB-072 Career Management II: Personal Branding and Outreach Campaigns (0) This course provides students with the toolkit to execute a successful outreach campaign job now and throughout their careers; as well as take advantage of on-campus interviewing. Students learn about their strengths and determine how to leverage those strengths by developing a personal brand; which is used to target their resumes; cover letters, and interview content. May be taken pass/fail only. *Prerequisite:* KSB-071 and enrollment in full-time MBA program.

KSB-073 Career Management III: Fulltime Search Realignment (0) This course teaches strategies for students to leverage their summer internship/activities in their long-term career development and post-graduate job search. May be taken pass/fail only. *Prerequisite:* KSB-072 and enrollment in full-time MBA program.

KSB-074 Career Management IV: Professionalism Post-MBA (0) This course focuses on maximizing success in the workplace post-graduation and emphasizes the importance of communicating and networking effectively in a new work environment. May be taken pass/fail only. *Prerequisite:* KSB-073 and enrollment in full-time MBA program.

KSB-075 Career Management 1: Career Goals (0) The focus of the course is on self-assessment and reflection as a tool to clarify short- and long-term career goals. This course also covers how students develop a personal professional brand, as well as networking on the job while completing an MBA program, in order to positioning themselves for growth and promotion in their current roles while exploring additional opportunities available with an MBA. May be taken pass/fail only. *Prerequisite:* enrollment in part-time MBA program.

KSB-076 Career Management 2: Outreach Search Campaign (0) This course is designed for students to produce a toolkit of life-long career management skills to ensure success in future job searches and career transitions. It includes conducting an outreach search campaign including identifying market niche and companies; targeting cover letters, resumes, and online profiles; behavioral and case interview content; and salary positioning and negotiation. There is focus on networking and navigating the hidden job market. May be taken pass/fail only. *Prerequisite:* KSB-075 and enrollment in part-time MBA program.

KSB-081 Business Communications 1 (0) Provides tailored instruction leading to improved business writing, public speaking, or team presentations with a focus on second-semester MBA coursework. May be taken pass/fail only. *Prerequisite:* enrollment in MBA program.

KSB-082 Business Communications 2 (0) Provides tailored instruction leading to improved business writing, public speaking, or team presentations with a focus on second-semester MBA coursework. May be taken pass/fail only. *Prerequisite:* KSB-081 and enrollment in MBA program.

KSB-083 Business Communications 3 (0) Provides tailored instruction leading to improved business writing, public speaking, or team presentations with a focus on second-semester MBA coursework. May be taken pass/fail only. *Prerequisite:* KSB-081 and enrollment in MBA program.

KSB-084 Business Communications 4 (0) Provides tailored instruction leading to improved business writing, public speaking, or team presentations with a focus on second-semester MBA coursework. May be taken pass/fail only. *Prerequisite:* KSB-081 and enrollment in MBA program.

KSB-602 Strategic Decision-Making in a Global Environment (3) This team-taught course addresses micro-level strategic decision making in the global environment. Students learn about the internal functions of business organizations, with a focus on the execution business strategy at the firm, product group, and brand level. The course integrates key business disciplines such as strategy, international business, information technology, marketing, finance, ethics, legal issues, and management. *Prerequisite:* KSB-610 and enrollment in MBA program.

KSB-610 Strategic Thinking (1.5) Provides an integrative framework with which to approach other courses in the MBA curriculum by encouraging an understanding of the sources of competitive advantage. It encourages students to think strategically about the skills provided by their functional level courses; and thus about how those functions contribute to corporate success. *Prerequisite:* enrollment in the MBA program and permission of instructor.

KSB-613 Strategic Decision Making (3) This course follows KSB-610's emphasis on integration across functions and businesses within the corporation by expanding students' understanding of strategy and competitive advantage. This capstone course relies heavily on case analyses as well as an industry and company competitive advantage analysis project. *Prerequisite:* FIN-614, IBUS-618, ITEC-616, ITEC-618, KSB-610, MGMT-609, and MKTG-612.

KSB-655 Business Communications (1) Intensive practice in writing; researching; public speaking; and team presentations for the business and professional world. May be taken pass/fail only.

KSB-656 Management Communications for Social Responsibility (3) Students apply their oral writing and research skills to address real-world business and professional problems. Course readings and discussions examine the importance of persuasive communications for such soft skills as leadership, teamwork, decision-making, negotiations, and ethics. Practice sessions and personal coaching help students polish their writing and public speaking. Meets with KSB-456.

KSB-688 Consulting Practicum (3) As a practicum, this experiential learning opportunity enables student teams, under the supervision of a faculty supervisor, to serve as consultants to organizations to create new ideas, prepare project and business plans, and solve problems, all at the strategic level. These teams work closely with client management to define and analyze difficult organizational, new product/business and competitive problems, and make recommendations for action. Students develop a deeper understanding of consulting as well as the interdependence of functional areas. They also improve their teamwork and communication skills. Students and the faculty supervisor meet regularly with the management of the client organization to develop a detailed Statement of Work and provide updates on progress through touch points during the semester. Following completion of necessary research and data analyses, the team submits a written report and makes a presentation of its recommendations to the management of the company. Meets with MGMT-688. Enrollment is limited and selection is on a competitive basis. Applicants must submit a resumé to the instructor for approval to register. *Prerequisite:* minimum 3.3 GPA and permission of instructor.

KSB-749 WHU-European MBA Summer Institute Two-week study abroad course at Wissenschaftliche Hochschule für Unternehmensführung (WHU)-Otto Beisheim School of Management in Vallendar, Germany. The course provides an overview of all aspects of doing business in the European Union. The language of instruction is English.

KSB-750 ESCP-Europe Summer Session Direct enroll study abroad program at ESCP Europe in Paris, France. Students may take approved concentration or elective courses during ESCP Europe's Summer Session. The language of instruction is English or French.

KSB-751 WHU-Otto Beisheim School of Management Direct enroll study abroad program at Wissenschaftliche Hochschule für Unternehmensführung (WHU)-Otto Beisheim School of Management in Vallendar, Germany. Students may take approved concentration or elective courses. The language of instruction is English.

KSB-752 ESCP-Europe Direct enroll study abroad program at Ecole Supérieure de Commerce de Paris (ESCP) Europe in Paris, France. Students may take approved concentration or elective courses. The language of instruction is English or French.

Literature

Undergraduate Courses

LIT-010 College Reading (2) Develops the ability to cope efficiently with the rigors of academic life. Emphasizes practical techniques of reading in different disciplines, speed reading, time management, note taking, exam skills, and research. Usually offered every term. *Note:* No academic credit is received for this course, nor does it fulfill a requirement for any degree program. Credit equivalent is listed for determining full-time status only.

LIT-021 College Writing Skills for High School Students (0) A noncredit workshop for high school students to develop skills for writing at the college level such as generating ideas, being aware of audience and purpose, creating a thesis and argument, researching, organizing, and responding to others' work. Students practice these skills through short writing exercises accompanied by supplemental readings. Usually offered every summer.

LIT-022 Writing College Application Essays (0) In this noncredit workshop high school students experiment with writing personal statements as a form of self-expression. The focus is on college admissions, but students also consider other ways in which writing communicates identity and serves as a vital means of communication. Usually offered every summer.

LIT-025 STEP Pre-College Writing Seminar (0) This course introduces students to skills needed to successfully transition into collegiate academic writing. The course focuses on the importance of thesis-driven writing, and students learn a range of research methods and protocols. Students are also introduced to American University's Academic Integrity Code, as well as the services available at the library and through Blackboard. Usually offered every summer. Open only to students in the Summer Transition Enrichment Program (STEP).

LIT-100 College Writing (3) Develops students' skills in reading with understanding, summarizing and synthesizing information accurately, and writing correct, reasoned prose. Usually offered every term. *Note:* Completion of LIT-100 and LIT-101 with grades of C or better fulfills the university College Writing and Writing Proficiency Requirement.

LIT-101 College Writing Seminar (3) Continues the work begun in LIT-100, stressing the student's abilities to construct extended arguments, to synthesize diverse materials, and to pursue library research. Usually offered every term. *Prerequisite:* LIT-100 or equivalent. *Note:* Completion of LIT-100 and LIT-101 with grades of C or better fulfills the university College Writing and Writing Proficiency Requirement.

LIT-102 College Writing (3) LIT-102 is a specially designed version of LIT-100. It is aimed at students whose language skills need special attention and has a required one-on-one conference with the course instructor. Usually offered every term. *Note:* Completion of LIT-102 and LIT-103 with grades of C or better fulfills the university College Writing and Writing Proficiency Requirement.

LIT-103 College Writing Seminar (3) LIT-103 is a specially designed version of LIT-101. It is aimed at students whose language skills need special attention and has a required one-on-one conference with the course instructor. Usually offered every term. *Prerequisite:* LIT-102 or equivalent. *Note:* Completion of LIT-102 and LIT-103 with grades of C or better fulfills the university College Writing and Writing Proficiency Requirement.

LIT-105 The Literary Imagination FA1 (3) Explores the fundamental imaginative processes that underlie and connect the activities of literary creation and literary understanding. Besides reading works by both male and female writers chosen from a variety of times and places to represent each of the major genres, students also do critical and creative writing of their own. Usually offered every term.

LIT-106 College Writing, Intensive (3) Develops students' academic writing and research skills. Builds students' abilities to construct extended arguments and synthesize diverse materials. Emphasizes information literacy, including evaluating source material and making strategies and appropriate use of different sources. Usually offered every term. *Note:* Completion of LIT-106 with a grade of C or better and an Advanced Placement English Language and Composition score of 4 or 5, or a Higher Level International Baccalaureate Examination score of 5 or higher fulfills the university College Writing and Writing Proficiency requirement.

LIT-120 Interpreting Literature FA1 (3) Analysis and interpretation of literary texts: poetry, drama, and prose fiction. The general process through which one comes to a more comprehensive understanding of literary works. Since interpreting entails the ability to communicate understanding, the course also teaches the writing of interpretive criticism. Usually offered every term.

LIT-125 Great Books that Shaped the Western World FA2 (3) This course enriches students' knowledge and appreciation of Western civilization by familiarizing them with some of the most important literary texts in Western literature from Homer through the nineteenth century. In addition to studying these works for their literary artistry, the course addresses the cultural context of these works, the ethical issues they address and the pivotal roles they have played in Western society, and what it means to call a work "a classic." Usually offered every term.

LIT-130 Honors English I (3) Limited to first-year students by invitation. Usually offered every fall. *Note:* Completion of LIT-130 and LIT-131 with grades of C or better fulfills the university College Writing and Writing Proficiency Requirement.

LIT-131 Honors English II (3) Limited to first-year students by invitation. Usually offered every spring. *Note:* Completion of LIT-130 and LIT-131 with grades of C or better fulfills the university College Writing and Writing Proficiency Requirement.

LIT-132 Honors English, Intensive (3) Develops students' academic writing and research skills. Builds students' abilities to construct extended arguments and synthesize diverse materials. Emphasizes information literacy, including evaluating source material and making strategies and appropriate use of different sources. Usually offered every term. *Note:* Completion of LIT-132 with a grade of C or better and an Advanced Placement English Language and Composition score of 4 or 5, score of 4 or 5, or a Higher Level International Baccalaureate Examination score of 5 or higher fulfills the university College Writing and Writing Proficiency Requirement. Open only to students in the University Honors Program.

LIT-135 Critical Approach to the Cinema FA1 (3) Analysis of film content and style through screenings and substantial readings in aesthetic theory and film history. Also considers social issues, cultural artifacts, and forms of artistic expression. Usually offered every term.

LIT-150 Third World Literature FA3 (3) An introduction to literature written by writers from the Third World: Africa, Asia, and Latin America. The emphasis is on contemporary fiction and the ways that this writing depicts cultural and political change brought about by the impact of outside forces. Usually offered every term.

LIT-160 The Culture of Higher Education in the United States (3) This course explores cultural assumptions underlying academic practices and personal interactions in U.S. university communities, with special attention on how U.S. cultural norms are viewed by observers from other countries. Includes understanding the educational institutional context including the role of academic integrity; examining student-faculty interactions; conducting research; and successful cultural adaptation. Usually offered every term.

LIT-180 Writing Workshop (3) An intensive writing seminar reviewing grammar and the principles of clear, correct expository prose. Usually offered every term. *Prerequisite:* LIT-100 and LIT-101 or equivalent or permission of instructor.

LIT-200 Introduction to Creative Writing (3) With departmental permission, course may be repeated for credit, but not in the same term. Creative writing for beginning students who want to write poetry, fiction, drama, reportage, and autobiography, with specific assignments in each category. Usually offered every term. *Prerequisite:* LIT-100 and LIT-101 or equivalent.

LIT-202 Writing for Prospective Lawyers (3) An advanced course in writing designed to hone the skills necessary to write legal briefs, memoranda, and agreements. Particular attention is paid to logic and argumentation. Usually offered every term. *Prerequisite:* LIT-100 and LIT-101 or equivalent.

LIT-203 Business Writing (3) The course stresses clarity, conciseness, and directness in the preparation of correspondence, memoranda, reports, proposals, and other kinds of writing common in the business world. Usually offered every term. *Prerequisite:* LIT-100 and LIT-101 or equivalent.

LIT-205 Issues, Ideas, and Words (3) Through class discussions and frequent written assignments, the course helps students understand and articulate their learning in relation to thought in the humanities, natural sciences, and social sciences. Usually offered every term. *Prerequisite:* enrollment limited to students in the AEL program. *Note:* Completion of LIT-205 and either LIT-101 or LIT-103 with grades of C or better fulfills the university College Writing and Writing Proficiency Requirement.

LIT-210 Survey of American Literature I (3) A historical study of American writers and their contributions to the diversity of American literary forms and intellectual life, from the Puritan settlement to Dickinson and Whitman. Writers are appraised aesthetically, both individually and in cultural context. Usually offered every fall.

LIT-211 Survey of American Literature II (3) A historical study of American writers and their contributions to the diversity of American literary forms and intellectual life, from post-Civil War to the present. Writers are appraised aesthetically, both individually and in a cultural context. Usually offered every spring.

LIT-215 Writers in Print/in Person FA1 (3) Offers students the opportunity to study works by contemporary authors and then to continue their exploration of these works in meetings with the writers. Features locally and nationally prominent writers, including American University writing faculty. Usually offered every term.

LIT-220 Survey of British Literature I (3) A historical exploration of a range of writers in the British tradition, from Chaucer through the eighteenth century. Writers are examined as individual artists and as representatives of their age. Usually offered every fall.

LIT-221 Survey of British Literature II (3) A historical exploration of a range of writers in the British tradition, from the Romantic period through the twentieth century. Writers are examined as individual artists and as representatives of their age. Usually offered every spring.

LIT-225 The African Writer FA1 (3) Contemporary African literature, with special emphasis on the role of the writer. The course includes many of the major African literary works of the last sixty years—fiction, poetry, and drama—and at the same time focuses on the African writer's unique role as creator of functional art. Usually offered every fall.

LIT-235 African-American Literature FA2 (3) A survey of African-American literature beginning with the poet Phillis Wheatley and the slave narratives of the 1700s and concluding with Malcolm X and Toni Morrison. The emphasis is on the continuity of black writing within its historical and cultural contexts. Usually offered every spring.

LIT-240 Asian American Literature FA2 (3) The recent explosion of Asian American literature—defined as literature by writers of Chinese, Japanese, Korean, Indian, Pakistani, and Filipino descent living in North America—warrants close and historically-informed analysis. This course considers works by Asian American writers in light of orientalism, issues of race, ethnicity, gender, and identity, and historical pressures such as immigration policies and independence movements. Usually offered alternate springs.

LIT-242 Chinese Literature and Society (3) Offered as part of the AU Abroad Beijing program. Born as part of an iconoclast revolt against traditional culture, modern Chinese literature has a dual mission of enlightenment and national salvation. Through reading literary works of major Chinese writers, students examine the ingenuity of modern Chinese literature, gain a view of modern Chinese history, and gain an understanding of the Chinese conception of the evolving relationship between literature, politics, and society.

LIT-245 The Experience of Poetry FA1 (3) Without dwelling on “professional” terminology and technique, the course aims to make poetry more accessible and enjoyable through reading, writing, and discussion. Students are asked to write some poetry along with traditional papers, but the poetry assignments are designed to reassure those who doubt their creativity. Usually offered every term.

LIT-246 Cinema and the Twentieth Century FA1 (3) A historical study of cinema as an art form through the twentieth century, covering major cinematic developments in aesthetic, technological, and cultural terms. Films are examined as both individual texts and within their historical and cultural contexts. Usually offered every spring.

LIT-251 First-Year Seminar (3) Topics vary by section, may be repeated for credit with different topic. For students considering further study of literature. Each seminar focuses in detail and in depth on a single author's works, exploring various critical approaches within a broad historical, cultural, political, and philosophical context. Usually offered every spring. *Prerequisite:* LIT-105, LIT-120, or LIT-135; open only to first year students.

LIT-252 Survey of Literary Theory (3) A survey of theoretical approaches to literature, covering major schools and movements. The course introduces a variety of critical methods, including New Criticism, structuralism, deconstruction, feminism, Marxism, etc. Usually offered alternate falls.

LIT-265 Literature and Society in Victorian England FA2 (3) The connections between literary works and their social context. The course is divided into significant cultural subjects, such as the effect of scientific advancement on society at large, how Victorians perceived themselves at home and at work, and how issues of political reform affected literary works. Readings include historical studies, as well as novels and poems. Usually offered every spring.

LIT-270 Transformations of Shakespeare FA1 (3) Shakespeare's use of dramatic form, such as tragicomedy, masque, and spectacle. In addition, students learn about the interrelationship between form and meaning by seeing how the cultural myths encoded in these genres become transformed in different ages, media, and cultures. Usually offered every term.

LIT-301 Advanced Composition (3) Offers students development in advanced writing skills using contemporary theory and practice in argumentation, style, meta-analysis, process, and critical thinking. Usually offered every term.

LIT-308 Studies in Genre (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics examine expression in a variety of literary genres. Topics include sentimentalism and sensationalism, utopian literature, the gothic, and the epic. Usually offered every year.

LIT-309 Contemporary British Theater (3) Offered as part of the AU Abroad London Semester. This course provides a survey of British theater through seminars, reading plays, and attendance at a variety of performances in and near London. Discussions include the influence of actors and directors, and the contributions of set, costume, and lighting design. Usually offered every term.

LIT-310 Major Authors (3) Topics vary by section, may be repeated for credit with different topic. Intensive study of the works of one or more important authors. Attention is paid to the evolution of the author's canon, to the effects of (and on) the literary context, to the relationship between works and biography, and to the historical and cultural context of the writer. Usually offered every year.

LIT-315 Topics in American Romanticism (3) Topics vary by section, may be repeated for credit with different topic. American Romantic authors of the antebellum period reflected the effects of slavery, constraints on women, and materialism on the nation, and looked for the realization of a new age. Writers studied include Whitman, Melville, Emerson, Thoreau, Dickinson, Stowe, Poe, Sedgewick, Fuller, Douglass, and Jacobs. Usually offered every year.

LIT-316 Nineteenth Century American Novel (3) Emphasis on literary evolution of a form as it expresses historical evolution of national consciousness. Novelists studied include Hawthorne and Melville. Usually offered every year.

LIT-318 Topics in American Realism (3) Topics vary by section, may be repeated for credit with different topic. Post-Civil War literary realism reflected a time of both great wealth and squalor, with striving for self-expression by those who were marginalized, including African Americans, Native Americans, and women. Writers studied include Mark Twain, William Dean Howells, Theodore Dreiser, Henry Adams, Edith Wharton, Kate Chopin, Sarah Orne Jewett, Henry James, Charles Chesnut, Booker T. Washington, and W.E.B. Du Bois. Usually offered every other year.

LIT-321 Topics in American Modernism (3) Topics vary by section, may be repeated for credit with different topic. Modernism expressed a new consciousness of the United States as an urban nation and world power, pioneering advertising, mass culture, and avant-garde art. Authors include Fitzgerald, Hemingway, Faulkner, Eliot, Stevens, HD, Hughes, and Williams. Usually offered every year.

LIT-322 Topics in Contemporary American Literature (3) Topics vary by section, may be repeated for credit with different topic. Topics in American fiction, poetry, drama, and nonfiction of the past forty years. Usually offered every year.

LIT-323 Ethnic Literatures of the United States (3) Topics vary by section, may be repeated for credit with different topic. The old idea of the United States as a melting pot has given way to awareness of the unique and powerful contributions to the literature of the United States by Native Americans, African Americans, Chicano and Latino Americans, and Asian Americans. Topics vary across ethnic groups and genres. Usually offered every other year.

LIT-332 Shakespeare Studies (3) Topics vary by section, may be repeated for credit with different topic. More than any other playwright in the Western tradition, Shakespeare is extolled for creating memorable dramatic characters and riveting plots, along with brilliant language and arresting stage techniques. Rotating topics include early plays, later plays, and Shakespeare on film. Usually offered every term.

LIT-334 Topics in Renaissance Literature (3) Topics vary by section, may be repeated for credit with different topic. Some of the greatest art, poetry, and drama in the Western tradition flourished amidst the religious and political tumult of the Renaissance. Rotating topics include Renaissance drama, Renaissance poetry, and a survey of Renaissance literature (British or European). Usually offered every year.

LIT-337 Topics in Restoration and Enlightenment Literature (3) Topics vary by section, may be repeated for credit with different topic. In seventeenth and eighteenth century Britain new literary forms, such as the novel and the autobiography, responded to the far-reaching changes in philosophy, politics, and religion of the Restoration and Enlightenment. Rotating topics include Milton, Restoration drama, and the rise of the British novel. Usually offered every other year.

LIT-340 Topics in Nineteenth Century British and European Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in British and European literature ranging from nineteenth century melodrama in different national traditions to the Victorian novel, Victorian poetry, French realism, and French Symbolist poetry. Usually offered every year.

LIT-341 Topics in Romantic Literature (3) Topics vary by section, may be repeated for credit with different topic. In the wake of complete social and political upheaval, eighteenth and nineteenth century Romantic writers questioned longstanding assumptions. Rotating topics include the Romantic imagination, the politics of poetry, and the Shelley circle. Usually offered every year.

LIT-343 Topics in British and European Modernism (3) Topics vary by section, may be repeated for credit with different topic. European modernist vision and techniques, such as free verse and stream of consciousness, are some of the innovations owed to Modernism that have profoundly influenced the way we see, hear, and feel. Usually offered every year.

LIT-346 Topics in Film (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include film and literature, national cinema, film genres, major filmmakers, and independent filmmakers. Usually offered every year.

LIT-347 Spain and Latin America through Literature and Film (3) Through a survey of several different forms, contemporary Spanish and Latin American reality is presented in this course offered as part of the AU Abroad program in Madrid. It includes critical approaches to narrative textual discourses dealing with social structure and identity, and explores the relation between literature and film, showing Latin American countries as complex cultural arrangements in continuous redefinition.

LIT-350 Literature of Central Europe in the Twentieth Century (3) Introduces students to the literary interrelations among the various national and ethnic groups of Central Europe including Bohemia, Austria, Germany, and Hungary, and their dependence on Russian and Scandinavian authors. Writers studied include Dostoyevsky, Kafka, Koestler, Kraus, Meyerink, Schnitzler, Werfel, and Zweig. Offered only in Prague. Usually offered every fall.

LIT-360 Topics in Medieval Literature (3) Topics vary by section, may be repeated for credit with different topic. The literature of the Middle Ages reflects a radically different world view in writings that capture human beings at their best and worst moments. Rotating topics include Chaucer, Dante, and a survey of medieval literature. Usually offered every year.

LIT-365 Mediterranean Literature (3) Offered as part of the AU Abroad Madrid and the Mediterranean program. This course offers a review of the major Mediterranean world literary accomplishments of antiquity, the Renaissance, and the baroque, as well as contemporary Arab literature. Students become familiar with intrinsically Mediterranean topics such as epic travel, exile, and cross-fertilization among cultures, the works of Homer, Dante, and Cervantes and their trail of influence in modern literature and culture, as well as reading the works of major authors of Lebanon, Egypt, Palestine, and Morocco. Usually offered every fall.

LIT-367 Topics in World Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in a wide range of literature from around the world. Usually offered every year.

LIT-370 Topics in Women's and Gender Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics dealing with influence of gender on literature, including women and literature and nineteenth-century American women's literature. Usually offered every year.

LIT-379 Mediterranean Cross-Cultural Cinema (3) Offered as part of the AU Abroad Madrid and the Mediterranean program. Featuring a series of films, mostly produced in Mediterranean countries, which are a rich source for the study of inter cultural relations, this course studies the cinematic medium, not only as a data source, but as a language in itself. Different film traditions are analyzed in order to discover the type of stylistic conventions that vary from culture to culture, as well as cinema's potential for inter cultural communication. Usually offered every fall.

LIT-381 Interdisciplinary Approaches to Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including literature and sexuality, literature and the city, psychological approaches to literature, the culture of AIDS, the Holocaust, and literature and politics. Usually offered every year.

LIT-390 Independent Reading Course in Literature (1-6) *Prerequisite:* permission of instructor and department chair.

LIT-400 Creative Writing: Fiction (3) May be repeated for credit once with permission of instructor. A writing workshop with students reading their work aloud and commenting on one another's efforts. The instructor reserves the right to have the last word. Usually offered every term. *Prerequisite:* LIT-200 or equivalent, or permission of instructor.

LIT-401 Creative Writing: Poetry (3) May be repeated for credit once with permission of instructor. An intensive approach to the techniques of writing verse, followed by several weeks of workshop sessions in which students' poems receive responses from the entire class. Usually offered every term. *Prerequisite:* LIT-200 or equivalent, or permission of instructor.

LIT-402 Creative Writing: Film Script (3) May be repeated for credit once with permission of instructor. An introduction to writing developing stories for the screen. A study of the special contributions of the writer to film art. Screenings, reading, writing, and rewriting. Meets with LIT-702. Usually offered every term. *Prerequisite:* permission of instructor.

LIT-403 Creative Writing: Nonfiction (3) May be repeated for credit once with permission of instructor. An intensive workshop in which students share their memoirs and personal essays, developing techniques in point of view, dialogue, and creating scenes. Usually offered every spring. *Prerequisite:* LIT-200.

LIT-405 Seminar on Translation (3) Designed primarily for writers, this course introduces students to the international community of writers by providing approaches to and models for the translation of literary works as well as experience in translating. It is expected that students will learn about the use of their own language in the process. Fluency in another language is helpful but not required. Meets with LIT-705. Usually offered every spring.

LIT-422 Advanced Studies in Contemporary Literature (3) Topics vary by section, may be repeated for credit with different topic. Advanced topics in fiction, poetry, drama, and nonfiction of all national traditions of the past forty years, with emphasis on research. Meets with LIT-622. Usually offered every year.

LIT-434 Advanced Studies in Medieval and Early Modern Literature (3) Topics vary by section, may be repeated for credit with different topic. Some of the greatest art, poetry, and drama in the Western tradition flourished amidst the religious and political tumult of the Medieval and Early Modern eras. Rotating topics include medieval romance, Arthurian literature, Chaucer, Shakespeare, Renaissance drama, and Renaissance poetry, with emphasis on research. Meets with LIT-634. Usually offered every year.

LIT-437 Advanced Studies in Restoration and Eighteenth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. In seventeenth and eighteenth century Britain new literary forms, such as the novel and the autobiography, responded to the far-reaching changes in philosophy, politics, and religion of the Restoration and Enlightenment. Rotating topics include Milton, Restoration drama, and the rise of the British novel, with emphasis on research. Meets with LIT-637. Usually offered every year.

LIT-440 Advanced Studies in Nineteenth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in British and European literature ranging from nineteenth century melodrama in different national traditions to the Victorian or Romantic novel, Victorian or Romantic poetry, French realism, French Symbolist poetry, the Romantic imagination, the politics of poetry, and the Shelley circle, with emphasis on research. Meets with LIT-640. Usually offered every year.

LIT-443 Advanced Studies in Twentieth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include modernist fiction and poetry, the Harlem Renaissance, postmodernism, counterculture, experimental poetry, with emphasis on research. Meets with LIT-643.

LIT-446 Advanced Studies in Film (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include film and literature, national cinema, film genres, major filmmakers, and independent filmmakers, with emphasis on research. Meets with LIT-646. Usually offered every year.

LIT-467 Advanced Studies in World Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in a wide range of literature from around the world, with emphasis on research. Meets with LIT-667. Usually offered every year.

LIT-480 Senior Project in Literature (3) This course is the second in the capstone sequence for literature majors. Students tap into their own intellectual curiosity and develop their research, analytical, and writing skills, culminating in a 25 page paper. Class meetings provide support and structure for work on the project and include faculty guest speakers and student presentations. Usually offered every spring. *Prerequisite:* LIT-498.

LIT-481 Advanced Interdisciplinary Approaches to Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including literature and sexuality, psychological approaches to literature, literature and politics, and other approaches to literature through the lens of other disciplines, with emphasis on research. Meets with LIT-681. Usually offered every year.

LIT-490 Independent Study Project in Literature (1-6) *Prerequisite:* permission of instructor and department chair.

LIT-491 Practical Internship in Literature (1-6) Practical work in writing and research for various agencies and publications, and apprentice teaching experience with private schools and diverse groups, including the Writing Center. *Prerequisite:* permission of advisor and department chair.

LIT-498 Senior Seminar in Literature: The Value of Literature (3) This course is the first in the capstone sequence for literature majors. It addresses the following questions: Is literature separable from other forms of linguistic expression? Are there modes of interpretation and study unique to literature? Why has the assertion of literary value found expression in specifying a canon of particular works? Since art and literature are traditionally defined in terms of secondariness, either as reflection, mimesis, or as refinement, the course also addresses the issue of secondariness and marginalization in both literature and literary criticism. Usually offered every fall.

LIT-499 Honors, Senior Year (3)

Graduate and Advanced Undergraduate Course

LIT-520 Theories and Methodologies (3) This course introduces students to the theories necessary for the study of literature at the graduate level. It provides wide coverage of theoretical and critical issues in the field, as well as diverse modes of pedagogy. Students learn to think self-consciously of their own theoretical and critical methodologies, and to participate in scholarly debates in the field. Usually offered every fall. *Prerequisite:* admission to MA in Literature or permission of instructor.

LIT-521 Reading in Genre: Poetry (3) Overview of poetry from all significant literary periods; special attention paid to the history and forms of the genre. Usually offered alternate falls. *Prerequisite:* admission to MA in Literature or permission of instructor.

LIT-522 Reading in Genre: Drama (3) Overview of drama from all significant literary periods; special attention paid to the history and forms of the genre. Usually offered alternate springs. *Prerequisite:* admission to MA in Literature or permission of instructor.

LIT-523 Reading in Genre: Novel (3) Overview of the novel from all significant literary periods; special attention paid to the history and forms of the genre. Usually offered alternate falls. *Prerequisite:* admission to MA in Literature or permission of instructor.

LIT-524 Reading in Genre: Cinema (3) Overview of cinematic texts from all significant literary periods; special attention paid to the history and forms of the genre. Usually offered alternate springs. *Prerequisite:* admission to MA in Literature or permission of instructor.

LIT-590 Independent Reading Course in Literature (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

Note: When 400-level and 600-level courses meet together, registration at the 600-level requires graduate-level assignments and higher expectations regarding performance.

LIT-608 Studies in Genre (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics examine expression in a variety of literary genres. Topics include sentimentalism and sensationalism, utopian literature, the gothic, and the epic. Usually offered every year.

LIT-622 Advanced Studies in Contemporary Literature (3) Topics vary by section, may be repeated for credit with different topic. Advanced topics in fiction, poetry, drama, and nonfiction of all national traditions of the past forty years, with emphasis on research. Meets with LIT-422. Usually offered every year.

LIT-634 Advanced Studies in Medieval and Early Modern Literature (3) Topics vary by section, may be repeated for credit with different topic. Some of the greatest art, poetry, and drama in the Western tradition flourished amidst the religious and political tumult of the Medieval and Early Modern eras. Rotating topics include medieval romance, Arthurian literature, Chaucer, Shakespeare, Renaissance drama, and Renaissance poetry, with emphasis on research. Meets with LIT-434. Usually offered every year.

LIT-637 Advanced Studies in Restoration and Eighteenth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. In seventeenth and eighteenth century Britain new literary forms, such as the novel and the autobiography, responded to the far-reaching changes in philosophy, politics, and religion of the Restoration and Enlightenment. Rotating topics include Milton, Restoration drama, and the rise of the British novel, with emphasis on research. Meets with LIT-437. Usually offered every year.

LIT-640 Advanced Studies in Nineteenth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in British and European literature ranging from nineteenth century melodrama in different national traditions to the Victorian or Romantic novel, Victorian or Romantic poetry, French realism, and French Symbolist poetry, the Romantic imagination, the politics of poetry, and the Shelley circle, with emphasis on research. Meets with LIT-440. Usually offered every year.

LIT-643 Advanced Studies in Twentieth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include modernist fiction and poetry, the Harlem Renaissance, postmodernism, counterculture, experimental poetry, with emphasis on research. Meets with LIT-443.

LIT-646 Advanced Studies in Film (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include film and literature, national cinema, film genres, major filmmakers, and independent filmmakers, with emphasis on research. Meets with LIT-446. Usually offered every year.

LIT-667 Advanced Studies in World Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics in a wide range of literature from around the world, with emphasis on research. Meets with LIT-467. Usually offered every year.

LIT-681 Advanced Interdisciplinary Approaches to Literature (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including literature and sexuality, psychological approaches to literature, literature and politics, and other approaches to literature through the lens of other disciplines, with emphasis on research. Meets with LIT-481. Usually offered every year.

LIT-690 Independent Study Project in Literature (1-6) *Prerequisite:* permission of instructor and department chair.

LIT-691 Graduate Internship (1-6) Practical experience making use of students' writing and organizational skills. Required for MFA candidates. *Prerequisite:* graduate standing in the department, and permission of instructor and department chair.

LIT-700 Advanced Fiction Workshop (3) May be repeated for credit, but not in the same term. A writing workshop with students reading their work aloud and commenting on one another's efforts. The instructor reserves the right to have the last word. Graduate students are expected to submit 12,500 words or more. Usually offered every term. May be taken pass/fail only. *Prerequisite:* admission to MFA in Creative Writing.

430 Course Descriptions

LIT-701 Advanced Poetry Workshop (3) May be repeated for credit, but not in the same term. An intensive approach to the techniques of writing verse, followed by several weeks of workshop sessions in which students' poems receive responses from the entire class. Usually offered every term. May be taken pass/fail only. *Prerequisite:* admission to MFA in Creative Writing.

LIT-702 Creative Writing: Film Script (3) May be repeated for credit, but not in the same term. An introduction to writing developing stories for the screen. A study of the special contributions of the writer to film art. Screenings, reading, writing, and rewriting. Meets with LIT-402. Usually offered every term.

LIT-703 Creative Storytelling Workshop (3) Intensive workshop in storytelling and public performance. Includes creative improvisation; research, selecting, adapting, and performing traditional folktales; developing and performing personal and family stories; working with voice, sound effects, movement, gesture, and expression; editing stories for public performance; and coaching fellow tellers. Usually offered alternate springs and summers. May be taken pass/fail only.

LIT-704 Advanced Creative Nonfiction Workshop (3) Topics vary by section, may be repeated for credit with different topic. Intensive critical workshop in writing memoirs and personal essays, emphasizing the development of the first-person voice. Usually offered alternate springs. May be taken pass/fail only. *Prerequisite:* admission to MFA in Creative Writing program or permission of instructor.

LIT-705 Seminar on Translation (3) Designed primarily for writers, this course introduces students to the international community of writers by providing approaches to and models for the translation of literary works as well as experience in translating. It is expected that students will learn about the use of their own language in the process. Fluency in another language is helpful but not required. Meets with LIT-405. Usually offered every spring. *Prerequisite:* admission to MFA in Creative Writing program or permission of instructor.

LIT-710 The Art of Literary Journalism (3) A workshop in which the craft of reviewing books, plays, movies, TV, art, and music is practiced. Clear expository writing is the aim, tied to established criteria for sound critical approaches in journalism. Usually offered every fall. *Prerequisite:* permission of instructor.

LIT-730 Teaching Composition (3) An introduction to the field of composition studies as well as the theory and practices of teaching academic writing. Students wrestle with fundamental questions about writing and the personal, social, and cultural dimensions of literacy; explore the nature of written discourse, the composing process, and learning; and discuss issues and examine current approaches in teaching for contemporary composition classrooms. Usually offered every fall.

LIT-731 Teaching of Writing Practicum (3) An internship with a College Writing Program instructor and ongoing study in composition studies to prepare for teaching academic writing. Usually offered every spring. *Prerequisite:* LIT-730 or permission of instructor.

LIT-732 Seminar in Literary Theory (3) Topics vary by section, may be repeated for credit with different topic. Provides a methodological basis for theoretical approaches to literary studies and focuses on critical issues in the study of literature. Topics include the

history of aesthetics, contemporary literary theory, and feminist theory. Usually offered every fall.

LIT-733 Special Topics in Literature (3) Topics vary by section, may be repeated for credit with different topic. Focuses on thematic and theoretical approaches to literature that traverse historical periods and national boundaries. Offered irregularly.

LIT-735 Seminar in Renaissance and Seventeenth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. Varies in content to cover English, European, or American colonial literature. Usually offered alternate falls.

LIT-736 Seminar in Eighteenth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. Varies in content to cover English, European, or American literature. Usually offered alternate springs.

LIT-737 Seminar in Nineteenth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. Varies in content to cover English, American, or world literature. Usually offered alternate falls.

LIT-738 Seminar in Twentieth Century Literature (3) Topics vary by section, may be repeated for credit with different topic. Varies in content to cover English, American, or world literature. Usually offered alternate springs.

LIT-750 Folger Seminar in Renaissance and Eighteenth Century Studies (3) An exploration of Renaissance and eighteenth century themes offered through the Folger Institute. Students draw on materials available in the Folger Library collections for their research. Usually offered every term. Students must apply directly to the Folger Institute to be admitted to the seminar; consult the department for more information. *Prerequisite:* permission of department.

LIT-793 Directed Research in Literature (3) Students work closely with a faculty member on a scholarly article (20-35 pages) developed from a paper originally submitted for a graduate literature course, with the potential for publication in a scholarly journal. Students enhance their skills in conducting research and/or situating an idea within current scholarly dialogue in the field. Usually offered every term.

LIT-797 Master's Thesis Seminar (1-6) May be taken SP/UP only.

Mathematics

Undergraduate Courses

Note: Students should consult the department for advice and placement testing for appropriate mathematics and statistics courses.

MATH-022 Basic Algebra (2) An introduction to algebra. Includes a review of integer and rational numbers; solving linear equations in one or two variables; word problems; polynomials and rational expressions; radicals; the quadratic formula; and some graphing techniques. Usually offered every term. *Note:* Intended for students with inadequate preparation for other courses in mathematics. No academic credit is received for this course, nor does it fulfill the mathematics requirement for any degree program. Credit equivalent is listed only for the purpose of determining full-time student status.

MATH-150 Finite Mathematics (3) Review of algebra, sets, linear equations and inequalities, nonlinear inequalities, interest problems, systems of linear equations, functions and graphs, and elementary data analysis. Usually offered every term. *Prerequisite:* three years of high school mathematics or equivalent. *Note:* For students who need extra work on mathematical skills. No credit toward mathematics major. Students may not receive credit for more than one course numbered MATH-15x.

MATH-151 Finite Mathematics (3) Review of algebra, sets, linear equations and inequalities, nonlinear inequalities, interest problems, systems of linear equations, functions and graphs, and elementary data analysis. Usually offered every term. *Prerequisite:* three years of high school mathematics or equivalent. *Note:* No credit toward mathematics major. Students may not receive credit for more than one course numbered MATH-15x.

MATH-154 Great Ideas in Mathematics (4) This course explores a sample of beautiful branches of modern mathematics, concentrating on conceptual underpinnings rather than technical aspects. Includes study of infinity, number theory, fractals, and modern geometry, among other mathematical ideas. The course focuses on verbal and written communication skills and problem solving. *Prerequisite:* three years of high school mathematics or equivalent. *Note:* No credit toward mathematics major. Students may not receive credit for more than one course numbered MATH-15x.

MATH-155 Elementary Mathematical Models (3) Study of mathematical subjects including linear, quadratic, polynomial, rational, exponential, and logarithmic functions, in the context of difference equations models. Emphasizes concepts and applications using numerical, graphical, and theoretical methods. Also includes an introduction to the mathematical subject of chaos. Usually offered every term. *Prerequisite:* three years of high school mathematics or equivalent. *Note:* No credit toward mathematics major. Students may not receive credit for more than one course numbered MATH-15x.

MATH-160 Applied Precalculus (3) Fundamentals of algebraic, exponential, and logarithmic functions with emphasis on applications to problems in business and economics and the natural sciences. Usually offered every term. *Prerequisite:* three years of high school mathematics or equivalent. *Note:* Intended primarily for students planning to take MATH-211 Applied Calculus I. No credit toward mathematics major. Students may not receive credit toward a degree for both MATH-160 and MATH-170.

MATH-170 Precalculus Mathematics (3) Fundamentals of algebraic, logarithmic, exponential, and trigonometric functions. Usually offered every term. *Prerequisite:* three years of high school mathematics, or MATH-15x, or permission of department. *Note:* Intended primarily for students planning to take MATH-221 Calculus I. Students may not receive credit toward a degree for both MATH-160 and MATH-170.

MATH-211 Applied Calculus I (4) Functions, differentiation, and integration. Applications to several areas, especially business. Usually offered every term. *Prerequisite:* MATH-160 or MATH-170, or four years of high school mathematics. *Note:* Credit toward a major in the Department of Mathematics and Statistics requires departmental approval. Students may not receive credit toward a degree for both MATH-211 and MATH-221.

MATH-221 Calculus I (4) Real numbers; coordinate systems; functions; limits and continuity; differentiation and applications; trigonometric functions; indefinite and definite integration and applications; fundamental theorem of integral calculus. Usually offered every term. *Prerequisite:* MATH-170 or four years of high school mathematics. *Note:* Students may not receive credit toward a degree for both MATH-221 and MATH-211.

MATH-222 Calculus II (4) Techniques of integration, calculus of exponential and logarithmic functions, infinite series, power series representations, and analytic geometry. Usually offered every term. *Prerequisite:* MATH-211 or MATH-221, or permission of department.

MATH-310 Linear Algebra (3) Vector spaces, systems of linear equations, solutions by matrices, determinants, linear transformations, and algebraic forms. Usually offered every term. *Prerequisite:* MATH-222 (may be taken concurrently).

MATH-313 Calculus III (4) Vectors, functions of several variables, partial differentiation, and multiple integrals. Usually offered every term. *Prerequisite:* MATH-222.

MATH-321 Differential Equations (3) First order equations, linear equations of higher order, solutions in series, Laplace transforms, numerical methods, and applications to mechanics, electrical circuits, and biology. Usually offered every fall. *Prerequisite:* MATH-313 and MATH-310, both of which may be taken concurrently.

MATH-345 Introduction to Game Theory (3) This course explores applications such as auctions, firm competition, and voting with mathematical analysis. It includes Nash equilibrium, subgame perfect equilibrium, evolutionary stability, repeated games, signaling, mechanism design, uncertainty, and behavioral game theory. Meets with ECON-345. Usually offered every fall. *Prerequisite:* ECON-200, and MATH-211 or MATH-221. *Note:* This course does not fulfill the University Mathematics Requirement.

MATH-360 Tools of Scientific Computing (3) Designed to teach scientific rigor in the use of computers and/or computational tools. Techniques from mathematics are introduced which lead to efficient algorithm design, algorithm analysis, data classification, data manipulation, and scientific computation. Includes data types, induction, recursion, sorting, searching, summation, optimization, asymptotic analysis, basic number theory, discrete probability, and parallel computing. Meets with CSC-360. Usually offered every fall. *Prerequisite:* CSC-280, CSC-281, MATH-221, and MATH-222.

MATH-390 Independent Reading Course in Mathematics (1-6) *Prerequisite:* permission of instructor and department chair.

MATH-490 Independent Study Project in Mathematics (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

MATH-501 Probability (3) Algebra of sets; probability in discrete sample spaces; combinatorial analysis; random variables; binomial, Poisson, normal, and other distributions; and applications. Usually offered every fall. *Prerequisite:* MATH-313 (may be taken concurrently) or permission of instructor.

MATH-503 Foundations of Mathematics (3) An introduction to the proof-based methodology of advanced mathematics courses, with emphasis on the fundamentals of logic and set theory (truth-tables and quantifiers, Boolean operations, functions, relations, and cardinality); elementary number theory (mathematical induction and modular arithmetic), and structural properties of the fields of real and complex numbers. Usually offered every term. *Prerequisite:* MATH-222.

MATH-504 Advanced Calculus of Several Variables (3) Vector-functions of several variables, limits and continuity, differentials and tangent plane, implicit and inverse functions, line and surface integrals, gradient, divergent, curl, Stoke's and Green's theorems. Usually offered alternate springs (odd years). *Prerequisite:* MATH-310 and MATH-313 and MATH-503, or permission of instructor.

MATH-505 Mathematical Logic (3) The mathematical study of the scope and limits of deductive reasoning with special attention to propositional and first order logic, leading to results concerning completeness, compactness, and the existence of decision procedures for various logical systems, culminating in the incompleteness theorems of Godel. Usually offered alternate falls (even years). *Prerequisite:* MATH-503 or permission of instructor.

MATH-510 Geometry (3) Euclidean and non-Euclidean (spherical, elliptic, and hyperbolic) geometries from axiomatic and analytic points of view. Includes isometrics, transformation groups, symmetry groups, quadratic forms, projective geometry, as well as some historical background. Usually offered alternate falls (even years). *Prerequisite:* MATH-310 or equivalent.

MATH-512 Introduction to Modern Algebra (3) Groups, rings, vector spaces and modules, fields, and Galois theory. Usually offered every fall. *Prerequisite:* MATH-503 or permission of instructor.

MATH-513 Rings and Fields (3) An advanced study of rings and fields with a focus on polynomials and their roots. Includes ring theory, factorization, polynomials, field theory, ruler and compass constructions, Galois theory, and solvability of polynomials. Usually offered alternate springs (odd years). *Prerequisite:* MATH-512.

MATH-515 Number Theory (3) Divisibility, fundamental theorem of arithmetic, congruences, arithmetic functions, Diophantine equations, quadratic residues, sums of squares, and partitions. Usually offered alternate falls. *Prerequisite:* MATH-503 or permission of instructor.

MATH-520 Introduction to Analysis (3) This course develops the foundations of mathematical analysis by focusing on the real numbers as a complete ordered field, infinite sequences and series, limits and continuity, and key theorems of the differential and integral calculus. Usually offered every fall. *Prerequisite:* MATH-503 or permission of instructor.

MATH-521 Measure Theory and Integration (3) This course presents the fundamental concepts and techniques of measure theory. It includes Borel sets, measures, measurable sets and functions, integrals as measures, L_p spaces, modes of convergence, and decomposition and generation of measures (including product measure). Usually offered alternate springs (even years). *Prerequisite:* MATH-503 and MATH-520, or permission of instructor.

MATH-540 Topology (3) Topological spaces, continuity, compactness, connectedness, and metric spaces. Usually offered alternate falls (odd years). *Prerequisite:* MATH-503 or permission of instructor.

MATH-550 Complex Analysis (3) Complex functions, Cauchy's theorem and integral formulae, Taylor and Laurent series, residue calculus and contour integration, and conformal mapping. Usually offered every spring. *Prerequisite:* MATH-313 and MATH-503, or permission of instructor.

MATH-551 Partial Differential Equations (3) Fourier series, orthonormal systems, wave equation, vibrating strings and membranes, heat equation, Laplace's equation, harmonic and Green functions. Usually offered alternate springs (odd years). *Prerequisite:* MATH-321.

MATH-560 Numerical Analysis: Basic Problems (3) Computer arithmetic and error analysis in computation, matrix decomposition methods in solving systems of linear equations and linear least squares problems, polynomial approximation and polynomial data fitting, iterative algorithms for solving nonlinear equations, and numerical differentiation and integration. Usually offered alternate falls (even years). *Prerequisite:* CSC-280, MATH-222, and MATH-310, or permission of instructor.

MATH-570 History of Mathematics (3) This course surveys aspects of historical development of mathematics from ancient to modern times and examines the ideological, social, and cultural forces which shaped this development. By providing historical continuity, the course interrelates and unifies the major subject areas such as algebra, calculus and analysis, geometry, number theory, probability, set theory, and the foundation of mathematics. Usually offered alternate springs. *Prerequisite:* MATH-222.

MATH-580 Topics in Mathematics (3) Topics vary by section, may be repeated for credit with different topic. Topics include foundations/set theory/logic, matrix theory, algebraic topology, measure and integration, functional analysis, ring theory, modern geometry, and advanced modern linear algebra. Usually offered every spring.

MATH-585 Mathematics Education (3) Curriculum construction and program design, instructional effectiveness, and methods and technology for teaching mathematics. Different approaches for students with a variety of mathematical and cultural backgrounds. Required of all students in mathematics education. Usually offered every fall. *Prerequisite:* MATH-313.

MATH-590 Independent Reading Course in Mathematics (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

MATH-601 Harmonic Analysis (3) Harmonic analysis on the circle, the real line, and on groups. The main concepts are: periodic functions, Fourier series, Fourier transform and spherical harmonics. The course includes a brief account of the necessary ingredients from the theory of the Lebesgue integral. Usually offered alternate springs (even years). *Prerequisite:* MATH-310, MATH-313, and MATH-503, or permission of instructor.

MATH-680 Advanced Topics in Mathematics (3) Topics vary by section, may be repeated for credit with different topic. Intensive courses in a specialized area of mathematics.

MATH-685 Practicum in Mathematics Education (3) May be repeated for credit. Seminar course in researching, implementing, and writing in publishable form an innovative teaching methodology, educational contribution, or internship in cooperating school system, college, or other organization involving teaching. Required of all students in the PhD program in mathematics education. Usually offered alternate springs.

MATH-690 Independent Study Project in Mathematics (1-6)
Prerequisite: permission of instructor and department chair.

MATH-790 Research Seminar in Mathematics Education (3) In-depth exploration of current issues in mathematics education. A research paper and presentation are required. Course required of all students in the PhD program in mathematics education. May be repeated for credit, but not within the same term; topic must be different. Usually offered alternate springs.

MATH-797 Master's Thesis Research (1-6) Usually offered every term. May be taken SP/UP only.

MATH-799 Doctoral Dissertation Seminar in Mathematics (1-12) Usually offered every term.

Business: Management

Undergraduate Courses

MGMT-201 Global Corporate Citizenship (3) Understanding the complexity of the business environment requires an understanding of business as a citizen. Certainly a good business citizen obeys the law, but is that sufficient? Good business citizenship also requires participation in the social order and accepting and perpetuating common values. This course prepares students to be managers and leaders of businesses that practice good citizenship in the global economy.

MGMT-301 The Entertainment Industry: Structure and Business Models (3) Examines the traditional structures of the music, film, television, publishing, and video game industries, their prior business models, and those that are currently emerging. Students also research new and emerging technologies and discuss what impact they may have on the future of content creation and delivery.

MGMT-302 Entertainment Law (3) Behind every television program, motion picture, or recording lies a complex series of legal agreements, which cover acquisition of rights, engaging talent, use of recordings on television, and much more. This course examines legal issues specific to and important for the entertainment industry, including legal aspects of contractual structures common in the industry, the law of intellectual property, and the major regulatory laws affecting the industry. *Prerequisite:* ACCT-301.

MGMT-303 Representing Talent (3) Examines the crucial role that agents, managers, and lawyers play in the careers of athletes and entertainers. Addresses questions including how to become a manager or agent; the legal structures in place to protect artists and athletes from unscrupulous managers and agents; specific requirements of sports leagues, unions, and guilds for agents who represent talent; and what happens when talent wants to fire an agent or manager. Students look at key legal cases, examine management and talent agency agreements, and learn more about the practice in both sports and entertainment.

MGMT-304 Protecting the Creative Class in the Face of Technological Innovation (3) Technology changes have dramatically affected the way that consumers interact with entertainment media and content. Students examine these seismic shifts in the creation and distribution of motion pictures, television programming, music, and printed works. Emphasis is placed on P2P file-sharing, streaming of music and the growth of Internet Radio, the Google Book Settlement, and other technological changes that have affected songwriters, recording artists, film and television studios, and other content creators.

MGMT-305 Music Publishing and Copyright (3) This course provides an introduction to the basics of the rights that composers and lyricists receive under U.S. Copyright Law and the role of the music publisher in popularizing songs. Students study sampling and attempt to create model licensing agreements for the use of samples. Students also learn about the use of songs in motion pictures, video games, television programs, and commercials. Given the dramatic change in the nature of publishing rights and many current events of interest, the course also examines critical cases that may affect the rights of composers, lyricists, and publishers in the coming years.

MGMT-353 Management and Organizational Behavior (3) Current management and organizational behavior practice and research. This course provides a broad framework and skills for managers in a variety of contexts, including organizational goals and responsibilities; models; decision theory; planning; control; motivation; leadership; group behavior; team skills intensive; conflict; and organizational change. *Prerequisite:* completion of 45 credits or permission of instructor.

MGMT-360 Nonprofit and Social Entrepreneurship (3) Nonprofit and social entrepreneurs can be a dynamic change agent for society and this course provides an in-depth exposure to starting a new nonprofit as well as creating new ventures within an existing nonprofit organization. The course focuses on entrepreneurship thinking and the process for successful new ventures within a nonprofit context. In addition, entrepreneurship's actual and potential contribution to changing lives, improving the environment in which we live, and its contribution to overall national, regional, and local economic and social development are also included. *Prerequisite:* junior or senior standing.

MGMT-361 Global Entrepreneurship and Micro Enterprises (3) Entrepreneurship is a driving and dynamic force in developed, developing, and less developed counties around the world. This course explores the complex considerations in developing, starting, and growing an entrepreneurship enterprise in multiple contexts and cultures. The utilization of alternative entrepreneurship and micro ventures strategies are also explored. *Prerequisite:* junior or senior standing.

MGMT-381 Managing Human Capital (3) This course introduces the strategic and functional role of human resource management in organizations, including personnel functions such as recruitment, selection, training, performance appraisal, and compensation. Additionally, students gain an appreciation for organizational and legal constraints affecting managers in private, public, and not-for-profit organizations. *Prerequisite:* junior or senior standing.

MGMT-382 Entrepreneurship and Innovation (3) Entrepreneurship is a way of thinking and behaving that can enrich your life, enhance the organizations you are involved with, and create substantial, high-impact results. Successful entrepreneurs who start their own new ventures or new ventures within corporate, consulting, nonprofit, government, or social enterprises have developed many of the same attitudes, behaviors, knowledge, and skills. *Prerequisite:* junior or senior standing.

MGMT-383 Entrepreneurship Business Plans: Creating, Building, and Managing Ventures (3) This course helps students understand the principles for developing entrepreneurial business plans to successfully create, build, and manage a new venture. Students gain an appreciation for the challenges of creating a venture and an understanding of the elements of a business plan as well as learning how to distinguish good ideas from good opportunities and developing a formal business plan to raise required resources. The course examines the driving forces that play a role in planning and setting up a business. *Prerequisite:* ACCT-240 and MGMT-382.

MGMT-390 Independent Reading Course in Management (1-3) *Prerequisite:* permission of instructor and department chair.

MGMT-391 Internship in Management (1-6) Provides students with the opportunity to blend practical business work experience with academic study. The academic workload varies depending on the internship credit to be earned. *Prerequisite:* MGMT-353 and permission of instructor.

MGMT-409 Leading High Performance Teams (3) Modern organizations demand synergistic results from collaborative workforce structures. This course teaches specific techniques for leading work teams to augment multiple performance outcomes. Students gain both an explicit and an experiential understanding of team management in business organizations, both as a member and as a supervisor. *Prerequisite:* junior or senior standing.

MGMT-458 Business Policy and Strategy (3) Integration of knowledge in functional areas of business and simulation of management experiences. Various methods of simulating a management environment are employed, including case studies and computerized management problems. Must be taken in the last two semesters prior to graduation. *Prerequisite:* ACCT-241, FIN-365, IBUS-300, ITEC-355 (ITEC-355 may be taken concurrently), MGMT-353, and MKTG-300.

MGMT-465 Negotiation (3) This course is designed to improve negotiating skills in all phases of the negotiating process through understanding prescriptive and descriptive negotiation theory as it applies to personal and professional negotiations. In-class simulations and out-of-class assignments are employed to introduce negotiation concepts in a variety of contexts, including one-on-one, multi-party, cross-cultural, third-party, and team negotiations. *Prerequisite:* junior or senior standing.

MGMT-469 Entrepreneurship Financial and Legal Strategies (3) Entrepreneurship financing and related financial legal issue considerations are critical components of an entrepreneurial business plan and running the business. This course covers a range of entrepreneurship financing strategies as well as their related legal considerations. Meets with MGMT-669. *Prerequisite:* ACCT-240 or equivalent, or permission of instructor.

MGMT-471 Peace through Entrepreneurship and Global Business Practicum (3) The course has three major components: experiential learning in which students work in teams to assist entrepreneurs in post-conflict regions to develop their business plans; seminars led by guest speakers with on-the-ground experience with entrepreneurship, global business, and economic development in post-conflict areas; and a guided research component wherein students choose a specific topic within the spectrum of peace through commerce issues. Meets with MGMT-671 and IBUS-471/671.

MGMT-484 Consulting and Project Management (3) This course provides critical skills for consulting and project management in business, government, and other organizations. It covers all dimensions of successful management consulting projects, developing and managing client relationships, project definition, building a project team, planning, analytical tools and risk analysis, project politics and communication, and managing ongoing projects. *Prerequisite:* MGMT-353.

MGMT-490 Independent Study Project in Management (1-3) *Prerequisite:* upper-division standing and permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

MGMT-517 Sustainability Systems: Legal, Regulatory, and Policy Issues (3) This course provides a general understanding of key legal, regulatory, and policy issues that relate to the concept of sustainability across three primary tracks: business, science, and policy. The course provides a foundational background that focuses on the major actors, interests, and challenges in sustainability and their interplay with related legal and regulatory principles.

Graduate Courses

MGMT-607 High Performance Teams (1.5) Modern organizations demand synergistic results from collaborative workforce structures. This course helps students gain both an explicit and an experiential understanding of factors associated with high performing teams, from both member and managerial perspectives. Students learn specific techniques for managing teams and assessing their own team-related competencies.

MGMT-608 Negotiations Strategy and Tactics (1.5) Focuses on negotiation and influence skills and effectiveness. Emphasis on tactics, behaviors, negotiation personalities and styles are addressed. Negotiation skills are developed and strategies, common tactics and behaviors, negotiation personalities/styles, and ethical issues in negotiation are addressed within the context of dyadic, multi-party, cross-cultural, third-party, and team negotiations.

MGMT-609 Management of Organizations and Human Capital (3) The effective management of organizations and human capital are critical to creating and maintaining competitive advantage. This course covers a range of strategic and tactical issues designed to gain an understanding and skills that can be applied to organizational structuring; creating positive organizational cultures; introducing organizational development initiatives; as well as strategic and tactical issues in leading and managing human capital.

MGMT-611 Leading and Managing Change (3) Leading and managing change at the individual, group, and organizational levels are critical to the survival, growth, and success of organizations. This applies to organizations that are small or large, old or new, privately-held or publicly-traded, profit-seeking or non-profit. Organizations face complex environmental changes that impact their performance and respond with organizational changes such as downsizing, mergers, acquisitions, divestitures, and leadership change. This course explores the sources and processes of leading and managing organizational change.

MGMT-624 Applied Strategic Management in a Global Environment (3) Focuses on developing and applying strategic management to successfully position organizations in a competitive global environment. Course is integrated with previous course experiences to hone decision making, analysis, and oral and written communication skills. Students work in small teams to analyze a real company's external environment, perform an internal corporate audit, and build detailed action plans including implementation issues and financial forecasting. *Prerequisite:* ACCT-607, FIN-605, FIN-614, IBUS-618, ITEC-610, ITEC-616, MGMT-609, and MKTG-612.

MGMT-626 Management Consulting Practices and Methodologies (3) This course provides an overview of the consulting industry and the consulting process. Students gain an understanding of the consulting industry, consulting firm management, important consulting functions (proposal writing, data gathering, presenting recommendations, etc.) and the analytical tools used in consulting. Also includes client relationships, professionalism and ethics, and the consulting lifestyle. *Prerequisite:* admission to MBA program or permission of instructor.

MGMT-632 Strategic Human Capital Management (3) Strategically managing human capital can provide a competitive advantage for businesses and nonprofit organizations by understanding perspectives, systems, and tools to effectively linking people investments to organizational effectiveness. Includes architecture and measures related to workforce planning, recruitment, selection, development, performance management, and retention with focus on real-world applications.

MGMT-633 Leading People and Organizations (3) This course covers modern management theory and practice for planning, organizing, leading, and deploying human capital to maximize organizational and personal success. Students learn about the individual in context, including motivation, human capital planning, performance management, organizational culture, decision making and leadership of self and others.

MGMT-634 Leading Teams in Modern Organizations (3) Modern organizations demand synergistic results from collaborative workforce structures. This course is designed to help students gain both an explicit and an experiential understanding of factors associated with high performing teams, from both member and managerial perspectives. Students learn specific techniques for leading and managing teams and assessing their own team-related competencies.

MGMT-635 Ethics, Social Responsibility, and Governance (1.5) Effective organizational leadership requires an understanding of ethics, social responsibility, and governance. This course focuses on understanding and articulating standards of good behavior and on developing policies and procedures to assure that standards are met.

MGMT-660 Entrepreneurship and Innovation (3) Entrepreneurship is a way of thinking and behaving that can enrich your life, enhance the organizations you are involved with, and create substantial, high-impact results. Successful entrepreneurs who start their own new ventures or new ventures within corporate, consulting, nonprofit, government, or social enterprises have developed many of the same attitudes, behaviors, knowledge, and skills.

MGMT-661 Entrepreneurship Practicum: New Venture Business Plan (3) Creating effective business plans for entirely new ventures, or creating new venture business plans within corporations, government, nonprofit, or social organizations is central to entrepreneurship, innovation, and potential high-impact results. This is a practical, experiential course that focuses on the process of creating a new venture business plan. The course also covers growing and scaling the venture. Students create their own new venture business plan as an integral part of the course. *Prerequisite:* ACCT-607 or FIN-630 or equivalent, MGMT-660, or permission of instructor.

MGMT-663 Managing Private and Family Businesses (1.5) This course examines the uniqueness of companies that are privately held, and addresses the strengths and weaknesses of private and family businesses across stages of family and business development. It covers interpersonal issues such as systems theory, fairness, personal styles and values, and dealing with conflict, as well as business issues relating to having partners including roles, authority, governance, ownership, and sharing profits.

MGMT-664 Leadership: Exploring Styles and Developing Competencies (3) Leadership is a creative act; bringing change, setting direction, and focusing organizational energy. This course builds skill in thinking "outside the box" and aligning with others to enact a vision of the future. Includes empowerment of middle managers, corporation/non-profit entrepreneurship, innovation, influence, charisma, and self-management, creativity and vision exercises. *Prerequisite:* MGMT-609 or MGMT-633, or permission of instructor.

MGMT-665 Negotiations (3) Focuses on negotiation skills through application of prescriptive and descriptive bargaining and negotiation theory. Integrative and distributive strategies, common tactics and behaviors, negotiation personalities/styles, and ethical issues in negotiation are addressed within the context of dyadic, multi-party, cross-cultural, third-party and team negotiations.

MGMT-666 Strategic Alliances, Mergers, and Acquisitions (3) Strategic alliances and cooperative strategies are fundamental to many new ventures and are particularly important for Internet, information, and high-technology ventures. Entrepreneurs and executives need to understand the range of strategies available, their trade-offs, and how they fit into the portfolio of techniques to grow a new venture and achieve superior returns.

MGMT-668 Global Entrepreneurship and Micro Ventures (3) Entrepreneurship is a driving and dynamic force in developed, developing, and less developed countries around the world. This course explores the complex considerations in developing, starting, and growing an entrepreneurship enterprise in multiple contexts and cultures. The utilization of alternative entrepreneurship and micro ventures strategies are also explored. *Prerequisite:* MGMT-660 or permission of instructor.

MGMT-669 Entrepreneurship Financial and Legal Strategies (3) Entrepreneurship financing and related financial legal issue considerations are critical components of an entrepreneurial business plan and running the business. This course covers a range of entrepreneurship financing strategies as well as their related legal considerations. Meets with MGMT-469. *Prerequisite:* FIN-614 or FIN-630, or permission of instructor.

MGMT-670 Nonprofit and Social Entrepreneurship and Strategy (3) Entrepreneurship is a critical component in nonprofit organizations. Nonprofit and social entrepreneurs can be a dynamic change agent for society and this course provides an in-depth exposure to starting a new nonprofit as well as creating new ventures within an existing nonprofit organization. The course focuses on entrepreneurship thinking and the process for successful new ventures within a nonprofit context. In addition, entrepreneurs' actual and potential contribution to changing lives, improving the environment in which we live, and its contribution to overall national, regional, and local economic and social development are also included.

MGMT-671 Peace through Entrepreneurship and Global Business Practicum (3) The course has three major components: experiential learning in which students work in teams to assist entrepreneurs in post-conflict regions to develop their business plans; seminars led by guest speakers with on-the-ground experience with entrepreneurship, global business, and economic development in post-conflict areas; and a guided research component wherein students choose a specific topic within the spectrum of peace through commerce issues. Meets with MGMT-471 and IBUS-471/671.

MGMT-685 Topics in Management (1.5-3) Topics vary by section, may be repeated for credit with different topic. Rotating topics may include current managerial challenges, institutional change, interorganizational issues.

MGMT-687 Corporate Governance (3) This course examines the relationship between managers and shareholders, and the processes and systems that investors use to ensure that managers act in the best interests of the firm's owners. The course covers issues including boards of directors, executive compensation, ownership structure, etc., and uses a combination of readings and case studies. Meets with FIN-687. *Prerequisite:* FIN-614.

MGMT-688 Consulting Practicum (3) As a practicum, this experiential learning opportunity enables student teams, under the supervision of a faculty supervisor, to serve as consultants to organizations to create new ideas, prepare project and business plans, and solve problems, all at the strategic level. These teams work closely with client management to define and analyze difficult organizational, new product/business and competitive problems, and make recommendations for action. Students develop a deeper understanding of consulting as well as the interdependence of functional areas. They also improve their teamwork and communication skills. Students and the faculty supervisor meet regularly with the management of the client organization to develop a detailed Statement of Work and provide updates on progress through touch points during the semester. Following completion of necessary research and data analyses, the team submits a written report and makes a presentation of its recommendations to the management of the company. Meets with KSB-688. Enrollment is limited and selection is on a competitive basis. Applicants must submit a resumé to the instructor for approval to register. *Prerequisite:* minimum 3.3 GPA and permission of instructor.

MGMT-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

MGMT-691 Internship (1.5) May be taken pass/fail only. *Prerequisite:* permission of instructor and department chair.

MGMT-717 Sustainability Strategy and Management (3) Sustainability is increasingly becoming a significant issue for business. Stakeholders are demanding that businesses minimize their negative impacts on natural and social systems and instead strive to create economically, socially, and environmentally sustainable organizations. Sustainability considerations create challenges and opportunities for businesses. This course helps students understand the complex relationship between business, societies, governments, and the natural environment, with a focus on strategic considerations for business organizations.

Business: Marketing

Undergraduate Courses

MKTG-250 Fundamentals of Marketing and Business for Communications (3) This course provides an introduction to the fundamentals of marketing and business relevant to media and communications. Includes an overview of the principles of marketing, the business environment, and business strategy and an introduction to microeconomics and financial statements. *Note:* This course is designed for non-business majors only and may not be taken by students who have a declared or intended major in KSB.

MKTG-300 Principles of Marketing (3) Introduction to marketing decision making in business and nonprofit organizations. Particular attention is devoted to analysis of customer needs; segmenting markets; and developing product, promotion, pricing, and distribution strategies. Relationships between consumers, business, and government are explored. *Prerequisite:* ECON-200.

MKTG-301 Consumer Behavior (3) Study of marketing, psychology, sociology, and cultural anthropology to determine motivations for product purchases. A multimedia approach is used to illustrate the use of behavioral science theory to create new products and promotional campaigns. Students learn to analyze consumer decisions for products or services and to determine effectiveness of information provided by government and charitable organizations. *Prerequisite:* MKTG-300 or MKTG-250.

MKTG-302 Marketing Research (3) Study of research tools used to aid marketing decision making. Considers definition of research problems, selection of projects, and analysis of data. Execution of a consumer survey is a major component of the course. Students use computers to analyze research data. *Prerequisite:* MKTG-300 or MKTG-250, and STAT-202.

MKTG-311 Internet Marketing (3) Analysis of the Internet's impact on marketing decision making. Includes Internet marketing strategy, electronic markets, customer purchase behavior, Internet marketing ethics, and the impact of the Internet on product development, promotion, pricing, and distribution strategies. Attention is devoted to integrating on-line and off-line marketing strategies. *Prerequisite:* MKTG-300 or MKTG-250.

MKTG-390 Independent Reading Course in Marketing (1-3)
Prerequisite: permission of instructor and department chair.

MKTG-391 Internship in Marketing (1-6) Provides students with the opportunity to blend practical business work experience with academic study. The academic workload varies depending on the internship credit to be earned. *Prerequisite:* MKTG-300 or MKTG-250, and permission of instructor.

MKTG-402 Marketing Strategy (3) Analysis of current marketing management issues. Students develop a marketing plan for an outside organization, analyze case studies, and participate in computer simulation exercises. *Prerequisite:* MKTG-300 or MKTG-250, MKTG-302, and ACCT-241.

MKTG-411 Advertising and Marketing Communications Management (3) The role of advertising, public relations, personal selling, and sales promotion in business. Emphasis on how promotional campaigns are planned, created, and budgeted, and how these campaigns can inform buyers, change attitudes, and increase sales. *Prerequisite:* MKTG-301 (may be taken concurrently) and upper-division standing.

MKTG-412 Advertising and Promotion Campaigns (3) Development of an advertising campaign for a client. Includes formulation of advertising strategy, media planning, media buying, creative execution, and campaign evaluation. *Prerequisite:* MKTG-411 and upper-division standing.

MKTG-421 Brand Management (3) Students explore brand-building and brand management for products, services, and organizations. This highly-interactive course focuses on the strategies decisions and challenges faced by brand managers. Emphasis is placed on experience with proven strategies for building brands in the competitive marketplace, on the decisions and options faced by brand managers, and on the necessary tools to manage brands. Students construct the brand concept for a new advantage, create brand identity, and build brand equity over time. *Prerequisite:* MKTG-250 or MKTG-300.

MKTG-431 Direct Response Marketing (3) Examination of direct marketing tools, such as direct mail, direct-response broadcast and print advertising, and telemarketing. Use of database technology to target prospective customers, and review of direct marketing in specific industries such as financial, retail, political, and fund-raising. *Prerequisite:* MKTG-300 or MKTG-250.

MKTG-490 Independent Study Project in Marketing (1-3)
Prerequisite: MKTG-300 or MKTG-250, and MKTG-302, and permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

MKTG-541 Sports Marketing Management (3) This course introduces students to managerial decision making within the sports industry and other businesses that use sports as an important component of their marketing strategies. The primary emphasis of the course is the application of marketing principles to actual problems faced by practicing sports marketers. *Prerequisite:* undergraduate MKTG-300 or MKTG-250; graduate: MKTG-610, MKTG-612, or MKTG-632.

MKTG-551 Marketing for Social Change (3) This course develops the knowledge, skills, and perspectives to apply fundamental marketing concepts (e.g. customer orientation, segmentation, and positioning) to create beneficial changes in society. Designed for students whose career goals involve working in or with organizations who desire to promote social change, or who are interested in understanding the role and application of marketing beyond commercial gain. *Prerequisite:* undergraduate: MKTG-300 or MKTG-250; graduate: MKTG-610, MKTG-612, or MKTG-632.

MKTG-561 Customer Relationship Management and Database Marketing (3) This course provides an understanding of Customer Relations Management (CRM) principles and database marketing practices. Students learn how to develop, maintain, and append additional data to a customer information database, create a customer scoring model, and use customer database information for business planning and enhance sales performance. Students evaluate case studies of frequent buyer loyalty programs and data driven product recommendation systems. The course also shows how businesses use customer and consumer data to increase sales and market share in target demographic sectors. *Prerequisite:* undergraduate: MKTG-300 or MKTG-250; graduate: MKTG-610, MKTG-612, or MKTG-632.

Graduate Courses

MKTG-610 Marketing Management (1.5) This course focuses on the development of marketing strategy in business and in non-profit organizations. Global and high-technology perspectives are offered throughout the course. Harvard Business School and IMD case studies and descriptions of actual marketing problems are presented and students act as marketing managers in analyzing the evidence presented and in developing solutions in order for students to learn marketing problem-solving skills through experiential or interactive learning. *Prerequisite:* KSB-601 and enrollment in MBA program, or permission of department chair.

438 Course Descriptions

MKTG-612 Marketing Management (3) This course provides students with an introduction to current marketing management techniques and the tools necessary for effective marketing decision making. Includes the principles of marketing; global perspectives on marketing management; financial analysis tools for effective decision making; and marketing strategy.

MKTG-632 Understanding the Marketplace and Consumer (3) This course provides students with an introduction to the fundamental principles of marketing needed for business, both profit and non profit. Includes an overview of products and new product development; pricing strategies including costing and financial analysis; and understanding the marketing environment including segmentation and targeting tools. *Prerequisite:* admission to MS in Marketing program.

MKTG-641 Digital Marketing (1.5) The nature of digital marketing and e-commerce is constantly evolving and key issues change rapidly. This course, a blend of theory and practice, explores the best paradigms, practices, and principles of traditional, new, and emerging marketing techniques, along with their effects on individuals, audiences, publics, and cultures. Through readings, case studies, and hands-on projects, students gain understanding of successful online marketing strategies, user generated content, search, social media and networks, mobile, and web analytics. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632 (which may be taken concurrently).

MKTG-651 Strategic Marketing for Nonprofits (1.5) This course explores the use of best practice strategies to meet the unique marketing requirements of nonprofit organizations in fields such as healthcare, education, global affairs, the arts, and the environment. Lectures and case studies focus on topics such as the development of three-sector (government-business-nonprofit) marketing alliances, volunteer recruitment, fundraising, and communications and branding as practiced by leading nonprofit organizations serving U.S. and global audiences. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632 (MKTG-632 may be taken concurrently).

MKTG-655 Entertainment Marketing (1.5) This course explores marketing issues related to the entertainment industries. Students apply cutting-edge marketing principles, theories, and research tools to the marketing of products and services within the entertainment industry and to the use of entertainment to market products and services. The course uses a mix of cases, readings, and discussions with clients to enhance student skills and understanding of entertainment marketing strategy. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632 (MKTG-632 may be taken concurrently).

MKTG-685 Topics in Marketing (1.5-3) Topics vary by section, may be repeated for credit with different topic. In depth coverage of rotating topics including qualitative and quantitative research methods on the Internet, web site design for e-marketing, etc. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632.

MKTG-688 Applied Client Project (3) May be repeated for credit. In this course students work in cross-functional teams to complete a comprehensive marketing project for either a for-profit or non-profit business enterprise. Teams are responsible for conducting primary and secondary research and reporting findings to their client. In addition, students use their research to develop a communication plan that includes a strategy, set of objectives, detailed budget, and a plan for campaign measurement. This project yields a deeper understanding and appreciation for the interdependence of each functional area, improves teamwork, and further develops written and oral communication skills. *Prerequisite:* admission to the MS in Marketing.

MKTG-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair and MKTG-612.

MKTG-691 Internship (1.5) May be taken pass/fail only. *Prerequisite:* permission of instructor and department chair and MKTG-612.

MKTG-750 Internet Marketing Management (1.5) Using the Internet as an implementation tool for business and marketing strategy. Provides an overview of web and commerce technologies, but the focus of the course is on marketing applications of the Internet, including distribution, commerce, advertising, public relations, and other “stakeholder” relations. A technical background is not required, but students develop an understanding of technical aspects of the Internet relating to marketing strategy. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632.

MKTG-754 Database Marketing (1.5) In contrast to traditional mass marketing approaches where firms market to large segments of consumers, database marketing uses individual level customer data (e.g., name, address, age, income, date and dollar amount of last purchase) to tailor marketing programs to individual customers. These individual level data are used to better understand customer behavior, to more effectively segment, target, and serve the marketer’s customers, and to identify new, promising prospects. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632.

MKTG-755 Applied Market Segmentation (1.5) This course brings together geography and demographics (geodemographics) to teach students how to segment markets and consumers more precisely so that marketing resources are used more effectively. Students also learn about the availability and characteristics of public and proprietary data and how these sources can be merged to provide valuable insights about consumer behavior and target marketing. This is a hands-on, practical course that includes mapping; reporting, and writing assignments using the proprietary software and segmentation tools developed by Nielsen Claritas; the market leader in precision marketing. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632.

MKTG-761 Buyer Behavior (1.5) Analysis of the psychological foundations of consumer behavior and implications for marketing strategy, including consumer perception, attention, comprehension, and memory; attitudes and attitude-behavior relationships; information integration and decision making; and behavior modification perspectives. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632.

MKTG-762 Integrated Marketing Communication (3) Survey of issues and techniques in integrated marketing communication (IMC). The course covers foundation issues, general strategic issues, and specific IMC vehicles and techniques. Includes the role of the "brand" in IMC, the role of consumer behavior, setting objectives, creative planning and implementation, media planning, advertising, sales promotion, sponsorship, and campaign effectiveness. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632 (may be taken concurrently).

MKTG-765 Brand Strategy (3) This course deals with the brand and what it represents to customers and stakeholders of an organization. The challenge of creating and managing this valuable asset is examined. Topics include brand-market analysis, segmentation, brand positioning for strategic advantage, brand equity, brand hierarchies and portfolios, extension, and leverage. The course uses a mix of cases, readings, and discussions with clients to enhance student skills and understanding of marketing strategy. *Prerequisite:* MKTG-610, MKTG-612, or MKTG-632.

MKTG-767 Research for Marketing Decisions (3) This course provides an overview of marketing research and its use in making effective marketing decisions. The course introduces the market research process and emphasizes appropriate research designs, sampling plans, and a toolbox of data collection and analysis techniques so that the results generated are meaningful and valid. Qualitative and quantitative research methods are covered. Students design questionnaires, collect research data, and use software to analyze data. Emphasis is on the applications of marketing research in various fields of marketing. *Prerequisite:* MKTG-610, MKTG-612 or MKTG-632 (may be taken concurrently).

Performing Arts: Applied Music

Undergraduate Courses

MUS-001 Applied Music Performance Lab (0) Required weekly performance lab provides students enrolled in private instrument or vocal study the opportunity to perform before their peers and public, or to hear guest performers and lectures. *Co-requisite:* MUS-121, MUS-122, MUS-334, or MUS-434.

MUS-121 Private Instrumental or Vocal Study (1) One half hour per week private instruction in voice, guitar, conducting, and keyboard, string, woodwind, brass, and percussion instruments. May be repeated for credit. *Prerequisite:* major or minor in Performing Arts or participation in ensembles, and permission of department. *Co-requisite:* MUS-001.

MUS-122 Private Instrumental or Vocal Study (2) One hour per week private instruction in voice, guitar, conducting, and keyboard, string, woodwind, brass, and percussion instruments. May be repeated for credit. *Prerequisite:* major or minor in Performing Arts or participation in ensembles, and permission of department. *Co-requisite:* MUS-001.

MUS-334 Private Instrumental or Vocal Study (4) Junior performance honors. Full recital required. *Prerequisite:* audition and permission of department. *Co-requisite:* MUS-001.

MUS-434 Private Instrumental or Vocal Study (4) Senior performance honors. Full recital required. *Prerequisite:* audition and permission of department. *Co-requisite:* MUS-001.

Graduate and Advanced Undergraduate Courses

MUS-021/MUS-022 Private Instrument (0) Students may enroll in noncredit private study for voice, piano, organ, guitar, or other orchestral instruments, for either ½ hour (MUS-021) or one hour (MUS-022) per week. *Prerequisite:* permission of department.

MUS-534 Studio Accompanying (2) Provides piano students with practical studio experience with singers and instrumentalists; includes two supervised hours (lessons) and four preparation hours per week. May be repeated for credit. *Prerequisite:* audition consisting of sight-reading and two songs handed out a week in advance, and permission of department.

Graduate Courses

MUS-791 Private Instrumental or Vocal Study (1) One half hour per week private instruction in voice, guitar, conducting, and keyboard, string, woodwind, brass, and percussion instruments. May be repeated for credit. *Prerequisite:* admission to Performing Arts degree program or participation in instrumental ensembles, and permission of department.

MUS-792 Private Instrumental or Vocal Study (2) One hour per week private instruction in voice, guitar, conducting, and keyboard, string, woodwind, brass, and percussion instruments. May be repeated for credit. *Prerequisite:* admission to Performing Arts degree program or participation in instrumental ensembles, and permission of department.

Performing Arts

Undergraduate Courses

PERF-102 Modern Dance I (3) An introduction to the basic principles and theories of modern dance technique with an emphasis on performance. Skill development is accompanied by a study of twentieth century choreographers and the social conditions shaping their artistry. Readings, videos, concerts, and written work enhance participants' knowledge. Usually offered every term.

PERF-103 Beginning Jazz Dance (3) An introduction to jazz dance technique with emphasis on concert jazz dance and musical theatre dance vocabulary. Technique development and performance skill are augmented by readings, videos, readings, concerts, and written work. Usually offered every term.

PERF-104 Beginning Ballet (3) An introduction to basic ballet technique with emphasis on movement vocabulary, terminology, placement, and performance. Readings, performances, and written work provide context, while development of technical skill helps cultivate proficiency and understanding. Usually offered every term.

PERF-108 Beginning Tap Dance (3) An introduction to basic tap technique and movement patterns. Dexterity, varying sound intensity, rhythm, and musicality are emphasized. Technical development is augmented by readings and written work exploring tap's emergence as a cross-cultural integration of Irish and African traditions in the United States and its development as a theatrical dance form. Usually offered every fall.

PERF-109 Dance Practicum (1) May be repeated for credit. Provides the student with the opportunity to continue his/her current level of dance technique course. Student may register for practicum only if he/she has completed the 3 credit dance course at the 100 level. Usually offered every term. *Prerequisite:* completion of equivalent 3 credit dance technique course or permission of the dance program director.

PERF-110 Understanding Music FA1 (3) An introduction to musical language through listening and comprehension. The fundamentals of acoustics, melody, harmony, form, texture, and color in a wide range of music from ancient and global music to European concert music, jazz, blues, and popular music. Includes listening and concert attendance requirements. Usually offered every term.

PERF-111 Class Piano Level I (1) Beginning study in piano. Prepares the beginning student for private study as well as basic keyboard musicianship skill essential to all musicians regardless of discipline.

PERF-112 Class Piano Level II (1) Prepares the beginning student for private study as well as expansion of basic keyboard musicianship skill essential to all musicians regardless of discipline. *Prerequisite:* PERF-111 or permission of instructor.

PERF-113 Class Guitar (1) Beginning study of guitar. Prepares the beginning student for private study and instrumental music study. May be repeated for credit at a more advanced level.

PERF-114 Class Voice (1) Basic principles of singing. Prepares the beginning student for private study and more effective choral singing, etc. May be repeated for credit at a more advanced level.

PERF-115 Theatre: Principles, Plays, and Performance FA1 (3) Provides an overview of the principles of drama from the ancient Greeks to contemporary society. The class draws on theatre history and social context, the reading of great literature, critical analyses, and artistic exploration to culminate in the experience which is the essential element of the art itself—performance. Usually offered every term.

PERF-118 World Music FA1 (3) This course focuses on the meanings of music in diverse global cultures through analysis of social and cultural contexts. Students examine the confluences and divergences of culture that happen in borderland regions, whether geographical, political, or social, through the lens of musical practice. Usually offered every term. May be taken A-F only.

PERF-120 Music Fundamentals (3) Introductory study of musical notation and theory including rhythm, intervals, scales, keys, chords, and musical forms. Usually offered every fall.

PERF-124 Music Theory I (3) The principles of part-writing, counterpoint, phrase structure, modulation to the dominant, and harmonic progression. Emphasis on compositional and analytical work. Usually offered every fall. *Prerequisite:* PERF-120 or equivalent experience in music.

PERF-125 Music Theory II (3) A continuation of Music Theory I, extending to chromatic harmonies, more complex contrapuntal and formal structures, modulation to distant keys, and modes. Usually offered every spring. *Prerequisite:* PERF-124.

PERF-142 University Chorus (1) Prepares and presents major works of the choral and choral-orchestral literature. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-143 University Singers (2) Small, highly select choral ensemble which prepares and presents advanced literature appropriate to a chamber ensemble. Rehearsals are also dedicated to appropriate pre-professional training of ensemble vocalists. Includes occasional tours and off-campus performances. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-144 University Orchestra (1) Prepares and presents works of orchestral literature, occasionally in collaboration with the AU Chorus and other Department of Performing Arts ensembles. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-145 Chamber Ensembles (1) String, mixed, and wind ensembles which prepare and present selected chamber music literature. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-146 Jazz Orchestra (1) Prepares and performs selected jazz works including standards, traditional big band era arrangements, and charts of more progressive, international, and fusion styles. Ensemble works in both big band and small combo format. May be repeated for credit. Usually offered every term.

PERF-147 Symphonic Band (1) Prepares and presents works of the symphonic band literature. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-150 Pep Band (1) May be repeated for credit. Usually offered every term.

PERF-161 Gospel Choir (1) Prepares and presents works of gospel vocal and choral literature. May be repeated for credit. Usually offered every term.

PERF-200 Dance as an Art Form FA1 (3) A survey of dance as an artistic, social, and cultural form. Students discover the diverse ways dance represents and reflects society's experiences and values. Through lectures, readings, written work, performances, movement labs, and choreography/performance assignments students develop an understanding of aesthetics, function, and expression in dance. Usually offered every term.

PERF-202 Modern Dance II (3) A study of modern dance technique for the intermediate dancer with emphasis on complex movement patterns and improvisation. Skill development is augmented by readings, videos, concerts and written work, promoting an understanding of the role of dance as a form of creative expression that gives insight into the individual and society. Usually offered every term. *Prerequisite:* audition or permission of dance program director.

PERF-203 Intermediate Jazz Dance (3) A study of jazz dance technique for the intermediate dancer with emphasis on performance quality, and complex movement patterns. Skill development is augmented by readings, videos, concerts, and written papers, emphasizing the historical evolution and contemporary relevance of the form. Usually offered every term. *Prerequisite:* audition or permission of dance program director.

PERF-204 Intermediate Ballet (3) A study of ballet technique for the intermediate dancer with emphasis on complex movement patterns and increased agility. Skill development is augmented by readings, videos, concerts, and written work. Usually offered every term. *Prerequisite:* audition or permission of the dance program director.

PERF-205 Masterpieces of Music FA1 (3) Listening to and analyzing masterpieces of Western music from the Middle Ages to the present day. The course includes a variety of genres and styles with background study into the historical era and particular composers. Usually offered every spring.

PERF-206 African Dance (3) Students learn the inter-relationship between movement and sound, creative expression, and community in African dance. Readings, videos, concerts, and class discussions enhance participants' knowledge of traditional African society, while providing a context for cross-cultural understanding. Usually offered every fall.

PERF-208 Intermediate Tap Dance (3) A study of tap technique for the intermediate dancer. Multiple tap styles and complex movement combinations are emphasized. Technical development is augmented by readings, videos, concerts, and written work on the history and contemporary relevance of the form. Usually offered every spring. *Prerequisite:* PERF-108 or permission of instructor.

PERF-209 Dance Practicum (1) May be repeated for credit. Provides the student with the opportunity to continue his/her current level of dance technique course. Student may register for practicum only if he/she has completed the 3 credit course at the 200 level. Usually offered every term. *Prerequisite:* completion of equivalent 3 credit dance technique course and permission of the director of dance.

PERF-210 Greatness in Music FA1 (3) Study of the concept and meaning of greatness in music through the Western classical canon, world music, vernacular and popular music, and performance. Readings and lectures examine the aesthetic criteria for greatness in each area and offer students an opportunity to evaluate and critique diverse genres of music. Course readings are drawn not only from music but also other arts. Usually offered every fall.

PERF-214 Theatre Performance Practicum (1) May be repeated for credit. Provides students with the opportunity to continue their current level of performance study. *Prerequisite:* PERF-251 or PERF-252 and permission of program director.

PERF-215 Opera on Stage and Film FA1 (3) Classics of operatic repertoire. Through readings, viewing videotapes, and attending live productions, students confront the literary sources, dramatic and musical structures, cultural forces, and the social, political, and historical environments that shaped the works and gave them life. Usually offered every spring.

PERF-220 Reflections of American Society on Stage FA1 (3) Examines artistic and cultural developments and societal phenomena as reflected in stage performance throughout the history of the United States. By reading plays as well as viewing productions linked to important historical, artistic, cultural, and political movements and events, students investigate and analyze the relationships between the creative artists, their produced works, and the societal contexts within which they originated. Usually offered every term.

PERF-225 The African American Experience in the Performing Arts FA1 (3) Explores African American contributions to uniquely American forms and institutions in the performing arts. The course examines the artistic and cultural implications of these forms—from minstrelsy, vaudeville, and tap dance to jazz, blues, and gospel—set against the societal phenomena that shaped them, as well as the influence of African Americans on the broad range of performing arts genres, including musical theatre, drama, comedy, dance, and film. Usually offered every fall.

PERF-226 Improvisation (3) Introduction to the basic proficiency and technique of improvising. *Prerequisite:* music major or minor, or permission of instructor.

PERF-227 Musicianship I (3) The practical techniques of reading, hearing, sight singing, playing, and conducting simple (diatonic) musical materials and the methods by which those tasks are accomplished. Includes lab work in keyboard skills, conducting, score reading, and improvisation. Usually offered every fall. *Prerequisite:* PERF-120 or equivalent musical experience.

PERF-228 Musicianship II (3) The continuation of reading, sight singing, playing, and conducting scores into chromatic and modal materials. Includes lab work in keyboard skills, conducting, score reading, and improvisation. Usually offered every spring. *Prerequisite:* PERF-227 or equivalent musical experience.

PERF-251 Fundamentals of Acting I (3) Introduces beginning performance skills for actors, including the basics of Stanislavski's system of acting, basic physical and vocal warm-ups, and character analysis. Usually offered every term. *Prerequisite:* permission of instructor.

PERF-252 Fundamentals of Acting II (3) Continues the exploration of beginning performance skills through scene study, textual analysis, and character exploration. Usually offered every spring. *Prerequisite:* PERF-251 and permission of instructor.

PERF-255 Fundamentals of Dance (3) An introduction to movement concepts, dance vocabulary, and dance technique for the musical theatre dancer. Usually offered every term.

PERF-260 Stagecraft (3) Explores techniques of stagecraft including scenery, properties, lighting, sound, and makeup, along with theatrical production philosophy and organization and an overview of the process of design. Mandatory lab sessions provide experience in scenic construction, basic electricity, stage lighting, costume, and live-performance support. Usually offered every term.

PERF-261 Introduction to Stage Design (3) Introduces the elements and principles of design, the relationship between image and text, and how these principles are applied to scenography in the performing arts. Usually offered every term.

PERF-262 Stage Management (1) Provides a broad overview of stage management and related production management theory, with concentration on rehearsal and performance management techniques. Usually offered every term. *Prerequisite:* PERF-260 and permission of instructor.

PERF-265 Theatre Practicum (1) Topics vary by section, may be repeated for credit with different topic. Provides a practical experience in designated areas of technical theatre: set construction and lighting, costume, and stage management. Usually offered every term. *Prerequisite:* PERF-260.

PERF-302 Modern Dance III (3) A study of modern dance technique for the advanced dancer. Personal artistry and advanced technical development and improvisation are emphasized. Technical development and performance studies are augmented by readings, videos, concerts, and papers on performance, technique, and choreography. Usually offered every term. *Prerequisite:* audition or permission of dance program director.

PERF-303 Dance Improvisation (3) An exploration of spontaneous movement for the development of performance and composition. Movement invention and problem solving are emphasized. Usually offered alternate falls. *Prerequisite:* permission of dance program director.

PERF-307 Principles of Movement (3) An introduction to human anatomy, kinesiology, and somatics in relation to dance technique, performance, conditioning, and injury prevention. Students develop movement observation and analysis skills as applied to the structure and function of the dancing body. Usually offered alternate springs. *Prerequisite:* permission of dance program director.

PERF-308 The Moving Body (3) Explores awareness of physical instincts, and the skill set to utilize those instincts in the act of physical creative expression on stage. Students use their bodies as exploratory tools to embrace the power of personal creativity and authentic expression. With a focus on physical theatre, the course is designed primarily for actors, but the techniques explored are also applicable to dancers and others in the performing arts. Usually offered every fall. *Prerequisite:* permission of instructor.

PERF-309 Dance Practicum (1) May be repeated for credit. Provides the student with the opportunity to continue his/her current level of dance technique course. Student may register for practicum only if he/she has completed the three credit dance course at the 300 level. Usually offered every term. *Prerequisite:* completion of equivalent 3 credit dance technique course or permission of dance program director.

PERF-314 Theatre Performance Practicum (1) May be repeated for credit. Provides students with the opportunity to continue their current level of performance study. *Prerequisite:* PERF-308, PERF-340, PERF-350, or PERF-355 and permission of program director.

PERF-320 History of Rock Music (3) A stylistic examination of rock music from its origins to the present. Movements studied within a context of culture and society include blues, R&B, rockabilly, the folk revival, soul, doowop, the Motown sound, beach music, British rock, acid rock, hard rock, metal, disco, punk, grunge, and hip-hop. Usually offered every fall.

PERF-321 Evolution of Jazz and Blues (3) Cultural sources and growth of divergent stylistic characteristics of jazz and blues through the past hundred years. Usually offered every spring.

PERF-322 History of Music I: From Antiquity to 1750 (3) Historical survey of music in Western civilization, from antiquity and the Middle Ages (to c.1400), through the Renaissance (c.1400-1600) and the baroque era (c.1600-1700). The course focuses on the origins and evolutions of genres, styles, and forms in which the music is examined within a social and cultural context. Usually offered every spring. *Prerequisite:* PERF-125 or permission of instructor.

PERF-323 History of Music II: From 1750 to the Present (3) Historical survey of music in Western civilization, from the pre-classical and classical (c.1750-1800), through the romantic (c.1800-1900) and modern eras (c.1900-present). The course focuses on the origins and evolutions of genres, styles, and forms in which the music is examined within a social and cultural context. Usually offered every fall. *Prerequisite:* PERF-125 or permission of instructor.

PERF-324 Form and Analysis (3) Exploration of the structural principles of Western music from the Baroque period to the late twentieth century. Special emphasis on sonata form, motivic development, chromaticism, harmonic reduction, and structural analysis. Usually offered every fall. *Prerequisite:* PERF-125.

PERF-325 Counterpoint (3) The study of contrapuntal writing from tonal sources including the invention, chorale-prelude, and fugue through analysis and composition of examples. Also includes invertible counterpoint and canon. Usually offered every spring. *Prerequisite:* PERF-125.

PERF-326 Orchestration (3) Scoring for various chamber ensembles and full orchestra. Analysis of the orchestration of composers from the classical era to the present. Usually offered alternate springs.

PERF-331 Music Technology I (3) Familiarizes students with the creative use of new sound technology (synthesizers, computers, etc.). The course covers, with hands-on experience, the techniques applied in music composition and/or performance on an elementary level. Usually offered alternate falls.

PERF-332 Music Technology II (3) A continuation of PERF-331. Covers the principles of electronic music composition and analysis of performance styles. The course focuses on actual composition and performance of works created by students. Usually offered alternate springs. *Prerequisite:* PERF-331.

PERF-340 From Scene Into Song (3) Provides practical workshop experience to develop proficiency in a range of musical theatre genres. Students develop vocal and acting techniques to dramatically interpret lyrics, to craft smooth transitions from dialogue to song, and to create characters within specific contexts of chosen musicals. Usually offered every spring. *Prerequisite:* PERF-227, PERF-228, PERF-251, and permission of instructor.

PERF-346 Survey of Musical Theatre (3) Provides a basic overview of the historical developments of musical theatre and a study of the structural forms and content of the various genres, from fledgling musical attempts to the Golden Age to present-day musicals. Because modern musical theatre is a uniquely American art form, this course encourages students to examine the musical within evolving historical, social, political, and artistic milieus. Usually offered every fall. *Prerequisite:* PERF-115 and permission of instructor.

PERF-350 Fundamentals of Acting III (3) Introduces the elements of style and rigorous scene study process to the foundation established in PERF-251 and PERF-252. Through the exploration of classical texts that exemplify specific physical and vocal stylistic theatrical periods, the students continue to hone their artistic versatility. The course is designed to complement the student's previous experience with contemporary/modern scene study with the technical know-how of theatre styles. Usually offered every fall. *Prerequisite:* PERF-251, PERF-252, and permission of instructor.

PERF-355 Voice and Speech (3) Develops effective techniques of voice and diction to cultivate optimally efficient use of the vocal instrument onstage. Usually offered every spring. *Prerequisite:* PERF-251 and permission of instructor.

PERF-356 Diction for Singers (3) An introduction to the diction rules required for lyric (sung) Italian, French, and German, and application of those rules through practical application in songs, arias, and vocal chamber music. International Phonetic Alphabet (IPA) is introduced and used to assist students in learning consistent foreign language and as a tool for additional communication among singers, teachers, and coaches when discussing questions of lyric diction. Usually offered alternate springs.

PERF-362 Lighting Design (3) Explores the power of lighting in the theatrical experience. Students learn the basics of electricity, the physics of theatrical lighting equipment, and the art of lighting in the collaborative design process. Projects include designing theoretical light plots and composing lighting cues for actual productions. Usually offered alternate springs. *Prerequisite:* PERF-260, PERF-261, and permission of instructor.

PERF-364 Basics of Set and Costume Design (3) Introduces the technical and artistic aspects of set and costume design. Draws on the fine arts, architecture, history, critical analysis, and the student's own artistic exploration to facilitate an understanding of how these are applied to stage production. Usually offered alternate springs. *Prerequisite:* PERF-260, PERF-261, and permission of instructor.

PERF-365 Theatre History I: From the Greeks to the Eighteenth Century (3) Explores the historical pattern of dramatic literature and theatrical production and the social function of the theatre from its earliest appearance through the eighteenth century. Usually offered every fall. *Prerequisite:* PERF-115 and permission of instructor.

PERF-366 Theatre History II: From the Nineteenth Century to the Present (3) Explores the historical pattern of dramatic literature and theatrical production and the social function of the theatre from the nineteenth century to the present. Usually offered every spring. *Prerequisite:* PERF-115 and permission of instructor.

PERF-385 Music in Twentieth-Century Britain (3) Offered as part of the AU Abroad London program, this course examines a wide range of contemporary musical styles important in twentieth-century Britain. The nature of the musical material, the forms, and the instrumentation are studied, as well as the cultural, political, and economic context in which it was created.

PERF-390 Independent Reading Course in Performing Arts (1-6) *Prerequisite:* permission of instructor and department chair.

PERF-398, PERF-399 Honors, Junior Year (1-6), (1-6) May be repeated for credit. Usually offered every fall and spring. *Prerequisite:* permission of department chair and honors director.

PERF-404 Advanced Ballet (3) A study of ballet technique for the advanced dancer. Development of personal artistry, complex movement combinations, and classical and contemporary techniques are emphasized. Technical development and performance studies are augmented by readings, videos, concerts, and papers on contemporary ballet as a reflection of society. Usually offered every term. *Prerequisite:* audition or permission of the dance program director.

PERF-409 Dance Practicum (1) May be repeated for credit. Provides the student with the opportunity to continue his/her current level of dance technique course. Student may register for practicum only if he/she has completed the 3 credit dance course at the 400 level. Usually offered every term. *Prerequisite:* completion of equivalent 3 credit dance technique course and permission of dance program director.

PERF-411 Composition of Dance I (3) An introduction to the craft of choreography. Movement invention, improvisation, form, and structure are emphasized, culminating in a cohesive solo piece of choreography created and performed by the student. Usually offered alternate falls. *Prerequisite:* permission of dance program director.

PERF-412 Composition of Dance II (3) Continuation of PERF-411. This course focuses on the continued development of choreography skills with emphasis on the development of thematic material, group composition, and choreography for musical theatre. Usually offered alternate falls. *Prerequisite:* PERF-411 or permission of dance program director.

PERF-414 Theatre Performance Practicum (1) May be repeated for credit. Provides students with the opportunity to continue their current level of performance study. *Prerequisite:* PERF-456 and permission of program director.

PERF-435 Topics in Music (3) Topics vary by section, may be repeated for credit with different topic. Topics include the study of a stylistic area such as orchestral, chamber, opera, American, folk, and twentieth-century music, or specific studies in analysis, technique, performance practices, music philosophy, and aesthetic theory. Meets with PERF-635. Usually offered every spring.

PERF-444 Business and Music Capstone (2) This course provides Business and Music majors with a comprehensive, integrative seminar, which guides students to a summary of their internship experience. It also assists students in leveraging their internship experiences to find success in the for-profit music industry. Usually offered every fall.

PERF-445 Senior Capstone (3) Provides theatre, musical theatre, and music majors with a comprehensive integrative seminar and guides the student to the realization of a creative capstone project. Builds upon the foundation of theory and experience acquired throughout the undergraduate years. Usually offered for music majors every fall; usually offered for theatre/musical theatre majors every spring.

PERF-450 Rotating Topics in Theatre (1-3) Topics vary by section, may be repeated for credit with different topic. Designed for advanced undergraduate students who wish to continue theatre studies. Emphasis on approaches to performance material and preparation techniques for improvisation, acting for the camera, the business of acting, advanced acting styles, children's theatre, theatre for children and youth, creative dramatics, Shakespeare, musical theatre, directing methodologies, auditioning and monologue preparation, and other selected topics. Meets with PERF-650. Usually offered every term. *Prerequisite:* permission of instructor.

PERF-452 Directing Techniques (3) Provides training in the foundations of directing for the theatre by applying various directorial theories, forms of play analysis and types of staging to particular scripts. Meets with PERF-652. Usually offered every fall. *Prerequisite:* PERF-115, PERF-251, PERF-260, and permission of instructor.

PERF-455 Dance Styles for Musical Theatre (3) Provides a survey of dance in musical theatre, encompassing a repertory, audition techniques, and technique and performance development, as well as practical workshop experience in a range of musical theatre genres. Usually offered every spring. *Prerequisite:* permission of instructor.

PERF-456 Acting IV: Audition Techniques (3) Intended for the advanced student, this course examines the realities of the marketplace and necessary techniques for preparation for the acting profession. Focuses on acquisition of skills for the auditioning process and the development of tools for entering the professional world. Usually offered every spring. *Prerequisite:* PERF-251, PERF-252, and permission of instructor.

PERF-457 Playwriting (3) Explores the study and development of original scripted works and the process inherent in the creation of a dramatic piece. Usually offered every spring. *Prerequisite:* PERF-115, PERF-251, and PERF-260, or permission of instructor.

PERF-490 Independent Study Project in Performing Arts (1-6) *Prerequisite:* permission of instructor and department chair.

PERF-491 Performing Arts: Internship (1-6) *Prerequisite:* permission of instructor and department chair.

PERF-498, PERF-499 Honors, Senior Year (1-6), (1-6) May be repeated for credit. Usually offered every fall and spring.

Graduate and Advanced Undergraduate Courses

PERF-503 Technology and Fundraising (3) This hands-on course teaches students current computer-based fundraising applications for nonprofit organizations. Students improve their understanding of the context, constructs and application of fundraising and donor management software, prospect research and wealth identification services, and research tools for identifying individual and institutional supporters and other emerging technologies. The course provides practical knowledge on current systems as well as frameworks to adapt to future system innovations. Usually offered every fall. *Prerequisite:* permission of instructor.

PERF-504 African Dance (3) Students learn the inter-relationship between movement and sound, creative expression, and community in African dance. Readings, videos, concerts, and class discussions enhance participants' knowledge of traditional African society, while providing a context for cross-cultural understanding. Usually offered every fall.

PERF-505 Grant Writing for Nonprofit Organizations (3) This course contributes to students' skills in developing and writing grant proposals for nonprofit organizations. Focused primarily on institutional funding, this course provides an in-depth look at grant writing based on best practices in the field. *Prerequisite:* permission of instructor.

PERF-515 Psychology of Music (3) This course focuses on how we process music in general, both at micro and macro levels. The course explores neural, perceptual, cognitive, as well as social and clinical aspects of both listening to and performing music. Topics discussed include the workings of the brain, comparisons with language, memory for music, development of musicality, individual differences, performance anxiety, and music therapy. Meets with PSYC-515. *Prerequisite:* three psychology courses, and theoretical or practical music experience.

PERF-542 University Chorus (1) Prepares and presents major works of the choral and choral-orchestral literature. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-543 University Singers (2) Small, highly select choral ensemble which prepares and presents advanced literature appropriate to a chamber ensemble. Rehearsals are also dedicated to appropriate pre-professional training of ensemble vocalists. Includes occasional tours and off-campus performances. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-544 University Orchestra (1) Prepares and presents works of orchestral literature, occasionally in collaboration with the AU Chorus and other Department of Performing Arts ensembles. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-545 Chamber Ensembles (1) String, mixed, and wind ensembles which prepare and present selected chamber music literature. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-546 Jazz Orchestra (1) Prepares and performs selected jazz works including standards, traditional big band era arrangements, and charts of more progressive, international, and fusion styles. Ensemble works in both big band and small combo format. May be repeated for credit. Usually offered every term. *Prerequisite:* audition.

PERF-550 Pep Band (1) May be repeated for credit. Usually offered every term.

PERF-561 Gospel Choir (1) May be repeated for credit. Prepares and presents works of gospel vocal and choral literature. Usually offered every term.

PERF-570 Survey of Arts Management (3) Study of various facets of management in the arts: contracts, logistics, organization, etc. Usually offered every fall. *Prerequisite:* permission of instructor.

PERF-571 Marketing the Arts (3) Examines the techniques for strategic marketing, public relations skills, and the current technologies involved. Usually offered every fall. *Prerequisite:* PERF-570 or permission of instructor.

PERF-572 Introduction to Technology in Arts Management (3) This course introduces the ways in which technology influences modern approaches to arts management. Topics include the history and development of Web 2.0; an overview of technology-based applications in the arts; effects of technology on the various arts management disciplines; building a common vocabulary; clearance and copyright; technology influenced organizational change; and union regulations and collective bargaining agreements and case studies. Usually offered every fall.

PERF-573 Technology and Marketing the Arts (3) In this course students develop an understanding of how technology and media can be used as tools for marketing the arts. The hands on computer-based course covers Web 2.0, email marketing, direct mail, telemarketing, social media, websites, podcasting, blogging, mobile technology, and other current media. Usually offered every fall.

PERF-575 Arts Education (3) This course introduces students to philosophies and critical issues of arts in education, and explores various models of arts education programs. Through close examination of several different paradigms, students investigate the means to provide children and adults with critical understanding and knowledge of the arts. Usually offered alternate falls. *Prerequisite:* PERF-570 or permission of instructor.

PERF-580 Cultural Policy and the Arts (3) This course studies government and cultural systems and their influences on and support of the arts. Includes federal, state, and local support of the arts in the United States and the impact of government policy, technology, and globalization on artists and arts organizations. Usually offered every spring. *Prerequisite:* admission to the MA or graduate certificate in Arts Management or permission of instructor.

PERF-581 Topics in Arts Management (3) Topics vary by section, may be repeated for credit with different topic. Provides an in-depth examination of various topics in the field of arts management. *Prerequisite:* permission of instructor.

PERF-583 Legal Issues in the Arts (2) This course is a survey of legal issues that pertain to the operation of nonprofit organizations, particularly arts groups. Students learn about the relevant aspects of corporate law, tax law, intellectual property, fiduciary duties, corporate sponsorships, nonprofit policies, contracts, and employment laws. Usually offered every summer. *Prerequisite:* permission of instructor.

PERF-584 Arts and Experience (3) This course combines the intensive, practical work of a part-time work experience (volunteer or paid) at a nonprofit or government arts organization with discussion, readings, and other activities to fuse theory with practice. Usually offered every term. *Prerequisite:* permission of instructor.

PERF-586 Performing Arts Programming (3) This course examines the diverse issues of arts programming, from planning and implementation to collaboration and evaluation, and identifies best practices for nonprofit organizations. *Prerequisite:* permission of instructor.

PERF-590 Independent Reading Course in Performing Arts (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

PERF-622 History of Music I: From Antiquity to 1750 (3) Historical survey of music in Western civilization, from antiquity and the Middle Ages (to c.1400), through the Renaissance (c.1400-1600) and the baroque era (c.1600-1700). The course focuses on the origins and evolutions of genres, styles, and forms in which the music is examined within a social and cultural context. Usually offered alternate springs.

PERF-623 History of Music II: From 1750 to the Present (3) Historical survey of music in Western civilization, from the pre-classical and classical (c.1750-1800), through the romantic (c.1800-1900) and modern eras (c.1900-present). The course focuses on the origins and evolutions of genres, styles, and forms in which the music is examined within a social and cultural context. Usually offered alternate springs.

PERF-635 Topics in Music (3) Topics vary by section, may be repeated for credit with different topic. Topics include the study of a stylistic area such as orchestral, chamber, opera, American, folk, and twentieth-century music, or specific studies in analysis, technique, performance practices, music philosophy, and aesthetic theory. Meets with PERF-435. Usually offered every spring.

PERF-650 Rotating Topics in Theatre (1-3) Topics vary by section, may be repeated for credit with different topic. Designed for advanced graduate students who wish to continue theatre studies. Emphasis on approaches to performance material and preparation techniques for improvisation, acting for the camera, the business of acting, advanced acting styles, children's theatre, theatre for children and youth, creative dramatics, Shakespeare, musical theatre, directing methodologies, auditioning and monologue preparation, and other selected topics. Meets with PERF-450. Usually offered every term. *Prerequisite:* permission of instructor.

PERF-652 Directing Techniques (3) Provides training in the foundations of directing for the theatre by applying various directorial theories, forms of play analysis and types of staging to particular scripts. Meets with PERF-452. Usually offered every fall. *Prerequisite:* permission of instructor.

PERF-656 Acting IV: Audition Techniques (3) This course examines the realities of the marketplace and necessary techniques for professional acting. Focuses on acquisition of skills for the auditioning process and the development of tools for entering the professional world. Usually offered every spring. *Prerequisite:* permission of instructor.

PERF-657 Playwriting (3) Explores the study and development of original scripted works and the process inherent in the creation of a dramatic piece. Usually offered every spring. *Prerequisite:* permission of instructor.

PERF-665 Theatre History I: From the Greeks to the Seventeenth Century (3) The historical pattern of drama as an art form and the social function of the theatre from its earliest appearance through the seventeenth century. Usually offered every fall.

PERF-666 Theatre History II: From Baroque to the End of the Nineteenth Century (3) The historical pattern of drama as an art form and the social function of the theatre from the baroque to the present. Usually offered alternate springs.

PERF-672 Rotating Topics in Arts Management (3) Topics vary by section, may be repeated for credit with different topic. An exploration of major areas of arts management: grants and fund raising; box office, income, and general administration; and arts in education. Usually offered every term. *Prerequisite:* PERF-570 or permission of instructor.

PERF-673 Fundamentals of Fund-Raising (3) Examines the factors most conducive to the financial health of institutions and ways of obtaining and maintaining funding. Usually offered every fall. *Prerequisite:* PERF-570 or permission of instructor.

PERF-674 Financial Management in the Arts (3) An exploration of major areas of financial management in the arts including financial planning, grants management, contributed and earned income, and general administration. Covers specific case studies and emphasizes interaction with other functional areas such as finance and production. Usually offered every spring. *Prerequisite:* PERF-570 or permission of instructor.

PERF-675 Governance and Leadership (3) This course provides conceptual and practical grounding in the legal, human, and administrative aspects of nonprofit boards. Students explore the board/CEO relationship, different governance structures, and the best practices of good governance. Usually offered every spring. *Prerequisite:* PERF-570 or permission of instructor.

PERF-690 Independent Study Project in Performing Arts (1-6) *Prerequisite:* permission of instructor and department chair.

PERF-691 Performing Arts: Internship (1-6) May be taken pass/fail only. *Prerequisite:* permission of instructor and department chair.

PERF-693 Sotheby's Institute of Art, London (1-12) Topics vary by section, may be repeated for credit with different topic. The course provides an opportunity for students to study abroad in the Arts and Business Program at Sotheby's Institute of Art, London. Usually offered every term. May be taken A-F only. *Note:* consult Arts Management graduate program.

PERF-702 Master's Portfolio Seminar (1-6) Independent creative and analytical work toward a project in lieu of thesis for students in the arts management graduate program. *Prerequisite:* MA in arts management candidate with 12 credit hours with a B or better average and permission of the program director.

PERF-793 Directed Research in the Arts (1-6) Independent research project in lieu of thesis for students in the arts management graduate program. *Prerequisite:* MA in arts management candidate with 12 credit hours with a B or better average and permission of program director.

PERF-794 Literature Review and Proposal Writing (2) This course helps MA in Arts Management students formulate and execute their capstone project. It introduces students to strategies around problem formulation, basic research design, literature review development, proposal formulation, and capstone defense strategies. Usually offered every summer. *Prerequisite:* MA in Arts Management student and permission of instructor.

PERF-795 Research and Writing (1) This course is for MA in Arts Management students who have progressed beyond the proposal and literature review stages for their capstone project and are pursuing field work and analysis. Students also learn effective presentation techniques. Usually offered every summer. *Prerequisite:* MA in Arts Management student and permission of instructor.

PERF-797 Master's Thesis Seminar (1-6) May be taken SP/UP only.

PERF-798 Seminar in Arts Management (2) This capstone course for MA in Arts Management students provides the opportunity to synthesize concepts and further analyze professional, organizational, and inter-organizational issues. Usually offered every spring. *Prerequisite:* MA in Arts Management student and permission of instructor.

Philosophy

Undergraduate Courses

PHIL-105 Western Philosophy FA2 (3) A historical introduction to the Western philosophical tradition. Students closely examine classic and contemporary texts on the nature of reality, truth, morality, goodness, and justice; the possibility of knowledge; faith, reason, and the existence of God; and the issue of freedom and determinism. Usually offered every term.

PHIL-200 Introduction to Logic (3) Basic principles of inductive and deductive reasoning. Text and exercises supplemented by readings and discussions in history, philosophy, and applications of logic. Usually offered every term.

PHIL-211 Introduction to Asian Philosophy (3) A thematic introduction to the Eastern philosophical tradition. Students read major classic and contemporary texts in Eastern philosophy on being, world, society, and ethics, and examine Eastern philosophers' views on the nature of self, personhood, politics, family, and gender; logics, religion, and cosmology. Usually offered alternate springs (even years).

PHIL-220 Moral Philosophy FA2 (3) This course investigates the question of what it means to live a moral life. Examining major works in Western philosophy, issues discussed include moral goodness and evil, the nature of justice and rights, the relationship between morality and self-interest, the justification of moral judgments, relativism versus objective truth, the role of pleasure in the good life, and the meaning of character and virtue. Usually offered every term.

PHIL-230 Meaning and Purpose in the Arts FA1 (3) Leading theories of the nature, purpose, and meaning of artistic activities and objects examined through writings of philosophers, artists, and critics of ancient and modern times. Both Western and non-Western viewpoints are considered. Student projects apply critical ideas to particular works in an art form familiar to them. Usually offered every term.

PHIL-235 Theories of Democracy and Human Rights FA2 (3) This course analyzes traditional Western theories of democracy and rights, both separately and in relation to each other, as well as contemporary approaches such as Habermasian, post-modern, feminist, and critical race theory. It also considers the East-West debate on human rights. Usually offered every term.

PHIL-240 Ethics in the Professions FA4 (3) This course provides a framework for thinking generally about ethics, and more specifically about professional ethics. In addition, it addresses ethical dilemmas that arise in the professions of government, law, business, medicine, the media, and the academy. Usually offered every term.

PHIL-241 Bioethics (3) An introduction to the growing field of bioethics, this course examines the ethical implications of recent developments in bio-medical technology, as well as the ethical lessons of historical cases. Students read philosophers and ethicists on topics such as human subject research, patients' rights, medical rationing, and public and global health issues. Usually offered every spring.

PHIL-380 Colloquium in Philosophy (1) Topics vary by section, may be repeated for credit with different topic. This course provides an opportunity for students to engage in philosophical practice in a more expansive way than in a traditional class in order to explore a central question of philosophical significance, a prominent theme, or important text. *Prerequisite:* one course in philosophy.

PHIL-390 Independent Reading Course in Philosophy (1-6)
Prerequisite: permission of instructor and department chair. *Note:* Generally open only to seniors.

PHIL-391 Internship in Philosophy (1-6) *Prerequisite:* permission of instructor and department chair. *Note:* Generally open only to seniors.

PHIL-398 Honors Project in Philosophy (3-6) *Prerequisite:* permission of department and University Honors Director.

PHIL-400 Ancient Philosophy (3) An examination of ancient Greek philosophy starting with the pre-Socratics and continuing through Plato, Aristotle, and the three major Hellenistic traditions: Epicureanism, Stoicism, and Skepticism. Meets with PHIL-600. Usually offered alternate falls (odd years). *Prerequisite:* PHIL-105 or permission of instructor.

PHIL-401 Early Modern Philosophy (3) This course covers major philosophers from the sixteenth to the eighteenth centuries such as Descartes, Spinoza, Leibniz, Hume, and Kant. Meets with PHIL-601. Usually offered alternate springs (even years). *Prerequisite:* PHIL-105 or permission of instructor. *Note:* PHIL-400 is recommended but not required.

PHIL-402 Nineteenth Century Philosophy (3) This course covers major philosophers from the nineteenth century such as Hegel, Marx, Kierkegaard, and Nietzsche. Meets with PHIL-602. Usually offered every fall. *Prerequisite:* PHIL-105 or permission of instructor.

PHIL-403 Twentieth Century Philosophy (3) Explores the fundamental movements of contemporary, continental Western philosophy, including existentialism, phenomenology, hermeneutics, and poststructuralism. Meets with PHIL-603. Usually offered every spring. *Prerequisite:* PHIL-105 or permission of instructor.

PHIL-410 The Classical Period (3) Topics vary by section, may be repeated for credit with different topic. Regularly recurring topics include the pre-Socratics, Plato, Aristotle, Neo-Platonism, and Augustine. Meets with PHIL-610. Usually offered alternate falls (even years). *Prerequisite:* PHIL-105 or permission of instructor.

PHIL-411 Modern European Movements (3) Topics vary by section, may be repeated for credit with different topic. Regularly recurring topics include the British empiricists, continental rationalists, Kant, Hegel, and post-Hegelian idealism. Meets with PHIL-611. Usually offered alternate springs (even years). *Prerequisite:* PHIL-105 or permission of instructor.

PHIL-412 Recent and Contemporary Philosophers (3) Topics vary by section, may be repeated for credit with different topic. Regularly recurring topics include Nietzsche, Kierkegaard, Husserl, naturalism, French existentialism, German existentialism, post-existential European philosophy, and analytic philosophy and phenomenology. Meets with PHIL-612. Usually offered alternate falls (odd years). *Prerequisite:* PHIL-105 or permission of instructor.

PHIL-413 Studies in Asian Philosophy (3) Topics vary by section, may be repeated for credit with different topic. Regularly recurring topics include Buddhist, Indian, and comparative philosophy. Meets with PHIL-613. Usually offered every spring. *Prerequisite:* one introductory course in philosophy.

PHIL-414 American Philosophy (3) This course covers classical American philosophers such as Charles Peirce, William James, and John Dewey. Alain Locke, an intellectual spokesperson for the Harlem Renaissance, and Neo-pragmatists such as Richard Rorty and Cornel West are also studied. Meets with PHIL-614. Usually offered alternate falls (odd years). *Prerequisite:* one introductory course in philosophy.

PHIL-416 Feminist Philosophy (3) Posing questions about what we can know, how we perceive, and how we experience our bodies and interactions with the world is arguably a central preoccupation of philosophy. Canonical works such as the Confessions of Augustine and Rousseau, Descartes' vivid first-person account of his quest for certainty, Merleau-Ponty's phenomenological investigation of embodied experience, and Sartre's existentialist study of "the gaze" have historically placed narrative investigation of the nature of human experience at the center of the philosophical project. One way to understand the distinctive contribution of feminist philosophers and theorists of the late twentieth century is to see that body of work as telling another side of the story, one that radically recasts conceptions of embodiment, identity, ethics, and the body politic. This course focuses on feminist approaches to enduring philosophical questions, to which is added the larger question of difference not limited to that of gender or sex. Meets with PHIL-616. Usually offered alternate springs (even years). *Prerequisite:* two courses in philosophy.

PHIL-417 Race and Philosophy (3) An introduction to the emerging area of critical race theory in philosophy. The course examines the development of "race" as an object of philosophy beginning in the early modern period, explores the way in which analysis of race has brought philosophy into public conversation, and the ways that philosophers have treated race and racism. Meets with PHIL-617. Usually offered alternate falls (odd years). *Prerequisite:* PHIL-105 or permission of instructor.

PHIL-418 Chinese Philosophy (3) Through close readings of primary texts in three major ancient Chinese philosophical traditions, Confucianism, Taoism, and Buddhism, this course explores Chinese understandings of human nature, language, transcendentalism, politics, and ethics. Meets with PHIL-618. Usually offered alternate springs (even years). *Prerequisite:* one course in philosophy.

PHIL-419 Buddhist Philosophy (3) This course explores Buddhist philosophy of the mind, language, and ethics through a close reading of major Buddhist texts. Meets with PHIL-619. Usually offered alternate springs (odd years). *Prerequisite:* one course in philosophy.

PHIL-453 Metaphysics (3) Topics vary by section, may be repeated for credit with different topic. Course focuses on one of the following topics: mind and soul, the concept of freedom, analysis and explanation of action, and metaphysics and metaphilosophy. Meets with PHIL-653. *Prerequisite:* two courses in philosophy or permission of instructor.

PHIL-455 Philosophy of Religion (3) Leading contemporary movements in the philosophy of religion. Meets with PHIL-655. Usually offered alternate springs (even years). *Prerequisite:* one introductory course in philosophy or religion.

PHIL-480 Senior Seminar (3) This seminar provides a capstone experience for majors in philosophy. Students develop a research project, refining and demonstrating the skills they have developed as philosophy majors. Usually offered every spring. *Prerequisite:* senior philosophy majors.

PHIL-485 Selected Topics in Philosophy (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including medical ethics, philosophy of language, advanced philosophical argumentation, philosophy of reason and passion, bio-ethics, and post-modernism. Usually meets with PHIL-685. Usually offered every term. *Prerequisite:* PHIL-105 or permission of instructor.

PHIL-490 Independent Study Project in Philosophy (1-6) *Prerequisite:* permission of instructor and department chair. *Note:* Generally open only to seniors.

Graduate and Advanced Undergraduate Courses

PHIL-520 Seminar on Ethical Theory (3) Survey of the development of ethical theory in Western philosophy by analysis of major works in classical and contemporary moral philosophy. Issues investigated include the nature of the good and the right, the possibility of moral knowledge, the principles of individual virtue and social justice, the problems of ethical relativism and absolutism, and the foundations of modern conceptions of human rights. Usually offered every fall. *Prerequisite:* PHIL-220 or permission of instructor.

PHIL-525 Seminar on Modern Moral Problems (3) Surveys a contemporary moral issue of the instructor's choosing and explores how philosophers have worked to understand and address this issue. Usually offered every spring. *Prerequisite:* PHIL-220 or permission of instructor.

PHIL-590 Independent Reading Course in Philosophy (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

Note: Courses at the 600 level generally meet with courses at the 400 level. Registration at the 600 level implies graduate-level assignments and higher expectations regarding performance.

PHIL-600 Ancient Philosophy (3) An examination of ancient Greek philosophy starting with the pre-Socratics and continuing through Plato, Aristotle, and the three major Hellenistic traditions: Epicureanism, Stoicism, and Skepticism. Meets with PHIL-400. Usually offered alternate falls (odd years).

PHIL-601 Early Modern Philosophy (3) This course covers major philosophers from the sixteenth to the eighteenth centuries such as Descartes, Spinoza, Leibniz, Hume, and Kant. Meets with PHIL-401. Usually offered alternate springs (even years). *Note:* PHIL-600 is recommended but not required.

PHIL-602 Nineteenth Century Philosophy (3) This course covers major philosophers from the nineteenth century such as Hegel, Marx, Kierkegaard, and Nietzsche. Meets with PHIL-402. Usually offered every fall.

PHIL-603 Twentieth Century Philosophy (3) Explores the fundamental movements of contemporary, continental Western philosophy, including existentialism, phenomenology, hermeneutics, and poststructuralism. Meets with PHIL-403. Usually offered every spring.

PHIL-610 The Classical Period (3) Topics vary by section, may be repeated for credit with different topic. Regularly recurring topics include: the pre-Socratics, Plato, Aristotle, Neo-Platonism, and Augustine. Meets with PHIL-410. Usually offered alternate falls (even years). *Prerequisite:* PHIL-600 or permission of instructor.

PHIL-611 Modern European Movements (3) Topics vary by section, may be repeated for credit with different topic. Regularly recurring topics include: the British empiricists, continental rationalists, Kant, Hegel, and post-Hegelian idealism. Meets with PHIL-411. Usually offered alternate springs (even years).

PHIL-612 Recent and Contemporary Philosophers (3) Topics vary by section, may be repeated for credit with different topic. Regularly recurring topics include Nietzsche, Kierkegaard, Husserl, naturalism, French existentialism, German existentialism, post-existential European philosophy, and analytic philosophy and phenomenology. Meets with PHIL-412. Usually offered alternate falls (odd years).

PHIL-613 Studies in Asian Philosophy (3) Topics vary by section, may be repeated for credit with different topic. Regularly recurring topics include Buddhist, Indian, and comparative philosophy. Meets with PHIL-413. Usually offered every spring.

PHIL-614 American Philosophy (3) This course covers classical American philosophers such as Charles Peirce, William James, and John Dewey. Alain Locke, an intellectual spokesperson for the Harlem Renaissance, and Neo-pragmatists such as Richard Rorty and Cornel West are also studied. Meets with PHIL-414. Usually offered alternate falls (odd years).

PHIL-616 Feminist Philosophy (3) Posing questions about what we can know, how we perceive, and how we experience our bodies and interactions with the world is arguably a central preoccupation of philosophy. Canonical works such as the Confessions of Augustine and Rousseau, Descartes' vivid first-person account of his quest for certainty, Merleau-Ponty's phenomenological investigation of embodied experience, and Sartre's existentialist study of "the gaze" have historically placed narrative investigation of the nature of human experience at the center of the philosophical project. One way to understand the distinctive contribution of feminist philosophers and theorists of the late twentieth century is to see that body of work as telling another side of the story, one that radically recasts conceptions of embodiment, identity, ethics, and the body politic. This course focuses on feminist approaches to enduring philosophical questions, to which is added the larger question of difference not limited to that of gender or sex. Meets with PHIL-416. Usually offered alternate springs (even years).

PHIL-617 Race and Philosophy (3) An introduction to the emerging area of critical race theory in philosophy. The course examines the development of "race" as an object of philosophy beginning in the early modern period, explores the way in which analysis of race has brought philosophy into public conversation, and explores the ways that philosophers have treated race and racism. Meets with PHIL-417. Usually offered alternate falls (odd years).

PHIL-618 Chinese Philosophy (3) Through close readings of primary texts in three major ancient Chinese philosophical traditions, Confucianism, Taoism, and Buddhism, this course explores Chinese understandings of human nature, language, transcendentalism, politics, and ethics. Meets with PHIL-418. Usually offered alternate springs (even years). *Prerequisite:* one course in philosophy.

PHIL-619 Buddhist Philosophy (3) This course explores Buddhist philosophy of the mind, language, and ethics through a close reading of major Buddhist texts. Meets with PHIL-419. Usually offered alternate springs (odd years). *Prerequisite:* one course in philosophy.

PHIL-653 Metaphysics (3) Topics vary by section, may be repeated for credit with different topic. Course focuses on one of the following topics: mind and soul, the concept of freedom, analysis and explanation of action, and metaphysics and metaphilosophy. Meets with PHIL-453.

PHIL-655 Philosophy of Religion (3) Leading contemporary movements in the philosophy of religion. Meets with PHIL-455. Usually offered alternate springs (even years).

PHIL-685 Selected Topics in Philosophy (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including: medical ethics, philosophy of language, advanced philosophical argumentation, philosophy of reason and passion, bio-ethics, and post-modernism. Usually meets with PHIL-485. Usually offered every term.

PHIL-690 Independent Study Project in Philosophy (1-6) *Prerequisite:* permission of instructor and department chair.

PHIL-691 Internship in Philosophy (1-6) *Prerequisite:* permission of instructor and department chair.

PHIL-693 Global Ethics (3) The integrative seminar for the MA in Ethics, Peace, and Global Affairs. Discusses ethics, ethical systems, and the presuppositions of international relations from a critical, cross-cultural perspective. Completion and presentation of a major integrative research paper is required. Usually offered every spring.

PHIL-702 Graduate Seminar in Philosophy (3-12) Topics vary by section, may be repeated for credit with different topic. Intensive study of selected problems under individual direction. Topics include history of philosophy, metaphysics, logic, epistemology, philosophy of science, value theory, philosophy of religion, social philosophy, and Eastern philosophy. Usually offered alternate springs (odd years).

PHIL-797 Master's Thesis Research (1-6) May be taken SP/UP only. *Prerequisite:* permission of department chair.

Physics

Undergraduate Courses

PHYS-100 Physics for the Modern World FA5 (4) The laws and rules that govern nature and the physical universe are beautiful yet mysterious. Physics is the science that tries to find these laws by observation, measurement, and testing of hypotheses. The course traces the development of the scientific method and work that forms the basis for studying mechanics, waves, sound, light, and electricity. Includes laboratory. Usually offered every term. *Prerequisite:* completion of the University Mathematics Requirement or concurrent enrollment in a mathematics or statistics course that has MATH-15x Finite Mathematics as a prerequisite.

PHYS-105 General Physics I FA5 (4) The first course in a rigorous, two-semester sequence in general physics, including weekly laboratory. Includes the study of motion and forces, Newton's Laws, momentum, energy, gravitation, fluids, properties of matter, and thermodynamics. *Note:* PHYS-105/205 generally satisfy minimum requirements of medical and dental schools. Usually offered every fall. *Prerequisite:* MATH-170 or equivalent.

PHYS-110 Principles of Physics I FA5 (4) The first course in a calculus-based, two-semester sequence in general physics, including weekly laboratory. Includes the study of motion and forces, Newton's Laws, momentum, energy, gravitation, fluids, properties of matter, and thermodynamics. *Note:* PHYS-110/210 generally satisfy requirements of medical and dental schools. Usually offered every fall. *Prerequisite:* MATH-221 (may be taken concurrently) or permission of instructor.

PHYS-200 Physics for a New Millennium FA5 (3) In an interactive lab/lecture environment, students have the opportunity to explore topics in electricity and magnetism, light and optics, and modern physics. Emphasis is placed on inquiry-based activities that utilize these topics as a foundation for understanding current technological advancements. Usually offered every spring. *Prerequisite:* PHYS-100 or PHYS-105 or PHYS-110.

PHYS-205 General Physics II FA5 (4) The second course in a rigorous, two-semester sequence in general physics, including weekly laboratory. Includes the study of waves, sound, light and optics, fields, electricity and magnetism, circuits, and other topics in modern physics. *Note:* PHYS-105/205 generally satisfy minimum requirements of medical and dental schools. Usually offered every spring. *Prerequisite:* PHYS-105 or PHYS-110, or permission of instructor.

PHYS-210 Principles of Physics II FA5 (4) The first course in a calculus-based, two-semester sequence in general physics, including weekly laboratory. Includes the study of waves, sound, light and optics, fields, electricity and magnetism, circuits, and other topics in modern physics. *Note:* PHYS-110/210 generally satisfy requirements of medical and dental schools. Usually offered every spring. *Prerequisite:* MATH-221 and PHYS-110, or permission of instructor.

PHYS-220 Astronomy FA5 (3) Theories of the formation of the universe, its structure and evolution over time. Stars, planets, and galaxies are born and change over the years; supernovae, neutron stars, pulsars, black holes, quasars, and solar systems are formed. Usually offered every term.

450 Course Descriptions

PHYS-230 Changing Views of the Universe FA2 (3) Study of science as a tradition that shaped and was shaped by the Western world. This is a course about science—how scientific thought, practice, and culture developed. It explores changing concepts in the physical sciences from their earliest roots to modern times, and discusses the interaction between the physical sciences and other aspects of society. Usually offered every term.

PHYS-300 Acoustics (3) Properties of sound, speech and music, reflection and diffraction. Open-air theaters, sound-absorptive materials and special constructions, and principles of room acoustics and design. Noise control, reduction of air-borne and solid-borne noise, and control of noise in ventilating systems, sound-amplification systems, and auditoriums. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-205 or PHYS-210, or PHYS-200 and MATH-221 or MATH-211, or permission of instructor.

PHYS-310 Electronics (4) Fundamentals of basic analog electronic components and circuits, including weekly laboratory. Components examined include: resistors, capacitors, inductors, rectifiers, transformers, triodes, and transistors. Quantities examined include: voltage, resistance, current, inductance, capacitance, reactance, and impedance. Circuit analysis involves application of Ohm's Law and Kirchhoff's rules. Circuits include: DC, AC, tuned, rectifier, and simple amplifying circuits. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-205 or PHYS-210, or PHYS-200 and MATH-221 or MATH-211, or permission of instructor.

PHYS-331 Modern Physics (3) Electrons, protons, and structure of matter: a historic view. The Rutherford-Bohr atom and elements of quantum mechanics and their applications to atomic, nuclear, and solid state physics. Usually offered every fall. *Prerequisite:* PHYS-200, PHYS-205, or PHYS-210, and MATH-222 (may be taken concurrently), or permission of instructor.

PHYS-351 Waves and Optics (3) The physics of waves is required to understand sound, light, and electronic information transfer. Starting with resonance phenomena, Fourier analysis, and basic wave equations, the course builds to an understanding of acoustics and optics. Laboratory activities are integrated into lectures. Usually offered every spring. *Prerequisite:* PHYS-200, PHYS-205, or PHYS-210, and MATH-222, or permission of instructor.

PHYS-360 Astrophysics (3) A study of the interiors, atmosphere, and life cycle of the sun and other stars. The course includes methods for quantifying stellar characteristics, radiative transfer, fundamental stellar timescales, thermonuclear reactions, and evolutionary models. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-331 or permission of instructor.

PHYS-380 Mathematical and Computational Physics (3) Introduces mathematical methods that are regularly used in upper-level physics courses, including linear algebra and eigenvalue problems, applications of multivariate and vector calculus, ordinary and partial differential equations, among others, and applies these to a variety of physics problems. Mathematica or MatLab software is taught and used in the course. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-200, PHYS-205, or PHYS-210, and MATH-313 (may be taken concurrently).

PHYS-390 Independent Reading Course in Physics (1-6) *Prerequisite:* permission of instructor and department chair.

PHYS-430 Classical Mechanics (3) Vector analysis. Newton's laws and dynamics of particles. Harmonic oscillator. Conservative systems. Gravitational forces and potential. Central fields and the motions of planets and satellites. Relativity. Elements of mathematical physics. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-351 and MATH-321 (may be taken concurrently).

PHYS-440 Experimental Physics (3) Lectures and laboratory with selected experiments to accompany advanced courses in mechanics, electricity and magnetism, acoustics, optics, and modern physics. Students plan and complete experiments that fit their background and previous training. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-331 and PHYS-351, or permission of instructor.

PHYS-450 Electricity and Magnetism (3) Electrostatics, potential theory, magnetic fields, Faraday and Ampere's laws, dielectric magnetic media, and Maxwell's equations. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-380 or PHYS-430, or permission of instructor.

PHYS-460 Statistical Mechanics (3) An introduction to thermodynamics and statistical mechanics, the areas of physics that provide general frameworks for understanding how the macroscopic behaviors of matter and energy emerge from the microscopic properties of atoms, molecules, and other elementary particles or degrees of freedom. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-351 and MATH-313.

PHYS-470 Introduction to Quantum Mechanics (3) Wave mechanics, Schroedinger equation, potential barriers and potential wells, harmonic oscillator, operators, eigenfunctions, eigenvalues, degeneracies, angular momentum, hydrogen atom. Usually offered every three semesters; see Physics Department website. *Prerequisite:* PHYS-380 or PHYS-430, or permission of instructor.

PHYS-480 Physics Capstone Seminar (3) Weekly research seminars include discussion of or lectures on physics research methods or research-related topics, and development of research skills, including the use of important scientific software and research tools. Students develop a capstone research project and associated goals, write a substantial research thesis, present a professional research talk, and maintain a research notebook. Usually offered every fall. *Prerequisite:* permission of department.

PHYS-490 Independent Study Project in Physics (1-6) *Prerequisite:* permission of instructor and department chair.

PHYS-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

Professional Science Master's

Graduate Courses

PSM-601 The Science of Science Writing (3) Science and medical writing requires grounding in a wide variety of disciplines and the ability to communicate with and through others. This course covers the fundamentals of science writing and communication, with an emphasis on overcoming the obstacles of effective science communication, as well as topics such as communicating risk, tailoring messages for children and other special populations, being persuasive, and constructing maximally effective messages for large lay audiences. Students gain an appreciation of how we generate, interpret, and work on information, as well as build skills necessary for successful careers in science/medical communication. Usually offered every fall. May be taken A-F only.

PSM-620 Regulatory Science for Medical Product Development (3) Provides students with an understanding of the regulatory framework governing medical product development and the science used to approve medical products in the United States. Emphasis is placed on the requirements and science for monitoring medical product safety and efficacy in the post-market environment. The role of medical product regulation in the context of global product development is also addressed. Usually offered every spring. May be taken A-F only.

Psychology

Undergraduate Courses

PSYC-105 Psychology: Understanding Human Behavior FA4 (3) Survey of the social bases of behavior and the individual foundations of group and social behavior. This course emphasizes the concepts and methodologies of psychology in such areas as social development, personality, social psychology, and abnormal behavior, as well as the interaction between the individual and social institutions. Usually offered every term.

PSYC-115 Psychology as a Natural Science FA5 (3) Through lectures and discussion, students are introduced to the many experimental questions addressed in psychology, e.g., environmental and genetic factors in behavior, biological bases of behavior, sensations and perception, conditioning and learning, memory and cognition, and drug use and abuse, as well as to the specific methods used in psychological research and the general research approaches used in science. Usually offered every term. *Prerequisite:* completion of the University Mathematics Requirement or concurrent enrollment in a mathematics or statistics course that has MATH-15x Finite Mathematics as a prerequisite. *Co-requisite:* PSYC-116.

PSYC-116 Psychology as a Natural Science Lab FA5 (1) Through laboratory experiments and simulations, students are exposed to the various techniques, procedures, designs used in the study of behavior. Usually offered every term. *Prerequisite:* completion of the University Mathematics Requirement or concurrent enrollment in a mathematics or statistics course that has MATH-15x Finite Mathematics as a prerequisite. *Co-requisite:* PSYC-115.

PSYC-200 Behavior Principles FA5 (3) The experimental analysis of behavior (EAOB) systematically relates a behavior's probability to its consequences (reinforcement and punishment). Principles derived from the EAOB are used to explain simple animal learning, stimulus control, behavioral sequences and patterning, verbal and other complex human behavior, and emotion. Issues raised by a behavioral approach to human conduct are discussed. Usually offered every term.

PSYC-205 Social Psychology FA4 (3) The processes of social thinking, such as the attribution of causality and the relation of attitudes to behavior; social influence, such as conformity, obedience, and persuasion; and social relations, including aggression, altruism, prejudice, and attraction. Focus on the individual in social settings. Research methods are emphasized. Usually offered every term.

PSYC-215 Abnormal Psychology and Society FA4 (3) Focuses on behavior labeled as abnormal by society. Abnormal behavior as a function of the individual's interaction with social institutions (family, school, legal system, mental-health system, etc.). Introduction to the major concepts, theories, and issues of abnormal psychology. Usually offered every term.

PSYC-220 The Senses FA5 (3) An introductory discussion of why things appear as they do. Investigation of our perceptual experiences—their origins, refinements, interpretations, and applications. Discussion of scientific theory and research on the senses. Usually offered every term. *Prerequisite:* 100-level General Education Foundational Area 5 course.

PSYC-235 Theories of Personality FA4 (3) Students explore and critically compare four major approaches to understanding uniqueness in human behavior, emotion, and thought: holistic, dynamic, learning, and trait/biological. Class debates, exercises, and a paper help students use these theories to understand their own and others' personalities. Usually offered every term. *Prerequisite:* PSYC-105.

PSYC-240 Drugs and Behavior FA5 (3) This introduction to psychoactive drugs and their effects includes an overview of general physiology, neurochemistry, and pharmacology as well as a survey of the basic physiological, pharmacological, and behavioral effects of drugs. The course focuses on the etiology of drug use and the factors involved in, and consequences of, drug abuse, addiction and dependence. Critical evaluation of research methodology in drug assessment is stressed. Usually offered every term. *Prerequisite:* 100-level General Education Foundational Area 5 course.

PSYC-300 Memory and Cognition (3) This course provides an overview of the so-called higher mental processes such as attention, perception, language, and thinking, with a special emphasis on memory. The approach is behavioral rather than physiological. Both empirical research and theoretical frameworks are discussed, along with current issues of interest. Usually offered every spring. *Prerequisite:* PSYC-115 or permission of instructor.

PSYC-301 Research Methods in Psychology (3) An introduction to the basic tools of research used by psychologists. Includes principles of the scientific method, experimental and correlational research, single-subject research, validity and reliability of measurements, ethical issues, and research reporting. Usually offered every term. *Prerequisite:* PSYC-115 and STAT-202.

452 Course Descriptions

PSYC-310 Introduction to Forensic Psychology (3) Psychologists who work effectively with the legal system combine an understanding of the law with pertinent clinical information to communicate psychological findings in the adjudicative setting. This course focuses on the practice of forensic psychology with an emphasis on the relationship between law and behavioral sciences. Usually offered every spring. *Prerequisite:* PSYC-105.

PSYC-315 Self-Management (3) Principles of cognitive-behavioral self-control for achievement of personal goals. Self-management research is reviewed in weight loss, studying, self-esteem, giving up smoking, drug addiction, depression, time management, and enjoying oneself. Students conduct self-modification projects in group settings. *Prerequisite:* PSYC-105.

PSYC-318 Fundamentals of Human Neuropsychology (3) Concerned primarily with the structure, organization, and function of the human brain and the manner in which it produces thoughts, feelings, movement, perceptions, language, and memories. Explores normal brain functioning as well as neurological disorders. Of particular value to students interested in cognition, psychopathology, neurology/medicine, and linguistics. Usually offered alternate falls (even years). *Prerequisite:* PSYC-115 or permission of instructor.

PSYC-320 Women and Mental Health (3) This course focuses on women's functioning. Includes theories of the personality of women, common adjustment problems faced by women, and emotional problems prevalent in women. Usually offered alternate springs. *Prerequisite:* PSYC-105.

PSYC-325 Neurobiological Bases of Behavior (3) Introduction to the biological bases of behavior. Includes basic neurophysiology (activation of neurons and communication among cells); the basic organization of the nervous system; the role of the brain in receiving stimuli; and the neurobiology of motivated behavior, learning, and behavior disorders. Usually offered alternate falls. *Prerequisite:* PSYC-115 or permission of instructor.

PSYC-333 Health Psychology (3) An exploration of how psychological theories and techniques can minimize unnecessary morbidity and premature mortality. Behavioral, cognitive, and affective targets for primary and secondary prevention efforts are identified from epidemiological theory and research. Ways in which psychological methods can contribute to provision of outpatient and inpatient medical services. Usually offered every fall. *Prerequisite:* PSYC-105.

PSYC-335 Psychology of Religion (3) Classic and contemporary views of religion from a psychological perspective. Review of research methodologies as well as major theorists including Freud, Jung, James, Rizzuto, Erikson, Otto, Girgensohn, Allport, Fromm, and Maslow. Usually offered alternate springs.

PSYC-345 Community Psychology (3) This course introduces the principles, approaches, and guiding concepts of community psychology, including attention to diversity, action research, prevention, and citizen participation. Community psychology seeks to understand the interrelationship between individual well-being and multiple ecological levels of influence, from families and neighborhoods, to economic conditions and mass media. Community psychologists study these relationships to develop, implement, and evaluate interventions that address pressing problems in our society, including youth violence, HIV/AIDS, and educational disparities. Students apply and expand their learning of key concepts through service in community-based organizations. Usually offered every fall. *Prerequisite:* one introductory and two additional psychology courses.

PSYC-350 Child Psychology (3) Introduction to development from infancy through adolescence. Emphasis on theory and research in normal development: genetics, growth, and maturation; sensation and perception; motivation; cognitive and social functioning. Usually offered every term. *Prerequisite:* PSYC-105 or PSYC-115 or permission of instructor.

PSYC-360 The Evolution of Behavior (3) Approaches to the study of animal and human behavior with emphasis on the explanation of these behaviors in light of ecology and evolution. Includes aggression, language, sex differences, intelligence, development, learning, and instinct. Usually offered every spring. *Prerequisite:* PSYC-115 or PSYC-105 or permission of instructor.

PSYC-370 Learning and Behavior (3) Research and theory in animal learning. Covers classical and instrumental conditioning. Ethology and biological constraints on learning. Usually offered alternate falls. *Prerequisite:* PSYC-115 or permission of instructor.

PSYC-390 Independent Reading Course in Psychology (1-6) *Prerequisite:* permission of instructor and department chair.

PSYC-420 Adolescent Psychology (3) Study of adolescence as a period of transition. Includes research and theory on hormonal, emotional, social, and cognitive development in adolescence. The influence of peer pressure, need for self-individuation, and problems of adolescence are also considered. Usually offered alternate springs. *Prerequisite:* PSYC-105.

PSYC-425 Psychology of Eating Disorders and Obesity (3) The study of theory, research, diagnosis and treatment as it pertains to nutrition, dieting, exercise, body image, obesity, anorexia nervosa and bulimia nervosa. Usually offered alternate springs. *Prerequisite:* PSYC-105 or PSYC-115.

PSYC-430 Human Sexual Behavior (3) Basic physiological knowledge, sex education, sexual myths, premarital and marital sexual behavior, homosexuality, pornography, etc. Emphasis on psychological aspects of sex and sexuality. Usually offered every fall.

PSYC-433 Research Design and Methods: Social Science Psychology Research (4) Introduces basic principles of psychological measurement and research design. Explains methods of identifying and developing reliable and valid psychological tests and behavioral observation systems. Reviews experimental and correlational research designs, as applied to social science areas of psychology (e.g. psychotherapy outcome research). Usually offered every term. *Prerequisite:* permission of instructor.

PSYC-440 Social Psychological Approaches to Clinical Issues

(3) Examines applications of social psychology to clinical psychology. Includes using social psychology to understand disorders such as depression; applying social psychology to treatment issues, such as persuading people to remain in therapy; and considering diagnosis as a problem in social cognition. Usually offered alternate springs (even years). *Prerequisite:* PSYC-205 or permission of instructor.

PSYC-450 Psychology of Well-Being (3) An overview of the theory, research, and applications in the psychology of well-being. Includes self-esteem, relationships and intimacy, competence and achievement, crisis and loss, and meaning and values in life. Usually offered every spring. *Prerequisite:* PSYC-105 or PSYC-115.

PSYC-470 Introduction to Clinical Psychology (3) The focus is on two major activities of clinical psychologists: assessment and clinical intervention (psychotherapy and program models). Also includes the functions, history, training, and ethics of the profession. Usually offered alternate falls. *Prerequisite:* PSYC-105 or PSYC-115, and either PSYC-215 or PSYC-230.

PSYC-480 Research Design and Methods: Experimental Psychology (4) Data and research methods in core areas of psychology. Review of experimental design. Individual and group experiments. Usually offered alternate springs. *Prerequisite:* permission of instructor.

PSYC-490 Independent Study Project in Psychology (1-6)

Prerequisite: permission of instructor.

PSYC-491 Internship (1-3) Practical experience in a professional setting in the metropolitan area for advanced psychology majors. *Prerequisite:* permission of instructor and department chair.

PSYC-497 Topics in Psychology (3) Topics vary by section, may be repeated for credit with different topic. Each section is an intensive course in a specialized area of psychology, such as community psychology, social and clinical judgement, and psychology of infancy. Usually offered every term. *Prerequisite:* three psychology courses, junior standing and permission of instructor.

PSYC-498 Senior Thesis Seminar (3) May be repeated for credit. Students participate in research under the supervision of individual faculty (which should be arranged before enrolling). The proposal, analysis, and conclusions of this research are discussed among other students as well as with departmental faculty. Honors students are required to take two semesters. Usually offered every term. *Prerequisite:* permission of instructor.

Graduate and Advanced Undergraduate Courses

PSYC-501 Physiological Psychology (3) Anatomical and physiological substrata of behavior. Usually offered alternate springs. *Prerequisite:* two psychology courses, and junior or graduate standing.

PSYC-502 History and Systems of Psychology (3) Philosophical and scientific background of modern psychology and contemporary problems of theory construction. Usually offered alternate falls.

PSYC-505 Advanced Personality Psychology (3) Examines contemporary research in personality psychology, focusing on expectancies, motivation, self-concept, and genetic and environmental influences on personality development. Gender and cultural issues are considered, as are applications of personality psychology in the study of mental and physical health. Usually offered alternate springs. *Prerequisite:* graduate standing or permission of instructor.

PSYC-510 Advanced Forensic Psychology (3) This course expands on topics covered in PSYC-310 Introduction to Forensic Psychology and is organized around reading primary sources in important areas of forensic psychology including torture, predatory sexual behaviors, bullying, and battering, among others. Students gain an in-depth exposure to and increased understanding of Axis II, Cluster B personality disorders, as described in the DSM-IV, and have extensive exposure to the most scientific research on these phenomena. *Prerequisite:* PSYC-310. Usually offered every spring.

PSYC-513 Neuropharmacology: The Biochemistry of Behavior (3) Following an overview of central nervous system physiology, this class gives a detailed examination of the range of neurotransmitters involved in neural communication and modulation. Each neurotransmitter is described in the context of its biochemistry, distribution, pharmacology, and involvement in both normal and abnormal behavior. Usually offered alternate springs (even years). *Prerequisite:* graduate standing or permission of instructor.

PSYC-514 Industrial/Organizational Psychology (3) Application of psychological principles to the field of work. Includes selection, training, evaluation, leadership, motivation, decision making, job attitudes and satisfaction, organizational structure and theory, and human factors. Usually offered every fall. *Prerequisite:* two psychology courses and one statistics course.

PSYC-515 Psychology of Music (3) This course focuses on how we process music in general, both at micro and macro levels. The course explores neural, perceptual, cognitive, as well as social and clinical aspects of both listening to and performing music. Topics discussed include the workings of the brain, comparisons with language, memory for music, development of musicality, individual differences, performance anxiety, and music therapy. Meets with PERF-515. *Prerequisite:* three psychology courses, and theoretical or practical music experience.

PSYC-518 Advanced Human Neuropsychology (3) Explores the empirical, anatomical, and theoretical aspects of clinical and cognitive human neuropsychology. Includes object and face recognition; spatial perception; voluntary action; language (oral, writing, and reading comprehension, word and sentence processing, speech production); problem-solving and calculation; memory; and dysfunctions (i.e., agnosias, apraxias, amnesias, and aphasias) illustrated with clinical case studies. Usually offered alternate springs (odd years). *Prerequisite:* permission of instructor.

PSYC-521 Ethnic and Minority Issues in Psychology (3) A review of ethnic and minority issues as they relate to testing, psychotherapy, research, and other aspects of scientific and professional psychology. Usually offered alternate falls. *Prerequisite:* graduate standing or permission of instructor.

454 Course Descriptions

PSYC-522 Stress, Coping, and Emotion (3) This course introduces students to the theory, methods, and applications of stress and coping research, while allowing them to understand and manage their own experiences of stress. Reading assignments and lectures address the nature of psychological stress, its relation to appraisals, coping, and emotion, and the specific methodological challenges of studying stress and coping. It includes models of stress responses, personality, gender, and culture. Personal growth, stress and health, depression, and clinical interventions are also discussed. Usually offered alternate springs. *Prerequisite:* graduate standing or permission of instructor.

PSYC-530 Conditioning and Learning (3) Advanced treatment of the basic principles, theory, and experimental literature of contemporary operant and Pavlovian conditioning. The reinforcement variables responsible for the acquisition and maintenance of the stimulus control of behavior and incentive-motivation are studied. These variables are central to understanding changes in behavior resulting from past experience. The emphasis is on basic principles and research in this area, although practical applications, such as animal models of drug abuse, are also discussed. Usually offered alternate springs. *Prerequisite:* PSYC-200 or PSYC-370 or graduate standing.

PSYC-533 Cognitive Behavior Therapy (3) This seminar examines critically the cognitive revolution in behavior therapy. We review the theoretical basis, clinical procedures, and empirical status of several major forms of cognitive behavior therapy, which share the premise that maladaptive thinking is at the core of psychological distress. Usually offered alternate springs. *Prerequisite:* graduate standing or permission of instructor.

PSYC-540 Advanced Social Psychology (3) Psychological factors in human social behavior. Examination of research literature with emphasis on design and methodology. Theoretical problems in social behavior and current trends in experimentation. Usually offered alternate springs. *Prerequisite:* graduate standing or permission of instructor.

PSYC-545 Psychology of Sex Similarities and Differences (3) Examines the ways that the behavior of males and females are comparable by examining the psychological literature to understand what biological and social-cultural factors influence these behaviors. Considers what conclusions can be drawn from the existing data and what types of research should be done to further knowledge of gender issues. Usually offered alternate springs. *Prerequisite:* graduate standing or permission of instructor.

PSYC-550 Psychological Research (3) An in-depth examination of experimental design and methods of conducting research in clinical, social, experimental, and bio-psychology. Usually offered every fall. *Prerequisite:* graduate standing.

PSYC-551 Psychopathology: Theory and Research (3) Case-study seminar on psychopathological behavior. Focus on symptoms and syndromes from conflict/stress-defense model. Usually offered every spring. *Prerequisite:* graduate standing or permission of instructor.

PSYC-555 Improving Human Services (3) To measure, monitor, and maximize the effectiveness and cost-effectiveness of mental health treatment, substance abuse programs, and other human services, concrete strategies are presented for collecting, analyzing, presenting and using data on resources, procedures, processes, and outcomes. Readings are augmented with case studies and findings from evaluations by the faculty and students. Usually offered every spring. *Prerequisite:* PSYC-105 and STAT-202, or graduate standing, or permission of instructor.

PSYC-560 Advanced Developmental Psychology (3) Current theoretical and research issues in child psychology. Areas of emphasis include socialization, affective development, and cognitive development. Students, from their readings and discussion, critically analyze existing data and formulate questions for further investigation. Usually offered alternate falls. *Prerequisite:* graduate standing or permission of instructor.

PSYC-568 Alternative Medicine (3) This course explores the art and science of alternative (also known as integrative, complementary, or holistic) medicine. It investigates the scientific, cultural, and spiritual dimensions of healing, including scientific research as well as historical and global healing traditions. The modern perspective of mind-body-spirit healing is considered in context with specific alternative therapies, including acupuncture, meditation, herbal and homeopathic medicine, bio-energy healing, psychotherapy, nutrition, chiropractic, and more. Usually offered every spring. *Prerequisite:* graduate standing or permission of instructor.

PSYC-575 Advanced Memory and Cognition (3) After a short review of the field in general, this course focuses on specific issues, both theoretical and applied. Areas covered include attention, perception, language, and thinking. Usually offered every spring. *Prerequisite:* graduate standing or permission of instructor.

PSYC-590 Independent Reading Course in Psychology (1-6) *Prerequisite:* permission of instructor and department chair.

PSYC-597 Topics in Psychology (3) Topics vary by section, may be repeated for credit with different topic. Each section is an intensive course in a specialized area of psychology. Usually offered every term. *Prerequisite:* permission of instructor.

PSYC-598 Seminar in Behavior, Cognition, and Neuroscience (3) Topics vary by section, may be repeated for credit with different topic. Examination of neuroscience issues through articles, texts, and group discussion. The course extends the foundations established in the core curriculum and demonstrates their application to cutting edge research. Usually offered every term. *Prerequisite:* graduate standing or permission of instructor.

Graduate Courses

PSYC-618 Principles of Neuropsychological Assessment (3) Introduces theoretical and empirical principles of neuropsychological assessment. Emphasis on developing skills of behavioral and cognitive observation coupled with an understanding of the underlying functional organization of the human nervous system. Students study representative tests and, in the laboratory and/or in supervised clinical settings, practice their administration, scoring, and interpretation. *Prerequisite:* PSYC-518, PSYC-633 and permission of instructor.

PSYC-630 Psychotherapy: Theory, Research, and Practice (3)

A survey of research literature relevant to the therapist, the client, the relationship and process of psychotherapy. Major theoretical orientations and techniques are reviewed. Usually offered every fall.

PSYC-633 Psychological Assessment I (3) Introduces students to basic principles of psychological assessment. Emphasizes conceptual issues much more than practical applications, though substantive psychological research is used to illustrate the concepts. Helps students learn how to critically evaluate, and contribute to, knowledge regarding measurement of psychological functioning. Usually offered every fall.

PSYC-652 Assessment of Intellectual Function and Personality (3) Introduction to administration and interpretation of WAIS-III, MMPI-II, and Structured Clinical Interview for DSM-IV. Also includes integration across tests, holistic case conceptualization, and report writing. Usually offered every fall. *Prerequisite:* PSYC-551, PSYC-633, and permission of instructor.

PSYC-653 Advanced Assessment: Projective Personality (3) Review of the Rorschach, TAT, and other projective tests. Integration and interpretation of projective tests in conjunction with interview and intelligence data and other testing. Includes report writing and hands-on assessment experience. Usually offered alternate springs. *Prerequisite:* PSYC-633 and PSYC-652, or permission of instructor.

PSYC-654 Advanced Assessment: Integrative Battery (3) This advanced testing course builds on PSYC-633 and PSYC-652. Students are trained to administer batteries of tests, score them, and write reports that integrate the findings from the tests. Usually offered alternate springs. *Prerequisite:* PSYC-633 and PSYC-652, or permission of instructor.

PSYC-670 Behavioral Medicine (3) Acquaints students with psychological theory, research, and practical techniques for maintaining health, preventing dysfunctions, and remediating health problems. Includes cognitive-behavioral techniques for cardiovascular risk reduction (smoking, obesity, stress, diet), exercise enhancement, time management, adherence to medical regimens, and problems with nervous, respiratory, gastrointestinal, and musculoskeletal systems. *Prerequisite:* admission to graduate program in psychology or health fitness management.

PSYC-680 Experiential Psychotherapy Practicum I (3) Interviewing techniques and practice in skills related to counseling psychotherapy by systematic exposure to critical elements in interviews through supervision and guided observation. Usually offered every fall. May be taken pass/fail only. *Prerequisite:* permission of instructor.

PSYC-681 Experiential Psychotherapy Practicum II (3) Continuation of PSYC-680. Usually offered every spring. May be taken pass/fail only. *Prerequisite:* permission of instructor.

PSYC-690 Independent Study Project in Psychology (1-6) *Prerequisite:* permission of instructor and department chair.

PSYC-691 Internships (1-6) *Prerequisite:* permission of instructor and department chair.

PSYC-698 Directed Research (3-6) May be repeated for credit. May not be used in place of PSYC-796, PSYC-797, or PSYC-799. Usually offered every term.

PSYC-710 Cognitive-Behavior Therapy Practicum I (3) Review of behavior therapy and cognitive-behavioral techniques. Supervision and co-therapy in application of techniques. Usually offered every fall. May be taken pass/fail only. *Prerequisite:* admission to clinical psychology doctoral program.

PSYC-711 Cognitive-Behavior Therapy Practicum II (3) Review of behavior therapy and cognitive-behavioral techniques. Supervision and co-therapy in application of techniques. Usually offered every spring. May be taken pass/fail only. *Prerequisite:* admission to clinical psychology doctoral program.

PSYC-715 Supervision and Consultation (1) An overview of common models of supervision and consultation in psychology with an emphasis on the evidence-based variables contributing to effective supervision and consulting relationships. The course explores the difference between supervisor and supervisee and consultant and consultee while emphasizing awareness of ethical issues and reasoning. Usually offered alternate springs.

PSYC-791 Psychodynamic Psychotherapy Practicum I (3) Usually offered every fall. May be taken pass/fail only. *Prerequisite:* permission of instructor.

PSYC-792 Psychodynamic Psychotherapy Practicum II (3) Usually offered every spring. May be taken pass/fail only. *Prerequisite:* permission of instructor.

PSYC-796 Master's Thesis Seminar (3) May be taken pass/fail only.

PSYC-797 Master's Thesis Research (1-3) May be taken SP/UP only. *Prerequisite:* PSYC-796.

PSYC-799 Doctoral Dissertation Research (1-9)

PSYC-898 Doctoral Continuing Enrollment (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

PSYC-899 Doctoral Dissertation (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

Public Administration

Undergraduate Courses

PUAD-260 Administrative Politics (3) An introduction to American public administration and the executive branch of government. Emphasis on the politics of administration and on the relationship of the bureaucracy with clientele groups, Congress, the White House, and the public. Usually offered once a year.

PUAD-343 Introduction to Public Administration and Governance (3) An introduction to the theory and practice of organizing the modern state and achieving public policies. The course examines the evolution of the modern administrative state, together with the organizational theories that characterize and influence its development. Usually offered every spring.

Graduate and Advanced Undergraduate Courses

PUAD-590 Independent Reading Course in Public Administration (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

PUAD-010 Introduction to Experiential Education and the Learning Community (0) An introduction to the concepts and practices of experiential education. The group learning process is used to acquaint students with the core learning philosophy of the MSOD program and to support students in maximizing learning in "Learning Community Time" and in a cohort setting *Note:* Required orientation for MSOD program. No credit given toward degree requirement. May be taken pass/fail only. *Prerequisite:* admission to MSOD program.

PUAD-089 Colloquium in Public Administration and Policy (0) This course consists primarily of research presentations by PhD students, departmental faculty, and external scholars on a variety of topics in public administration and public policy. It also includes professional development sessions on publication, teaching, and job market strategies. Usually offered every term. May be taken pass/fail only. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-601 Quantitative Methods for Policy Analysis I (3) This course applies descriptive statistics and statistical inference methods to policy analysis. Includes measures of central tendency and dispersion, hypothesis testing, confidence intervals, and bivariate regression. Usually offered every fall.

PUAD-602 Quantitative Methods for Policy Analysis II (3) This course applies regression analysis techniques to policy analysis. The course focuses on understanding the linear regression model as well as limitations of this model. Usually offered every spring. *Prerequisite:* PUAD-601.

PUAD-603 Policy Process (3) An introduction to the policy process, especially as it takes place in the U.S. political system. Various theoretical approaches and models for the study of agenda setting, policy adoption, implementation, and evaluation are reviewed and applied, along with an examination of the legal and constitutional context. Usually offered every term.

PUAD-604 Public Program Evaluation (3) Introduction to the elements of policy and program analysis. Normative criteria for program evaluation; systematic strategies for assessing and measuring the effects of program elements and policy changes; and logic and limitations. Usually offered every term. *Prerequisite:* PUAD-602.

PUAD-605 Quantitative Methods for Public Managers (3) Prepares students to understand and use standard statistical techniques and interpret statistical analyses in order to enhance managerial and policy decisions. Usually offered every term.

PUAD-606 Foundations of Policy Analysis (3) This gateway course for the Master of Public Policy (MPP) program introduces students to the scope, methods, issues, and evolution of policy studies. Students learn and apply various frameworks for approaching the enterprise of policy analysis, become familiar with the logic and applicability of analytical techniques, and gain an appreciation for the ethical issue, values, and context of government policy. Usually offered every term.

PUAD-607 Economics and Politics of Public Policy (3) Applies basic normative and positive theories of public policy to specific policy areas, including social welfare and regulatory policies. Includes environmental policy, education, welfare, health care, EEO and discrimination, transportation, cable TV, and drug policy, depending on student interests. Usually offered every spring. *Prerequisite:* PUAD-606 or PUAD-630.

PUAD-608 Comparative Administrative Systems (3) A comparative examination of governmental administrative and policymaking institutions in the context of national and international economic and political systems. The emphasis is on the impact of these institutions and systems on policies and programs in developed and developing nations. Usually offered every spring.

PUAD-609 Topics in Public Management (3) Topics vary by section, may be repeated for credit with different topic. The transformation of law and public policy into operational activities and its administrative challenges. Topics offered include the new public management; privatization and contracting out; performance management; cross-cultural administration; the management of "wicked" public policies; and traditional and non-conventional tools for delivering public services. Usually offered every term.

PUAD-610 Management Analysis (3) This capstone course tests students' abilities to integrate, synthesize, and apply Master of Public Administration (MPA) course work to significant public management challenges. Students complete a capstone project and write an essay reflecting on the relationship between the MPA program and their professional development. Usually offered every term. *Prerequisite:* completion of all MPA core courses.

PUAD-611 Managing in the Information Age (3) The use of information technology in public service organizations. Includes basic concepts and terminology, government and non-profit applications, the systems approach to organizational processes, database concepts, web-engineering, decision support, user involvement, methodologies for developing operating systems, and future trends. Usually offered every fall.

PUAD-612 Introduction to Public Administration and the Policy Process (3) This gateway course for the Master of Public Administration (MPA) program introduces students to the evolution of public administration as a profession, discipline, and career. Emphasized are the managerial, political, legal and constitutional, ethical, informational, and technical contexts of public administration, as well as the challenges these afford public administrators confronting contemporary issues. Usually offered every term.

PUAD-613 Global Governance and Public Policy (3) Considers what it means to govern and to create and carry out public policy at the global level. The course examines institutions with international scope such as the World Bank; the UN system and international NGOs; and policy issues with cross-national dimensions such as climate change; trade, and human rights. Usually offered every spring.

PUAD-614 Development Management (3) The problems of administering public programs in developing countries and the methods by which development projects are carried out. For foreign students who will be returning to developing countries as well as for Americans interested in international administration. Usually offered every fall and summer.

PUAD-615 Public-Private Partnerships (3) The provision of public services takes place through a variety of forms, including nonprofit organizations and business firms. This course examines the political, managerial, legal, financial, and ethical issues involved in utilizing non-governmental organizations for the delivery of public services, including the processes for deciding when to involve them and how to monitor their performance. Usually offered every spring.

PUAD-616 Legal Basis of Public Administration (3) The judicial and legislative oversight of public service managers; administrative procedures and rule making; managerial liability; legal requirements of administrative systems; public employment and labor law; merit system law; international human rights law; constitutional constraints on public service managers; and standards of ethics based in the law. Usually offered every fall and summer.

PUAD-617 Project Management (3) Fundamental concepts of project management for carrying out discrete operations in government agencies, non-profit organizations, or private sector organizations providing public services. Project design, planning, scheduling, systems engineering, cost estimation, innovation, and processes for conducting high-risk operations in risk-averse environments. Usually offered every term.

PUAD-618 Management Workshop (1-3) Topics vary by section, may be repeated for credit with different topic. Provides practical instruction in specific skills for implementing programs in the public sector and non-profit management, including auditing; management of volunteers; workplace diversity; government contracting; and effective communication. Usually offered every summer.

PUAD-619 Ethical Issues in Public Policy (3) Consideration of the ethical issues that arise in the formation and implementation of public policy. Includes the use of ethical standards as a guide to public policy making, how they differ from other approaches to decision making, and analysis of specific ethical controversies and challenges. Usually offered every spring.

PUAD-620 Public Marketing and Strategic Communication (1.5) Principles of marketing and strategic communication used by government agencies to identify features of government performance relevant to citizens; market government services; bring about changes in citizen behavior; and enhance the image of government agencies. The conceptual and theoretical framework for developing communication campaigns aimed at advancing public policy. Also includes marketing techniques such as focus groups and surveys to identify the causes of social behavior as well as citizen preferences and needs. Usually offered every spring. *Prerequisite:* admission to Executive MPA program.

PUAD-621 Topics in Executive Management (1.5) Topics vary by section, may be repeated for credit with different topic. Topics include developments in areas such as planning, organizing, staffing, information technology, program implementation, executive management and leadership, and international administration. Usually offered every term. *Prerequisite:* admission to Executive MPA program.

PUAD-622 Leadership for Executives (3) By focusing on the leadership skills of class members, this course is designed to sharpen the capabilities of executives to lead and manage others. Students examine their own managerial style, methods of communication, techniques of motivation, delegation of work, and approaches to group leadership. Class exercises are used to illustrate research findings from the behavioral sciences. Usually offered every fall. *Prerequisite:* admission to Executive MPA program.

PUAD-623 Executive Problem Solving (3) In this course key executives study the methods for gathering and analyzing information in ways that lead toward more effective and accurate decisions. Specific techniques for analyzing public policies and evaluating agency performance are examined. During this course each key executive develops a prospectus for analyzing a program or activity within his or her own agency. Usually offered every summer. *Prerequisite:* admission to Executive MPA program.

PUAD-624 Budgeting and Financial Management (3) The use of the executive budget as a device for management planning and control is the focus of this course on public financial management. Key executives develop their skills in understanding different budgetary systems, the elements of budget review and execution, and various strategies and tactics employed by participants in the budgetary process. Usually offered every fall. *Prerequisite:* admission to Executive MPA program.

PUAD-625 Analysis and Evaluation (3) The broad set of research activities essential for designing, implementing, and appraising the usefulness of government programs. Students assess the effectiveness and efficiency of innovative initiatives, as well as programs already in place, and gain skills critical in implementing the Government Performance and Results Act. Usually offered every term. *Prerequisite:* admission to Executive MPA program.

PUAD-626 Legal Issues in Public Administration (3) This course deals with the legal basis of government authority and the ways in which legal processes authorize yet limit executive action. Using statute and case law, key executives study the delegation of legislative power, rule-making, administrative appeals, and judicial review. Attention is focused on the legal issues in which key executives are most likely to become involved. Usually offered every spring. *Prerequisite:* admission to Executive MPA program.

PUAD-627 Politics, Policymaking, and Public Administration (3) Key executives examine the relationship of the legislative process, congressional oversight, and EOP/OMB review and approval to the administration of government policy. They study response to pressure groups, clientele groups, and the general public. Executives also address their relationship to political executives, the political basis of government organization, and the difficulties of interagency coordination. Usually offered every fall. *Prerequisite:* admission to Executive MPA program.

PUAD-628 Executive Skill Modules (1.5) Topics vary by section, may be repeated for credit with different topic. Participation in this program sequence is designed to improve the practical skills that top-level executives use on their jobs. Among the modules available to participants are computer literacy for executives, executive speaking, effective writing, and executive health and fitness. Usually offered every fall and summer. *Prerequisite:* admission to Executive MPA program.

PUAD-629 Symposium on Executive Management (2) This course focuses on the integration of the public executive role with the work of the organization from the macro, or institutional, perspective. As the capstone course, it focuses on the perspectives of executive management effectiveness that emerge from the four Key Executive Program study tracks. Usually offered every spring. *Prerequisite:* admission to Executive MPA program.

PUAD-630 Public Managerial Economics (3) This course introduces students to the concepts managers need to become informed consumers of microeconomics-based policy analysis, including resource scarcity; opportunity cost; supply and demand; consumer and producer surplus; market equilibrium; competitive markets; economic efficiency; market failure; intended and unintended consequences of policy interventions; efficiency; equity; and cost-benefit principles. Usually offered every term.

PUAD-631 Financing Government Services (3) May be repeated for credit with different topic (taxation or expenditure analysis). The practice of public finance and expenditure analysis. Taxation examines revenue instruments and their administration, as well as general principles of public finance. Expenditure analysis focuses on public sector expenditures and the demand for government services in areas such as education, transportation, infrastructure, public safety, health, and social support. Usually offered every term. *Prerequisite:* PUAD-630 or PUAD-670.

PUAD-633 Budgeting and Financial Management (3) Public sector budgeting and budgetary processes, including budget execution and control; cost estimation; capital financing and debt management; performance budgeting; cost-benefit analysis; basic government accounting; and financial statements. Usually offered every term.

PUAD-634 Acquisition Management (1.5-3) Provides students with the requisite understanding to exercise leverage in both the award and administration phases of the acquisition cycle. How to influence outcomes that further programmatic goals in support of public policy objectives. Basic rules, regulations, laws, and directives and ethical considerations are covered with respect to both competitive and sole source acquisitions. Usually offered every term. *Note:* 3-credit offering requires more in-depth study and provides for more class contact time. *Prerequisite:* admission to Executive MPA program.

PUAD-636 Strategic Fiscal Planning (3) How to analyze the financial health of state and local governments and other public organizations and develop remedies for financial problems. Financial condition is related to expenditure, revenue, and borrowing decisions; the economic base and needs of the community; capital markets; public employees; and the overall economic system. Offered irregularly. *Note:* a course in financial management is recommended.

PUAD-637 Public Managerial Macroeconomics (3) An introduction to macroeconomic theory and applications as a basis for understanding the financial environment of public management. Basic models for short- and long-run forecasting of revenue and expenditures. The business cycle and political theories for explaining fiscal patterns at the federal, state, and local levels. Credit markets, interest rates, and debt management. Offered irregularly. *Prerequisite:* PUAD-630 or equivalent.

PUAD-638 Strategic Human Resource Management for Executives (1.5) How executives exercise discretion in the application of human resource policy to enhance organizational effectiveness. Subjects covered include labor/management relations, merit-based staffing, performance management, employee selection, EEO, employee relations, and other workplace issues. Usually offered every spring. *Prerequisite:* admission to Executive MPA program.

PUAD-639 Ethics for Public Managers (1.5) Explores ethical philosophy and its implications for executive action and decision making. Includes conceptions of the public trust, conflicting interests, ends and means, deception, personal integrity, work place civility, and the need for government to keep its promises. Using case studies, students examine the ethical implications of alternative courses of action. Usually offered every spring. *Prerequisite:* admission to Executive MPA program.

PUAD-640 Leadership (3) This course deals with significant theories of leadership and human motivation that have shaped current applications in human resources. Emphasis is on those aspects of humanistic psychology most applicable to individual and group behavior in management. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-641 Applied Research Methods (3) Using cases, exercises, and drills this course establishes the essential role of research methods in the professional practice of Organization Development and change. The course equips students with competencies in qualitative and quantitative methodologies for data collection, techniques for analysis and interpretation, and capabilities to present analytic output in reports. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-642 Organization Theory and Diagnosis (3) This course introduces a broad range of research and theory about organizations and applies these to the task of understanding and diagnosing of organization dynamics. Through cases, lecture and experiential activities, the curriculum builds capability to address such factors and forces as organizational goals, structures, politics, power, culture, environments, and mindsets. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-644 Implementing System Change (3) This course immerses students in models and methods of full-scale organization development interventions, emphasizing design, management, and assessment of transformative change. Students participate in dialogues with executives and organization development change professionals, live cases, and fieldwork with transformative system change. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-646 Consultation and Coaching Theory and Skills (3) This course focuses on the theory and practice of consultation and coaching in organization development and change. Topics include roles and skills for change practitioners (internal/external consultant, manager, leader); process consultation; stages and tasks of the organization development consulting cycle; and an introduction to knowledge and skills for effective coaching of individuals and teams. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-648 Methods and Models of Change (3) This course examines major models and methods used in organization development and change. Topics include action research, process consultation, and team building; social construction, positive organizational studies and appreciative inquiry; large group and systems interventions; complexity sciences and self-organizing principles; organization discourse and dialogic interventions. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-649 Studies in Human Resource Management (1-3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including consultation in international settings; use of self in professional practice; conflict resolution; diversity and cultural competence. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-650 Leadership in a Changing Workplace (3) Students develop their leadership style and capacity. Includes supervision, motivation, team-building, group dynamics, communication skills, conflict resolution, effective work relationships, employee development, and diversity. Usually offered every spring and summer.

PUAD-652 Facilitation and Team Development (3) Strategies from the behavioral sciences that are used to improve the effectiveness of individuals, teams, and organizations. Includes data collection and feedback, group process observation, team building, conflict management, and professional issues. Usually offered every fall and summer.

PUAD-654 Organization Diagnosis and Change (3) Alternative theories and methods of intervention designed to bring about effective organization change. Students develop skills by applying theories and models to organization cases. Usually offered every spring.

PUAD-655 Managing Labor Management Relations (3) Understanding the rules governing labor management relations in the public sector in order to make lawful strategic and tactical decisions. Applying the rules to create and manage labor management relationships that maximize government productivity, public satisfaction, and employee fulfillment. Usually offered every spring.

PUAD-656 Managing Diversity (3) Focuses on the challenges managers face as they learn to work creatively and effectively with a diverse, multicultural workforce. The dimensions of diversity and people who are different, and the ways to become a more innovative and appropriate manager of difference are examined and explored. Offered irregularly.

PUAD-658 Managing Conflict (3) This course addresses the dynamics of conflict in organizations at three levels: interpersonal, work group, and inter-group. The origins, manifestation, and evolution of conflict in organizations are examined. Classes intersperse experiential activities with discussions of cases and theory. Participants develop skills, knowledge, strategies, and self-awareness to use in diagnosing and managing conflicts at work. Offered irregularly.

PUAD-659 Action Learning for Executives (1-3) Action learning is a group and leadership process that solves organizational problems in real time. This course provides students with the knowledge and skills to understand the theory and practice of action learning and prepare a proposal to conduct an action learning project for the executive MPA comprehensive examination. Usually offered every term. *Prerequisite:* admission to Executive MPA program.

PUAD-665 Managing Human Capital Assets (3) Policies and managerial processes for human capital including staffing, human resource development, classification, performance appraisal, equal employment opportunity, and labor-management relations. Usually offered alternate falls.

PUAD-670 Economics for Policy Analysis (3) This course covers microeconomic tools for policy analysts, including resource scarcity, opportunity cost, theory of the consumer, theory of the firm, consumer, and producer surplus, market equilibrium, allocative and productive efficiency, welfare economics, market failure, intended and unintended consequences of policy interventions, efficiency versus equity, and cost-benefit analysis. Usually offered every term.

PUAD-671 Cost Benefit Analysis (3) Course on the theory and practice of applied welfare economics for evaluating private, non-profit, and public projects from a public interest standpoint. Development and illustration of cost benefit analysis concepts, techniques, methods, and criteria through applications to a wide range of public policy issues such as economic development, infrastructure, social, and environmental projects. Integrated use of spreadsheet modeling framework to quantify benefits and costs, and to facilitate sensitivity and risk analysis. Usually offered every spring. *Prerequisite:* PUAD-630 or PUAD-670.

PUAD-674 Practicum in Organization Development and Change (1-1.5) May be repeated for credit. This course is a multi-month field-based organization development and change project developed and implemented by each student, supervised by a practicum adviser. In successive modules, students focus on framing a client engagement and front-end consultation skills; progress review and planning for project completion and development of the practicum report; and presentation of results. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-675 Organization Analysis and Strategy (3) This course expands knowledge of administrative fundamentals, executive roles, and the centrality of strategy in organization development and change. Using simulations, lectures, fieldwork, guest speakers, strategic analysis and cases, the course focuses on using organization development techniques in strategy development and implementation to move a system toward its desired future. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-677 Introduction to Organization Development and Change (3) This course provides an overview of the Organization Development approach to change in human systems. Topics include foundational and emerging theories and theorists; core concepts, tools, and practices; ethics and values; use of this knowledge in multiple roles (consultant, manager, change agent); leadership and organization development; and adult learning theory. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-679 Studies in Human Resource Development (1-3)

Topics vary by section, may be repeated for credit with different topic. Rotating topics, including labor relations for human resource development; organizational diagnosis and intervention for human resource development; personnel administration for human resource development; and institute on group and personal interaction for human resource development. Usually offered every term. *Prerequisite:* admission to MSOD program.

PUAD-681 Managing Nonprofit Organizations (3) The application of management theories and practices in nonprofit organizations. Establishment and sustainability of nonprofit organizations, strategic management principles, organizational structures and processes, multiple funding sources and their impact on budget decisions, staff/board relationships, human resource practices, use of volunteers, accountability systems, and methods for determining organizational effectiveness. Usually offered every spring.

PUAD-682 Nonprofit Resource Development (3) Nonprofit organizations support themselves through many different sources, including charitable gifts and grants, government grants and contracts, earned income from fees, memberships and sponsorships, returns on investments, volunteer labor, gifts-in-kind, and other sources. They also mix these sources of income in many different ways. This course illuminates the theoretical rationales and practical considerations involved in developing and utilizing particular sources of income and in selecting appropriate combinations or portfolios, so that nonprofit organizations can effectively advance their particular missions, sustain the infrastructure of their organizations, remain financially healthy, and manage risk, change and growth. Usually offered every fall.

PUAD-683 Marketing for Nonprofit Organizations (3) This course covers the principles of planning; execution, and assessment of strategic marketing in nonprofit organizations. Students learn how to incorporate marketing activities into organizational structures; understand target audience characteristics and desires; develop and launch new offerings; achieve effective market segmentation; positioning; and branding; identify various elements of the marketing mix (product; price; place; and promotion); and evaluate effectiveness of marketing initiatives. Students also read and present research articles; discuss case studies; interact with guest speakers; and prepare a marketing plan for a nonprofit organization. Usually offered every fall.

PUAD-684 Organizational Analysis (3) This course examines concepts and theories that explain organizations and organizational behavior including factors such as the nature of the political environment, organizational structure, staffing, information management, and budgetary constraints. The impact of these factors is explored in the context of policy development and implementation. Usually offered every term.

PUAD-685 Topics in Policy Analysis and Management (1-3)

Topics vary by section, may be repeated for credit with different topic. Examination of the doctrines associated with the design and implementation of public policies, together with conducting analytical studies on various policies, including social, health care, national security, environmental, science and technology, regulatory, income, and economic. Usually offered every spring.

PUAD-687 Urban Management (3) Council-manager relationships, work force staffing and development, the budget and community goals, ethical issues, management control, and external and regional effectiveness. Offered irregularly.

PUAD-688 Policy Practicum (3) This course affords students exposure to the institutional, legal, and ethic dimensions of policy analysis in organizational settings. Students perform a policy analysis project for a client. Usually offered every term.

PUAD-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

PUAD-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

PUAD-693 AU-Hertie School of Governance Exchange, Berlin (1-9) Topics vary by section, may be repeated for credit with different topic. The course provides an opportunity for students to study abroad at the Hertie School of Governance in Berlin, Germany. Usually offered every term. *Note:* consult Department of Public Administration and Policy (DPAP).

PUAD-710 Proseminar in Public Administration (3) This course provides students with a deep understanding of the intellectual history of public administration in the United States. It analyzes the development of public administrative thought by assessing the substance, impact, and historical context of many of the classic works in the field. Usually offered every fall. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-712 Seminar in Public Administration and Democratic Constitutionalism (3) This course focuses on the incorporation of democratic constitutional theory, values, and processes into U.S. public administration since the 1940s. It covers the constitutional dimensions of the separation of powers, federalism, and individual rights; administrative law; and representative bureaucracy, with emphasis on classic and integrative literature. Usually offered alternate falls. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-714 Seminar in Organization Theory (3) This course covers traditional and modern theories of organizations and their utility in explaining public administrative behavior. It includes structural, cultural, decision, political, and reliability theories and how each applies to public-sector organizations. Usually offered alternate falls. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-716 Seminar in Organizational Behavior (3) This course examines individual behavior in behavior in public-sector organizations. It explores the exploration of the intellectual roots of organizational behavioral scholarship, particularly in the areas of organizational processes and structure, motivation, leadership, communication, and interpersonal and team building skills. Emphasis is placed on application to public-sector organizations. Usually offered alternate springs. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-718 Seminar in Public Management (3) This course covers public management and governance, including the tradition of management in the field of public administration, its evolution, and its contemporary character. The influence of New Public Management (NPM) and related strategies, such as performance management, contracting, privatization, outsourcing, and network management are examined. Usually offered alternate springs. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-730 Proseminar in Public Policy (3) This course is an overview of the public policy field. It examines literature in three disciplines: neo-classical economics, political science, and public choice. Each disciplinary perspective is used to analyze the institutions most directly involved in policy formation (voters, interest groups, and congress) and implementation (Congress and the bureaucracy). Usually offered alternate springs. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-732 Seminar in Policy Implementation (3) This course covers the evolution of research and theory-building in policy implementation. Emphasis is placed on the theories, frameworks, and methodological challenges facing researchers in the field. Usually offered alternate springs. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-734 Seminar in Policy Processes and Institutions (3) This course is an introduction to the theories of public policy making, with an emphasis on the institutions that shape the policy process in the U.S. context. Emphasis is placed on theories and methods for research on agenda setting, policy adoption, implementation, and evaluation. Usually offered alternate falls. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-740 Seminar in Public Sector Budgeting (3) The focus of this course is budgeting, the primary resource allocation process (on the expenditure side) of the public sector. It considers budgeting theory, format, the relationship between and roles of actors, and budgeting as a mechanism of control, management, and planning. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-742 Seminar in Applied Public Finance: Expenditure (3) This course focuses on the expenditure side of public sector resource allocation systems. Attention is directed toward the need and demand for public services, the execution of public policy objectives, and the spatial structure of governance and its implications for meeting diverse national, regional, and sub-regional public needs and preferences. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-744 Seminar in Applied Public Finance: Revenue Systems (3) This course focuses on the revenue side of public sector resource allocation systems. It includes revenue instruments and their administration, general principles of public finance/economics, and the behavioral response of the population to specific elements of the revenue system. *Prerequisite:* admission to PhD program or permission of instructor.

PUAD-790 Doctoral Independent Study in Public Administration and Policy (1-6) *Prerequisite:* permission of instructor and department chair.

PUAD-799 Doctoral Dissertation Seminar (1-12)

PUAD-898 Doctoral Continuing Enrollment (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

PUAD-899 Doctoral Dissertation May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

Public Health

Undergraduate Courses

PUBH-110 Introduction to Public Health FA4 (3) This introductory course explores the science behind public health and the role government plays to keep the population healthy. The determinants of health and disease are discussed along with interventions such as the healthcare system, public health system, laws, and taxation that address these public health issues. Usually offered every fall.

PUBH-111 Public Health Scholars Lab (1) Public Health Scholars (3-year program) students apply theories learned in PUBH-110 to actual field situations. As a group they engage in a community service project at a public health organization in Washington, DC. *Prerequisite:* admission to Public Health Scholars program and concurrent registration in PUBH-110.

PUBH-320 Introduction to Infectious Disease (4) This course introduces the principles of infectious disease, including the natural history of common microbes, etiology of globally prevalent infectious diseases, and how the immune system fights disease-causing organisms. Mechanisms to prevent and treat infectious diseases are also discussed through the lens of public health. Usually offered every fall. *Prerequisite:* BIO-110.

PUBH-340 Fundamentals of Epidemiology (3) Epidemiology is the study of the patterns and determinants of disease in populations. This course introduces epidemiological methods including study design, calculation, and interpretation of measures of frequency, association, and public health impact. Sources of study error including the influence of chance, bias, confounding, and effect modification are discussed. Concepts of surveillance and screening are also introduced. Usually offered every fall. *Prerequisite:* PUBH-110 and STAT-202.

PUBH-391 Internship in Public Health (3) *Prerequisite:* permission of instructor and program director.

PUBH-480 Public Health Capstone (3) This seminar challenges public health majors to examine the multiple aspects of public health in a unifying manner. The course includes discussion of the practical application of public health and guest speakers. Students with different interests in public health work together on a capstone project and present it to the class and a panel of public health professionals. Usually offered every spring. *Prerequisite:* senior public health major.

Business: Real Estate

Undergraduate Courses

REAL-390 Independent Reading Course in Real Estate (1-3) *Prerequisite:* permission of instructor and department chair.

REAL-391 Internship in Real Estate (1-6) *Prerequisite:* permission of instructor and department chair.

REAL-490 Independent Study Project in Real Estate (1-3) *Prerequisite:* permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses**REAL-590 Independent Study Project in Real Estate (1-6)**

Prerequisite: permission of instructor and department chair.

Graduate Courses

REAL-685 Topics in Real Estate (1.5-3) Topics vary by section, may be repeated for credit with different topic. Rotating topics of special interest in real estate and related interdisciplinary topics.

REAL-690 Independent Study Project in Real Estate (1.5-3)

Prerequisite: permission of instructor and department chair.

REAL-691 Internship in Real Estate (1-6) *Prerequisite:* permission of instructor and department chair.

REAL-730 Real Estate Principles and Investment (3) This course provides a comprehensive overview of fundamental real estate principles and the laws and economic factors that impact real estate markets. Focusing on critical real estate concepts, tools, and practices, the course is relevant for students seeking to acquire a real estate license or improve their real estate management skills. Includes legal descriptions of real estate; estates, encumbrances, liens, and homesteads; agency and contracts; real estate mathematics and finance; lenders, appraisal, escrow, and title insurance; leases and the landlord-tenant relationship; urban economics and planning; taxation; and careers in real estate.

REAL-731 Real Property and Asset Management (3) A study of the managing of income producing properties as individual investments and as part of a larger real estate portfolio. For individual properties, long-term decisions regarding capital expenditures, refinancing, conversion and disposition, along with day-to-day decisions regarding leasing and marketing are discussed. Strategic decisions regarding the structure of an investor's real asset portfolio are also addressed.

REAL-734 Real Estate Development (3) The first part of this course examines real estate development, including the pricing and assembly of land and focusing on carrying out a real estate development project. The second considers secondary mortgage markets including securitization, with emphasis on the current state of secondary mortgage markets.

REAL-735 Real Estate Transactions and Contracts (3) This course focuses on the legal aspects of residential and commercial real estate transactions. Legal elements and concepts associated with real estate contracts, leases, title policies, and loan agreements are analyzed, and foreclosure and bankruptcy issues are discussed. The course also examines laws associated with the use, transfer, purchase, and sale of real property.

REAL-736 Urban Planning and Sustainability (3) This interactive course provides the basics for reading design and construction drawings and teaches the skills necessary for understanding current thoughts about urban planning in a sustainable environment. Students learn the economic, social, and political components critical to urban planning. Good urban planning concepts, including the demands of the real estate market, are discussed. Students become familiar with the greening of building codes and zoning requirements both locally and nationally. An overview of the Leadership in Energy and Environmental Design (LEED) rating system is discussed with emphasis on LEED-Neighborhood Development, including smart location, neighborhood pattern and design, and green infrastructure. Students research and visit on-go-

ing sustainable real estate projects in the Washington, DC metropolitan region.

REAL-737 Real Estate Finance and Mortgage Markets (3)

This course explores real estate finance and quantitative methods that are used in the valuation of real estate. Students develop an understanding of real estate financing and valuation as well as related topics such as underwriting, risk analysis, and financial leverage. In addition, students learn about the mortgage market including a review of the government-sponsored enterprises (GSEs) including Fannie Mae and Freddie Mac, and the securitization process for residential and commercial mortgages. The course also includes analysis of both residential and commercial real estate markets.

Religion

Undergraduate Courses

RELG-105 The Religious Heritage of the West FA2 (3) The contribution of religion to Western civilization. The eastern Mediterranean roots of Western religions, the emergence of Christianity in the Greco-Roman world, and the rise of Islam. The mature religious synthesis of Medieval Europe. Modern secularism's challenge to this tradition. Usually offered every term.

RELG-170 Introduction to the New Testament (3) Literary, historical, and theological study of the New Testament. Particular attention to Jesus, Paul, and the development of the Christian movement. Usually offered alternate falls.

RELG-185 Forms of the Sacred: Religions of the East FA3 (3)

Introduces methods of studying religion and places religious traditions in comparative relief. Surveys the basic features of the major religions of Asia, including Hinduism, Taoism, and Confucianism, and explores how these traditions shape Asian cultures and societies. Usually offered every term.

RELG-210 Non-Western Religious Traditions FA3 (3) How non-Western religious traditions function as systems of symbols, how they interact with both indigenous religious traditions and external religious traditions such as Islam and Christianity, and how they respond to modernization and imperialism. Usually offered every term.

RELG-220 Religious Thought FA2 (3) Religion and religion's role in life. Beginning with modern approaches to the study of religion, this course examines religious ways of defining the human situation, the quest for salvation, wholeness, and transcendence, and the problem of speaking about the divine within the terms of modern culture. Usually offered every spring.

RELG-330 Approaches to Studying Religion (3) This course covers classical and contemporary approaches to the study of religion that are grounded in the disciplines of anthropology, psychology, sociology, history, and literary criticism. Usually offered every fall.

RELG-390 Independent Reading Course in Religion (1-6)

Prerequisite: permission of instructor and department chair. *Note:* Generally open only to seniors.

RELG-391 Internship in Religious Studies (1-6) *Prerequisite:* permission of instructor and department chair.

RELG-398 Honors Project in Religion (3-6) *Prerequisite:* permission of department chair and university honors director.

RELG-470 Islam (3) Hundreds of millions of people adhere to Islam, sometimes described as the world's fastest growing religion. Students examine historical origins, Prophet Muhammad, Qur'an, and other formative elements underlying the modern Muslim situation. Meets with RELG-670. Usually offered every fall.

RELG-471 Topics in Jewish Religion (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics on the chief religious themes of Judaism, major Jewish religious thinkers of the past such as Rashi or other rabbinical scholars; or issues such as the role of mysticism in Judaism. Meets with RELG-671. Usually offered every spring.

RELG-472 Religion in America (3) A survey of America's religions beginning with Christianity and Judaism and continuing through contemporary developments of Islam and Buddhism. The course also examines Native American religions, Puritanism, Mormonism, Catholicism, AME, Seventh Day Adventism, and Freemasonry. Field trips to sites in Washington, D.C. Meets with RELG-672. Usually offered every fall.

RELG-473 Hinduism (3) This course focuses on four phases in the development of Hinduism. Central to the study of each phase are close readings of selections from its main mythological and philosophical texts, which are considered in light of lived religious practices. Meets with RELG-673. Usually offered alternate springs (even years).

RELG-475 Religion and Violence (3) This course explores the religious dimensions, both ideological and cultural, of political and military conflict. Themes include sacred geography and literature as grounds for bloodshed; the sanctity of race; martyrdom/terrorism; and pacifism. Empirical data is drawn from Germany, Lithuania, the Middle East, and the Balkans. Meets with RELG-675. Usually offered every spring.

RELG-486 Topics in Religious Discussion (3) Topics vary by section, may be repeated for credit with different topic. Examination of important problems, thinkers, and issues in classical and contemporary religious thought. Topics include liberation theology, religion in the African Diaspora, Hispanic spiritual traditions, and spirit possession and trance. Meets with RELG-686.

RELG-490 Independent Study Project in Religion (1-6) *Prerequisite:* permission of instructor and department chair. *Note:* Generally open only to seniors.

Graduate and Advanced Undergraduate Courses

RELG-590 Independent Reading Course in Religion (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

Note: Courses at the 600 level generally meet with courses at the 400 level. Registration at the 600 level implies graduate-level assignments and higher expectations regarding performance.

RELG-670 Islam (3) Hundreds of millions of people adhere to Islam, sometimes described as the world's fastest growing religion. Students examine historical origins, Prophet Muhammad, Qur'an, and other formative elements underlying the modern Muslim situation. Meets with RELG-470. Usually offered every fall.

RELG-671 Topics in Jewish Religion (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics on the chief religious themes of Judaism, major Jewish religious thinkers of the past such as Rashi or other rabbinical scholars; or issues such as the role of mysticism in Judaism. Meets with RELG-471. Usually offered every spring.

RELG-672 Religion in America (3) A survey of America's religions beginning with Christianity and Judaism and continuing through contemporary developments of Islam and Buddhism. The course also examines Native American religions, Puritanism, Mormonism, Catholicism, AME, Seventh Day Adventism, and Freemasonry. Field trips to sites in Washington, D.C. Meets with RELG-472. Usually offered every fall.

RELG-673 Hinduism (3) This course focuses on four phases in the development of Hinduism. Central to the study of each phase are close readings of selections from its main mythological and philosophical texts, which are considered in light of lived religious practices. Meets with RELG-473. Usually offered alternate springs (even years).

RELG-675 Religion and Violence (3) This course explores the religious dimensions, both ideological and cultural, of political and military conflict. Themes include sacred geography and literature as grounds for bloodshed; the sanctity of race; martyrdom/terrorism; and pacifism. Empirical data is drawn from Germany, Lithuania, the Middle East, and the Balkans. Meets with RELG-475. Usually offered every spring.

RELG-686 Topics in Religious Discussion (3) Topics vary by section, may be repeated for credit with different topic. Examination of important problems, thinkers, and issues in classical and contemporary religious thought. Topics have included liberation theology, religion in the African Diaspora, Hispanic spiritual traditions, and spirit possession and trance. Meets with RELG-486.

RELG-690 Independent Study Project in Religion (1-6) *Prerequisite:* permission of instructor and department chair.

Study Abroad

Undergraduate Courses

SABD-102 French Grammar and Phonetics (9) Beginning French grammar and phonetics course offered through the AU Abroad program in Paris. For students with no prior study of French, this course covers elementary grammar and composition.

SABD-103 Paris Semester (French) (1-9) A variety of courses taught in French offered through the AU Abroad program in Paris.

SABD-202 French Grammar and Phonetics (9) Elementary-level French grammar and phonetics course offered through the AU Abroad program in Paris. This course gives students strong foundation in French language speaking, writing, and grammar.

SABD-302 French Grammar and Phonetics (9) Intermediate-level French grammar and phonetics course offered through the AU Abroad program in Paris. This course increases students' knowledge of complex grammatical structures, helps students to write in French in order to comment on current issues or relate personal experiences, and improves overall comprehension and speaking.

SABD-303 Paris Semester (French) (1-9) A variety of courses taught in French offered through the AU Abroad program in Paris.

SABD-304 Paris Semester (English) (1-9) A variety of courses taught in English offered through the AU Abroad program in Paris.

SABD-391 Study Abroad: Internship (1-6) *Prerequisite:* permission of instructor and dean or director.

SABD-402 French Grammar and Phonetics (9) Advanced-level French grammar and phonetics course offered through the AU Abroad program in Paris. In this course students' grasp of French grammar is reinforced and enriched with exercises designed to challenge their knowledge. Emphasis is on oral comprehension, both through speaking and understanding.

SABD-404 Paris Semester (English) (1-9) A variety of courses taught in English offered through the AU Abroad program in Paris.

SABD-490 Study Abroad: Independent Study (3-6) *Prerequisite:* permission of instructor and dean or director.

SABD-415 Summer Study Abroad Through American University's AU Abroad program students have summer internship and other study abroad program opportunities in various locations in Europe.

SABD-416 Summer Language Immersion Through American University's AU Abroad program students have the opportunity to enroll in summer language immersion courses at selected foreign universities in Canada, Mexico, Europe, and Asia.

SABD-490 Study Abroad: Independent Study *Prerequisite:* permission of instructor and dean or director.

International Service Undergraduate

Undergraduate Courses

SISU-050 SIS Mentorship Program (0) This course introduces first-year SIS students to the school, to Washington, DC, and to career opportunities. Open only to SIS students. May be taken pass/fail only.

SISU-105 World Politics FA3 (3) Patterns of conflict and cooperation in a rapidly-changing world. The primary focus is on concepts and theories which provide a framework for analyzing and understanding contemporary issues. The course examines the behavior of states and other international actors, seeks to explain foreign policies, and identifies the main characteristics of interaction among states. Usually offered every term. May be taken A-F only.

SISU-106 First Year Seminar (3) Topics vary by section, not repeatable for credit. This seminar course introduces first year SIS students to critical issues in world affairs. May be taken A-F only. *Prerequisite:* first-year SIS students with permission of SIS Undergraduate Advising Office.

SISU-140 Cross-Cultural Communication FA3 (3) Examines the impact of culture on communication, perception, thought patterns, values, and beliefs in order to better understand the behavior of individuals within different societies. Specific concerns include the dynamics of verbal and nonverbal communication; the relationship between dominant cultures and subcultures; ethnic, racial, class and other forms of diversity within countries and organizations; third-culture and multicultural persons; and the dynamics of cross-cultural adjustment. Usually offered every term. May be taken A-F only.

SISU-206 Introduction to International Relations Research (3) Introduction to scientific method, data gathering, research design, statistical analysis, and computer applications for international relations and comparative studies research. The course is designed for the beginning student and employs a hands-on approach. The course also develops the analytical skills students need as active consumers of research findings. Applications are geared to research projects to be encountered in subsequent SIS courses. Usually offered every term. May be taken A-F only.

SISU-210 Peace, Global Security, and Conflict Resolution (3) This course explores the central concepts of peace and conflict resolution, important theories of causes of conflict and applications of conflict resolution in difficult global contexts. It compares definitions of peace, explores types of conflict, and analyzes conflict from multiple perspectives, which range from individual-level theories of aggression and human nature to inter-group theories of identity and mobilization. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-105.

SISU-211 Civilizations of Africa FA3 (3) By concentrating on African societies and states, ancient and modern, the course aims to create a greater understanding of, and empathy with, the Africans: the diversity, history, culture, accomplishments, and problems of the people and their continent; and the interaction of their culture with Islam and the West. Usually offered every term. May be taken A-F only.

SISU-212 China, Japan and the United States FA3 (3) A multidisciplinary introduction to China and Japan that explores the history, culture, social structure, literature, art, politics, economics, and foreign relations of these important countries. Particular attention is paid to the context of East Asian international relations. Usually offered every term. May be taken A-F only.

SISU-213 Contemporary Europe (3) This course examines the major political, economic, and social issues shaping contemporary Europe. The first portion of the course covers the concepts and theoretical approaches that make up the analytical toolkit for understanding and analyzing European politics. The second part covers the overarching themes of European politics, including state formation, governments and institutions, political parties and elections, welfare state development and reform, and European integration. The final segment consists of country and issue case studies as opportunities to apply the theoretical, methodological, and analytical tools, and looks at lessons that can be learned from the diverse ways European societies have answered the basic questions of economic, social, and political organization confronting all societies. May be taken A-F only.

SISU-214 Contemporary Latin America (3) Major political, social, and economic change in Latin America, its foundations, factors accelerating and impeding it, and prospects and trends. Usually offered every term. May be taken A-F only.

SISU-215 Contemporary Middle East (3) The Middle East's contemporary political culture and its historical, economic, geographic, and social roots, with special attention to the Arab world. Usually offered every term. May be taken A-F only.

SISU-216 Contemporary Russia (3) Russia's contemporary political culture and its historical, economic, geographic, and social roots. Usually offered every fall. May be taken A-F only.

SISU-220 International Political Economy (3) Economic competitiveness is a major contemporary issue, not only for the major powers, but also for newly industrializing countries and for developing nations. The forces affecting international competition and competitiveness are discussed through an examination of both domestic issues (debt, deficit, innovation, trade, education) and international issues, both political and economic. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-105.

SISU-230 Analysis of United States Foreign Policy (3) This course examines the history of U.S. foreign relations, the institutions and politics involved in the formulation and implementation of U.S. foreign policy (e.g., the role of the president, the national security bureaucracy, the Congress, and public opinion), U.S. relations with select countries and regions, and selected contemporary policy issues. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-105.

SISU-240 International Development (3) This survey course covers the history of the field of international development from colonialism to current issues. It addresses major theories of development; changing approaches to foreign aid; measures of development; reasons for poverty; structural adjustment and debt; the rise of East Asia; and a variety of current issues in international development. The focus is on understanding and analyzing contending viewpoints. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-105.

SISU-250 Environmental Sustainability and Global Health (3) This course introduces students to the three basic areas of population studies, fertility, mortality, and migration, by focusing on how these areas have been politicized by various actors at different points in time all over the world. Students learn about how demographers measure and assess trends in fertility, mortality, and migration, and then use this knowledge to evaluate contentious claims made by concerned actors regarding politicized topics, including policies related to fertility, cases of genocide around the world, and legal and illegal immigration. Students gain a firm background in population studies that can be applied to future research in a wide variety of areas. May be taken A-F only. *Prerequisite:* SISU-105.

SISU-260 Identity, Race, Gender, and Culture (3) Explores the complex and dynamic configuration of identity based on race, ethnicity, gender, nationalism, and religion as they relate to specific cultures, globalization, and social discourse. Usually offered every spring. May be taken A-F only. *Prerequisite:* SISU-105.

SISU-270 Introduction to Human Rights (3) This course provides a broad overview of international human rights, beginning with an exploration of the philosophical and political foundations and then turning to the main principles of international human rights law and policy. The course also provides a solid grounding in the main United Nations and regional systems for human rights protection and promotion. In addition, students are introduced to the methodology of human rights fact-finding, including interview techniques and planning investigations. Throughout the course, students are encouraged to think as both advocates and critics, and to explore whether and how they could make a productive contribution to this dynamic field. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-105.

SISU-280 International Organizations (3) Institutions of international politics, with emphasis on the nature and functions of international organization. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-105.

SISU-300 Introduction to International Economics (3) Introduction to international trade and finance and open economy macroeconomics. Includes why countries trade, trade policies and their effects, the balance of payments, foreign exchange markets, and fixed and flexible exchange rates. May be taken A-F only. *Prerequisite:* ECON-100 and ECON-200.

SISU-310 Topics in Peace, Global Security, and Conflict Resolution (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including peace and social justice, international security, causes of war, and human and global security. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-210.

SISU-312 Governance, Development, and Security in Asia (3) This course compares economic development strategies of the East Asian developmental states (Japan, Taiwan, South Korea and Singapore) and the more recent export-led growth models of Malaysia, China, and Vietnam. All cases have in common strong government intervention in their economies and strong export promotion policies. The differences in global economic conditions have led scholars to assert that the developmental state model is no longer viable. This course investigates what created the economic miracles of China and Vietnam, and earlier Malaysia, and whether the basic principles of the developmental state model still apply; is state intervention obsolete, possible, or necessary in the twenty-first century global economy. The class then contrasts the East and Southeast Asian models with India, an emerging economy and one that in the past was seen as a failed developmental state, and concludes by trying to find lessons with wider applicability for developing countries. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-210.

SISU-313 Transatlantic Security (3) This course examines the evolution of trans-Atlantic security policy and defense planning. It begins with a review of the formation of NATO and of trans-Atlantic defense policy and military force planning through the Cold War to the breakup of the Soviet Union. The course then focuses in some detail on the transformation that trans-Atlantic security relations have undergone, in particular the shift of NATO's focus from defense of European territory to expeditionary operations outside its boundaries and the European Union's assuming a strong role in defense planning. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-210.

SISU-316 United States-Russian/Eurasian Security Relations (3) Addresses the relations between the United States and Russia, the Soviet Union and its successor states, focusing on the security aspects of those relations. The course primarily covers the evolution of security relations from the Bolshevik Revolution to the present. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-210.

SISU-318 Topics in Global Security and Foreign Policy (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on global security and foreign policy. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-210 or SISU-230.

SISU-319 Arab-Israeli Relations (3) A survey of Arab-Israeli relations from their origins to the present. Includes an account of Zionism and Palestinian nationalism, the history of the British mandate, the Arab-Israeli wars, the involvement of external powers, and the quest for peace. The emphasis is on conflict resolution. Usually offered every spring. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-210.

SISU-320 Topics in Global Economy (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including global political economy, international monetary and financial relations, and international trade and investment relations. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-220.

SISU-321 Political Economy of Africa (3) This course provides an in-depth overview and analysis of both the economic and political factors which have helped to condition Africa's position within the global economic system. Political independence by the various African states launched into the global economic system a group of the world's poorest, weakest, and most artificial states. How have such states managed to survive politically and to shape their economies and to what extent is their survival now threatened by the global economic meltdown? Are the African countries competing successfully within the world's economic system? The course comprehensively treats the interplay between politics and economics as African states attempt to effectively manage their affairs within an era of globalization and also identifies patterns of change, examines constraints, and give careful attention to some of the processes that influence economic policy outcomes. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-220.

SISU-324 Topics in Political Economy of Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on political economy of Latin America. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-220.

SISU-328 Global Economy and Sustainable Development (3) An analysis of the relationship between economic activity and the natural environment from both mainstream and ecological perspectives. Policy measures for regulating pollution and managing common property resources are explored, including emission taxes, tradable pollution permits, and property rights solutions. Applications to global environmental issues such as climate change and local environmental problems are emphasized. Students gain an understanding of the meaning of sustainable development and the types of policies required to achieve it. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-220 or SISU-240.

SISU-329 Global Economic Governance (3) A study of the entrepreneurial, corporate, and governmental forces and organizations that have shaped international commerce and cross-border finance. The course examines how private-sector and official institutions in particular have become more or less relevant in light of fast-paced globalization since the 1960s, the challenges these institutions currently face, and how these institutions interact with and react to developments in commodity and financial markets. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-220 or SISU-280.

SISU-330 Topics in National Security and Foreign Policy (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including U.S. defense politics, transnational security challenges, national security and proliferation, and critical global challenges. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISU-332 Japanese Politics and Foreign Policy (3) In September 2009, a change in government took place as a result of the opposition party winning a majority of seats for the first time in the post war era in Japan. This course analyzes the implications of this transformative change in government through an analysis of Japanese political culture, political institutions, and political actors. The course provides a contemporary understanding of Japanese domestic politics. Through empirical case studies, students get a better grasp of the actual decision making process in Japan. Then, by examining what has/has not changed since 2009, students consider the impact of the change in government on the Japanese political process. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISU-333 European Foreign and Security Policy (3) This course provides a survey of European foreign policy since World War II, including the origins, evolution, and end of the Cold War; analysis of national foreign policies; U.S. bilateral relations with the major European powers, relationships with the European Union and NATO, economic issues, disputes about "global governance," cultural issues, anti-Americanism, and the future of the trans-Atlantic relationship; and the post-Sept. 11 security environment. Usually offered every fall. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISU-334 U.S. Foreign Policy toward Latin America (3) This course examines U.S. foreign policy toward Latin America by focusing on the factors that shape U.S. foreign policy. The course considers the extent to which U.S. policy is shaped by the nature of the U.S. impact on Latin America. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISU-335 U.S. Foreign Policy toward the Middle East (3) The course provides students with a detailed understanding of the history of America's relations with the countries of the greater Middle East as well as of current issues in United States policy towards the region. The course not only analyses the Arab-Israeli issue in depth but also explores the domestic and international constraints which affect overall U.S. policy toward the Middle East. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISU-340 Topics in Global Inequality and Development (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including comparative development strategies, community development, and youth and development. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISU-343 Third World Cities (3) This course sets out to understand and analyze the dimensions and challenges of the rapidly growing cities and mega-cities of the Third World. It gives attention to topics such as poverty, unemployment, housing, water, infrastructure, revenue, health, etc. and attempts to learn lessons from a variety of approaches to urban planning, development, and finance. Attention is also paid to urban challenges in the United States. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISU-348 Gender and Development (3) This course examines from an interdisciplinary and international perspective how development is gendered and creates different meanings, impacts, and processes for women around the world. Students explore the different theoretical approaches used in understanding women's situations in developing societies and examine the impact of production and reproduction, politics, globalization, environment, and migration on women in different parts of the developing world. Students probe the success and failure of development strategies in incorporating women into the development process and explore new approaches to ensure women's empowerment and their agency to fully participate in development processes. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240 or SISU-260.

SISU-349 Topics in Global Inequality, Development, Environmental Sustainability, and Global Health (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on the intersection of global inequality, development, environmental sustainability, and global health. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240 or SISU-250.

SISU-350 Topics in Environmental Sustainability and Global Health (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including human geography, politics of population, international environmental politics, health in the developing world, and health communication. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISU-352 Environmental Politics of Asia (3) This seminar focuses on the environmental politics of Asia. It covers global, regional, and local environmental challenges. The class considers the transboundary impact of Asia's environmental problems, including air and water pollution, biodiversity loss, climate change, and ozone depletion through the theoretical lenses of international relations theory, environmental security, human security, and anthropology. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISU-358 Global Health (3) This is an introductory course on global health policy and practice. Based on a review of the historical foundations of international health and critical concepts from social science, ethics, and public health literature, key topics covered include the main contributing factors to the global burden of disease, as well as organizational, economic, and political determinants of intervention. Although a geographic focus is set on health related challenges in developing regions, the course also provides a comparative overview of health systems in more developed countries. Usually offered every spring. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250, or STAT-202 and PUBH-340.

SISU-359 Environment, Conflict, and Peace (3) The focus of the emerging interdisciplinary field of environmental peacemaking, with its focus on relationship-building between conflict actors, is to identify ways that the environment, natural and human, provides opportunities for building bridges of collaboration between conflicting parties. In this course, students deal with concepts from ecopolitics, environmental security studies, international relations, and conflict resolution to develop an understanding of the theoretical framework informing the emerging environmental peacemaking

paradigm. The course examines the interactions among violence, conflict, peace, security, and the natural environment. It is structured to create the context for students to address questions including what impact violent conflict has on the environment; is environmental degradation itself a source or trigger of violent conflict; and how environmental cooperation can be used to promote peace and sustainable development. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-210 or SISU-250.

SISU-360 Topics in Identity, Race, Gender, and Culture (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including race and international relations, cultural diplomacy, and international education. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISU-363 Topics in Identity, Race, Gender, and Culture: Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in Europe. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISU-364 Topics in Identity, Race, Gender, and Culture: Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in Latin America. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISU-365 Topics in Identity, Race, Gender, and Culture: Middle East (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in the Middle East. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISU-368 Differences and Similarities in Conflict Resolution (3) This course on conflict resolution examines our interdependent world and fosters greater intercultural awareness and communication. It encourages students to explore their own sense of identity, attitudes, and behavioral choices, and how they affect and are affected by differences and similarities encountered with others. The course employs experiential learning activities. Usually offered every fall. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-210 or SISU-260.

SISU-369 Topics in Public Diplomacy (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on public diplomacy. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISU-370 Topics in Justice, Ethics, and Human Rights (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including ethics in international affairs, human rights and culture, human rights and the media, and political violence. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISU-372 Human Rights in East Asia (3) Course considers issues of human rights and culture in East Asia. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISU-374 Human Rights in Latin America (3) This course examines some of the issues confronting human rights in Latin America today: how to remember, redress and repair human rights abuses under past authoritarian regimes; how to document and address rights abuses linked to the globalized movements of labor and people, as well as of indigenous peoples; what the role of the United States has been and should be; what the role of international and national non-governmental organizations is and ought to be; how to address non-political violence through human rights frameworks; and how to secure human rights in the region's armed conflicts. Although numerous cases are included, the course draws heavily on Colombia, El Salvador, Guatemala, Brazil, Uruguay, Ecuador, and Haiti. Usually offered every fall. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISU-375 Human Rights and Islam (3) Human rights tenets are deeply embedded in the religious vision of Islam. This course examines human rights as a value and norm in international relations and of Islam as a constituent of political culture. It explores the wealth of information dealing with the issue from the Quranic discourse, the Prophetic tradition, Muslim scholars' interpretations, modern humanism perspectives, international law documents, independent scholars' findings, and official and non-official declarations by the United Nations and other organizations. Questions explored include what people in Muslim cultures think about human rights and why; how Islam influences the understanding of human rights in Muslim societies; is there an antithesis between Islam as a religion and the value of human rights; and how proposals for a particularly Islamic conceptualization of human rights are evaluated. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISU-378 Human Rights and U.S. Foreign Policy (3) The story of human rights in U.S. foreign policy is one of perpetual tension and resistance, of interpretation and reinterpretation. This course explores the nature of this dynamic process, exposing the way in which it involves both acceptance of and resistance to human rights. The course is divided into twelve learning modules: the first four modules provide historical and conceptual context, while the next four modules discuss both the hard and soft instruments in the human rights foreign policy toolbox, i.e. democratic institution building, diplomacy, international treaty processes and military intervention. The final four modules examine in greater depth the human rights foreign policy approaches adopted by the United States in specific cases. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230 or SISU-270.

SISU-379 Topics in Human Rights, Identity, and Culture (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on the intersection of human rights, identity, and culture. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260 or SISU-270.

SISU-380 Topics in Global and Comparative Governance (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including international law, comparative governing institutions, and leading global organizations. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISU-381 African Political Institutions (3) This course introduces students to the themes, debates, and basic techniques of comparative institutional analysis. It examines classic readings on presidentialism/parliamentarism, party systems, electoral systems, and constitutional design alongside new research that applies institutional models to Africa. The course culminates in an empirical investigation of the relationship between particular institutional combinations and outcomes such as better representation, less corruption, or improved macroeconomic performance. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISU-383 Overview of the European Union (3) The European Union and its institutions, historical roots, the variety of its political scenery, the unity of its different cultures, and the strength of its economy—in brief, comprehending the European identity. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISU-385 Islam and Democracy (3) The purpose of democracy in Islam is primarily to serve the community—the collective good—rather than the individual, while democracy in Western liberalism underscores individualism. However, as in other religions, there are democratic precepts and practices in Islam which promote the rights of the individual. This course seeks answers to questions raised by Islam's relation to democracy, including what Islamic traditions, precepts, and practices are most promising for the support of democracy; the ramifications of an Islamic civil society; what roles women play; and the most important issues and forces behind contemporary Islamic activism for democracy. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISU-386 Contemporary Africa (3) Africa's contemporary political culture and its historical, economic, geographic, and social roots, with special attention to Africa south of the Sahara. Usually offered every term. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISU-387 Contemporary India (3) This course examines the contemporary politics, society, and economy of India, one of the largest emerging powers. Students explore issues of democracy and market liberalization, religion, politics, and identity in the post-Gandhi period. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISU-390 Independent Reading Course in International Studies (1-6) *Prerequisite:* permission of instructor and SIS undergraduate studies office.

SISU-391 Internship in International Studies (1-6) *Prerequisite:* permission of internship coordinator and SIS undergraduate studies office.

SISU-393 International Relations Theory (3) Major trends in recent thought, including systematic and behavioral modes of analysis. Problems of explanation and theory building in social sciences with special reference to international studies. Usually offered every fall. May be taken A-F only.

SISU-395 Social Entrepreneurship (3) The last decade has seen an increase both in scholarly work related to the field of social entrepreneurship and in the number of social entrepreneurship organizations around the world. Social entrepreneurship directly matches the mission of American University and the distinctive strengths of the School of International Service with its research on international and cross-cultural communication, conflict resolution, development, organization and politics and its tradition of linking multidisciplinary theory to ethical practice in order to make a difference in the world. This course introduces students to the field of social entrepreneurship in a global perspective, focusing on communication and leadership. Involves teamwork, communication technologies, and case studies of organizations and partnerships that make a difference. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISU-401 Public Diplomacy: Media, Culture, Power (3) Public diplomacy is generally defined as understanding, engaging, informing, and influencing foreign publics. This course provides an understanding of the history and dynamics of U.S. public diplomacy; knowledge of strategies and techniques for advocating policy and influencing opinion and behavior of international audiences in a Web 2.0 age; skills to communicate, especially in writing; an understanding of how to analyze key data, including opinion polls and audience surveys; and an ability to engage with the key moral, political, and practical dimensions of public diplomacy. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-411 Senior Capstone: Africa (3) Topics vary by section. Rotating senior capstone topics focusing on Africa. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-412 Senior Capstone: East Asia (3) Topics vary by section. Rotating senior capstone topics focusing on East Asia. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-413 Senior Capstone: Europe (3) Topics vary by section. Rotating senior capstone topics focusing on Europe. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-414 Senior Capstone: Latin America (3) Topics vary by section. Rotating senior capstone topics focusing on Latin America. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-415 Senior Capstone: Middle East (3) Topics vary by section. Rotating senior capstone topics focusing on the Middle East. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-416 Senior Capstone: Russia (3) Topics vary by section. Rotating senior capstone topics focusing on Russia. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-417 Senior Capstone: South Asia (3) Topics vary by section. Rotating senior capstone topics focusing on South Asia. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-419 Senior Capstone: International Studies (3) Topics vary by section. Rotating senior capstone topics focusing on international studies. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-420 Senior Capstone: Global Scholars (3) Senior capstone focusing on international studies. May be taken A-F only. *Prerequisite:* admission to Global Scholars program.

SISU-421 Senior Capstone: Peace, Global Security, and Conflict Resolution (3) Topics vary by section. Rotating senior capstone topics focusing on peace, global security, and conflict resolution. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-422 Senior Capstone: Global Economy (3) Topics vary by section. Rotating senior capstone topics focusing on the global economy. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-423 Senior Capstone: Foreign Policy and National Security (3) Topics vary by section. Rotating senior capstone topics focusing on foreign policy and national security. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-424 Senior Capstone: Global Inequality and Development (3) Topics vary by section. Rotating senior capstone topics focusing on global inequality and development. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-425 Senior Capstone: Environmental Sustainability and Global Health (3) Topics vary by section. Rotating senior capstone topics focusing on environmental sustainability and global health. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-426 Senior Capstone: Identity, Race, Gender, and Culture (3) Topics vary by section. Rotating senior capstone topics focusing on identity, race, gender, and culture. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-427 Senior Capstone: Justice, Ethics, and Human Rights (3) Topics vary by section. Rotating senior capstone topics focusing on justice, ethics, and human rights. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-428 Senior Capstone: Global and Comparative Governance (3) Topics vary by section. Rotating senior capstone topics focusing on global and comparative governance. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

SISU-430 Comparative Social Movements (3) Examines a broad range of civil rights, revolutionary, and pro-democracy movements in Europe, the Middle East, Latin America, and the United States. Students develop a comprehensive theory about social movements in order to classify them and develop predictive models about their emergence, shape, and outcome. May be taken A-F only. *Prerequisite:* International Studies major and at least 75 credits.

470 Course Descriptions

SISU-450 Topics in International Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues in international relations. May be taken A-F only.

SISU-461 Topics in Peace, Global Security, and Conflict Resolution (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including peace and social justice, international security, causes of war, and human and global security. May be taken A-F only. *Prerequisite:* SISU-210.

SISU-462 Topics in Global Economy (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including global political economy, international monetary and financial relations, and international trade and investment relations. May be taken A-F only. *Prerequisite:* SISU-220.

SISU-463 Topics in Foreign Policy and National Security (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including U.S. defense politics, transnational security challenges, national security and proliferation, and critical global challenges. May be taken A-F only. *Prerequisite:* SISU-230.

SISU-464 Topics in Global Inequality and Development (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including comparative development strategies, community development, and youth and development. May be taken A-F only. *Prerequisite:* SISU-240.

SISU-465 Topics in Environmental Sustainability and Global Health (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including human geography, politics of population, international environmental politics, health in the developing world, and health communication. May be taken A-F only. *Prerequisite:* SISU-250.

SISU-466 Topics in Identity, Race, Gender, and Culture (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including race and international relations, and cultural diplomacy and international education. May be taken A-F only. *Prerequisite:* SISU-260.

SISU-467 Topics in Justice, Ethics, and Human Rights (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including ethics in international affairs, human rights and the media, and political violence. May be taken A-F only. *Prerequisite:* SISU-270.

SISU-468 Topics in Global and Comparative Governance (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including international law, comparative governing institutions, and leading global organizations. May be taken A-F only. *Prerequisite:* SISU-280.

SISU-471 Topics in Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on Africa. May be taken A-F only. *Prerequisite:* SISU-211.

SISU-472 Topics in East Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on East Asia. May be taken A-F only. *Prerequisite:* SISU-212.

SISU-473 Topics in Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on Europe. May be taken A-F only. *Prerequisite:* SISU-213.

SISU-474 Topics in Latin America (3) Topics vary by section, may be repeated for credit with different topic. Topics focusing on Latin America. May be taken A-F only. *Prerequisite:* SISU-214.

SISU-475 Topics in Middle East (3) Topics vary by section, may be repeated for credit with different topic. Topics focusing on the Middle East. May be taken A-F only. *Prerequisite:* SISU-215.

SISU-476 Topics in Russia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on Russia. May be taken A-F only. *Prerequisite:* SISU-216.

SISU-477 Topics in South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on South Asia. May be taken A-F only.

SISU-481 Women, Gender, and Change in the Middle East and North Africa (3) This course focuses on how the concepts of women and gender have entered historically into the formation of the modern state in the Middle East and North Africa (MENA), and how debates over the status of women in religious and national communities have figured centrally in the current political events and struggles. The course examines how specific popular issues (such as the wearing of the veil) fit into the broader relationship among gender, power, and politics, and explores the relationship between elements of globalization (such as the new information technology) and the struggle for human rights and equality. The analysis is based on a variety of sources, including political and literary writings, religious texts and commentaries, fiction writing and films, and blogs and Twitter. May be taken A-F only.

SISU-482 U.S.-China Relations (3) This course begins with an overview of U.S.-China relations from historical and theoretical perspectives, providing the background necessary to comprehend the domestic foundations of foreign policy. It then examines politics and foreign policies of China and the United States, and interactions between the two powers. Includes security, economic, and diplomatic relations as well as their impact on international relations in Asia-Pacific including Japan, South Korea, and Southeast Asia. The course also introduces a variety of perspectives as analytical tools for research, and analyzes significant controversies as a way of participating in the field's theoretical and policy debates. May be taken A-F only.

SISU-483 Nuclear North Korea (3) This seminar examines the two nuclear crises in the Korean Peninsula, one that was averted by the Democratic People's Republic of Korea (North Korea) and the United States signing the Geneva Accord in 1994, and the other ongoing since November 2002. The course compares different strategic visions to deal with the nuclear proliferation and investigates the missed opportunities and new challenges underlying the current multilateral engagement with North Korea through the Six-Party Talks. Particular emphasis is placed on the roots of the crises inherited from the unsettled colonial legacy in the Korean peninsula as the pivotal geopolitical area in modern history where great powers collided. The nuclear crises are also used as rich test grounds for theories of comparative politics, strategic studies, and international politics. May be taken A-F only.

SISU-485 Race and Ethnicity in Europe (3) From the birth of the multitude of nations in Europe to the present, race and ethnicity have been critical arenas of social struggle and debate. Not a single nation in Europe has escaped the contradictions and divisions that racial and ethnic inequality have generated although there have been a very wide number of strategies employed by both states and marginalized racial and ethnic groups to address these concerns. This course examines the theoretical, historic and contemporary context of these movements, government policies, and state actions around these concerns. May be taken A-F only.

SISU-490 Independent Study Project in International Studies (1-6) *Prerequisite:* permission of instructor and SIS undergraduate studies office.

International Service

Undergraduate Courses

SIS-102 Selected Topics in Leadership (1-2) Topics vary by section, may be repeated for credit with different topic. Analyses of topics in leadership in a global era, with special attention to law and diplomacy, global commerce, global health, and policy issues. Usually offered every summer. *Note:* Open only to students by contract.

SIS-319 Topics in International Relations (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including economic policy, global environmental policy, international peace and conflict resolution, international development, U.S. foreign policy and regional studies, among others. Usually offered every term.

SIS-391 Internship in International Affairs (1-12) Direct involvement in policymaking through participation in a government agency or nongovernmental organization. *Prerequisite:* permission of internship coordinator and SIS undergraduate studies office.

SIS-450 International Law and Organizations Seminar I (4) The first of a two-part seminar, this course focuses on the expanding role of law in governing relations among nations while an interdependent world turns to multinational organizations in the making of global policy. Students examine the impact of the relationship between international law and organizations on security and terrorism, international trade and economic development, the environment, human rights, and humanitarian assistance. Students spend 13 weeks in Washington, D.C. meeting with international law practitioners and visiting organizations that shape policy, a week in New York City for a first-hand examination of the United Nations, and then travel to Europe for a series of seminars focusing on NATO and the European Union. *Prerequisite:* concurrent registration in SIS-451 and permission of Washington Semester Program.

SIS-451 International Law and Organizations Seminar II (4) This course is the second of the two-part Washington Semester in International Law and Organizations seminar. It focuses on the expanding role of law in governing relations among nations while an interdependent world turns to multinational organizations in the making of global policy. Students examine the impact of the relationship between international law and organizations on security and terrorism, international trade and economic development, the environment, human rights, and humanitarian assistance. Students

spend 13 weeks in Washington, D.C. meeting with international law practitioners and visiting organizations that shape policy, a week in New York City for a first-hand examination of the United Nations, and then travel to Europe for a series of seminars focusing on NATO and the European Union. *Prerequisite:* concurrent registration in SIS-450 and permission of Washington Semester Program.

SIS-452 International Law and Organizations Internship (4) Student gain valuable contacts and work experience through an internship at a think tank, law firm, advocacy group, or international organization in Washington, D.C., that fits their academic career and goals. *Prerequisite:* concurrent registration in SIS-450/451 and permission of Washington Semester Program.

SIS-453 International Law and Organizations Research Project (4) Students have the opportunity to investigate important issues confronting international law and organizations. Students gather much of their research from public documents at sources including the Library of Congress and international organizations. While in Washington, New York, and Europe, they interview government officials, diplomats, representatives of nongovernmental organizations (NGOs), and international lawyers. *Prerequisite:* concurrent registration in SIS-450/451 and permission of Washington Semester Program.

SIS-461 AU-Ritsumeikan Exchange (1-15) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in American University-Ritsumeikan University (in Kyoto, Japan) exchange program. Usually offered every term. *Note:* Consult SIS undergraduate office.

SIS-462 AU-Korea University Exchange (1-15) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in American University-Korea University (in Seoul, Korea) exchange program. Usually offered every term. *Note:* Consult SIS undergraduate office.

SIS-463 AU-Sciences Po Exchange, Paris (1-15) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in American University-Sciences Po (Institut d'Etudes Politiques de Paris) exchange program. Usually offered every term. *Note:* Consult SIS undergraduate office.

SIS-464 AU-Sookmyung University, Korea Exchange (1-15) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in American University-AU-Sookmyung University, Korea exchange program. Usually offered every term. *Note:* Consult SIS undergraduate office.

SIS-471, SIS-472 International Environment and Development Seminar I (4), II (4) Focusing on policy and the relationship of the models of development and environmental problems, the seminar links the world of the policymaker with that of the academic theorist. The theme of the seminar is: What do we mean by development, and how do we get there while preserving the planet? Usually offered every fall and spring. *Prerequisite:* permission of Washington Semester Program; must be taken concurrently.

472 Course Descriptions

SIS-473 International Environment and Development Research Project (4) This field experience during the final three weeks of the semester begins with seminars in the capital city with government officials, scholars from local universities, nongovernmental groups and foreign assistance organizations. Students travel throughout the country examining innovative programs now under way to create sustainable development alternatives. Students travel to Africa in the fall semester and to Costa Rica in the spring semester. Usually offered every fall and spring. *Prerequisite:* permission of Washington Semester Program.

SIS-474 International Environment and Development Internship (4) While in Washington students engage in a two-day-per-week internship providing direct experience in an environmental and/or development organization. Usually offered every fall and spring. *Prerequisite:* permission of Washington Semester Program.

SIS-475 Ethnic Cleansing and Genocide in a Comparative Perspective (3) This course explores ethnic cleansing and genocide as one of the central events in the twentieth century. Designed as a comparative and interdisciplinary inquiry, it looks at the ways historical context, political realities, sociological, ideological, and cultural components enable ethnic cleansing and genocide. It examines legal issues as well as social and economic dynamics, such as the connections between environment, resources, security, conflict, and peacemaking. The course analyzes eight cases of ethnic cleansing and genocide including the Herero genocide, the Armenian genocide, the Nanking Massacre, the Holocaust, the Cambodian genocide, the Rwandan genocide, the ethnic cleansing in Bosnia and Herzegovina, and the Sudan genocide. Usually offered every spring.

SIS-476 Religion and Politics Worldwide (3) This course offers students an opportunity to compare the ways world societies define the relationship between religion and politics. It also examines the role of religious ideas, institutions, and movements in shaping political discourse and electoral processes in countries with adherents to major world religions including Christianity, Judaism, Islam, Hinduism, Buddhism, Confucianism, and Shintoism. This includes a close look at how individuals, groups, and denominations interact with governments and other actors in the political arena, and a discussion of the political participation of religious minorities. The course takes a cross-cultural approach to account for a variety of views within the different regions, countries, and religious traditions on the core issues of concern. A key hypothesis examined through case studies suggests that the structure of the religious market in a given setting explains the nature of its religious politics. Usually offered every term.

SIS-486, SIS-487 Peace and Conflict Resolution Seminar I (4), II (4) Explores conflict, peacemaking, and conflict resolution from various perspectives and prepares students with conflict resolution and change skills to participate actively and creatively in building a global society based on peace, justice, and nonviolent resolution of conflicts. Usually offered every fall and spring. *Prerequisite:* permission of department.

SIS-488 Peace and Conflict Resolution Research Project (4) Students write an in-depth research paper on a topic related to peace and conflict resolution. Research skills, analysis, written skills, and originality are emphasized. Usually offered every fall and spring. *Prerequisite:* permission of department.

SIS-489 Peace and Conflict Resolution Internship (4) Provides students with first-hand experience in organizations directly involved in a variety of peacemaking and social change efforts. Usually offered every fall and spring. *Prerequisite:* permission of department.

SIS-490 Independent Study Project in International Relations (1-6) *Prerequisite:* permission of instructor and SIS undergraduate studies office.

SIS-491, SIS-492 International Politics and Foreign Policy Seminar I (4), II (4) Semester devoted to United States foreign policy formulation and implementation. Systematic study of foreign policy emphasizes qualitative analysis and employs quantitative methods as appropriate. Students participate in seminars, workshops, on-site observation, and meet with foreign policymakers and influencers from government, media, and other private-sector organizations. Usually offered every term. *Prerequisite:* permission of Washington Semester Program.

SIS-493 International Politics and Foreign Policy Research Project (4) Usually offered every term. *Prerequisite:* permission of Washington Semester Program.

SIS-497 International Politics and Foreign Policy Internship (4) Usually offered every term. *Prerequisite:* permission of Washington Semester Program.

Graduate and Advanced Undergraduate Courses

SIS-051 Summer Institute (0) Noncredit topics dealing with cutting edge issues in international affairs. Usually offered every summer.

SIS-503 North American Summer Institute (3) Topics vary by section, may be repeated for credit with different topic. The Discovering North America institute, offered by the Center for North American Studies (CNAS), is dedicated to understanding the ties that connect and the differences that divide North America's three countries: Canada, the United States, and Mexico. Students participate in seminars and may be placed in internships with agencies and organizations working on North American issues in Washington, D.C. Usually offered every summer.

SIS-510 Islamic Sources of Conflict Resolution (3) Investigates the role of cultural and religious elements in conflicts affecting the Muslim world, and examines Islamic precepts as they relate to the theory and practice of conflict resolution. After reviewing principles and precedents from the Qur'an, the Hadith, the Shari'ah, and traditional Islamic culture, students engage in research projects to analyze conflict and conflict resolution processes both within the Muslim world and between Muslim and non-Muslim ethnic and political groups. Usually offered alternate springs (even years).

SIS-511 Kurds: Social, Cultural, and Political Identity (3) Topics vary by section, may be repeated for credit with different topic. Focuses on the history of the Kurds and their social and political institutions, cultural and social factors contributing to the rise of Kurdish nationalism in the Middle East, Kurdish search for identity and/or political autonomy, the socio-political impact on the countries they inhabit, and their ties to other minorities in the region. Usually offered every term.

SIS-513 Digital Tools for Assessing International Relations (3) An introduction to using the Web for research and publishing materials on the Web. Includes Web-programming techniques and case studies related to vital international relations issues such as trade, the environment, and preventive diplomacy. Student papers are posted on the Web as part of a virtual conference at the end of the semester. Usually offered every term.

SIS-514 Spirituality and Global Politics (3) Examines the application of spirituality to global politics with particular emphasis on how modalities of faith and belief which transcend narrowly sectarian concerns promote peace and conflict resolution. Includes the historical significance of faith and belief on contemporary issues in global politics, content and process of spirituality, and consciousness in social action. Usually offered alternate springs (even years).

SIS-515 Islamic Peace Paradigms (3) The ideal of peace is deeply embedded in the religious vision of Islam, but ideas for achieving peace have differed. This course explores the interpretive foundations, history, and practice of four major Islamic paradigms: tradition, reformism (islah), renewalism (tajdid), and Sufism (tasawwuf). The origins, value structure, and methodology of each paradigm are examined in light of the challenges facing contemporary Islamic societies. Usually offered alternate falls (odd years).

SIS-516 Peacebuilding in Divided Societies (3) This course explores various peacebuilding approaches that can be utilized in multi-ethnic and divided societies. It focuses on the three possible levels of intervention (grassroots, middle out and top down) often implemented by peacemakers in their attempts to bring change to the dynamics of deeply rooted conflict societies. As a primary case study for this course, the Israeli-Palestinian conflict is critically reviewed and examined. Multiple dimensions of the Israeli-Palestinian conflict in the West Bank and Gaza Strip, as well as the relationship between Palestinians and Jews within Israel, are investigated. Usually offered every fall.

SIS-517 Gender and Conflict (3) This seminar examines the gender dimensions of human wrongs associated with violent conflict. Students are encouraged to ask questions about the complexity of human rights problems and consider aspects of human rights problems made invisible to the outside world by silencing or obscuring the victims. Students also explore how each aspect of conflict is gendered. Of primary concern is gendered forms of resistance to and cooperation with agents of war and peace, the role gender plays in the militaries and militarization, the impact of militarization on the lives of men and women in both war and peace time, and recent legal and political attempts to address gender-based violence in human rights. Usually offered every spring. *Prerequisite:* SISU-280.

SIS-519 Special Studies in International Politics (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including international economic policy coordination, emerging capital markets, international environmental policy, political risk analysis, international relations of Japan, preventive diplomacy, United States and Cuba, and nonviolence. Usually offered every term.

SIS-528 Special Studies in International Communication (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including international communication and information technology; international communication multilateral negotiation; international communication and public diplomacy; international communication and development; communicating in the Arab world and in Islamic societies; communication, culture, and change; the global knowledge economy; and strategic communications in intelligence and national security. Usually offered every term.

SIS-533 Population, Migration, and Development (3) This course provides the necessary analytical skills to understand contemporary population dynamics, especially in the developing world. It examines fundamental components of current trends in population dynamics; theoretical bases of the population debate; fertility issues; the relationship among population, development, and human migration flows; and population policy and sustainable development in developing and developed countries. Usually offered every fall.

SIS-536 Special Topics in International Development (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include governance, democracy, and development; population, migration, and development; etc. Offered irregularly.

SIS-537 Special Topics in Development Management (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include managing decentralization, urban development, and small scale enterprise. Usually offered every term. *Prerequisite:* SISU-240, or SIS-637, or equivalent.

SIS-539 Comparative Development Strategies (3) This course explores the many factors that affect the way states and societies construct national development strategies. It focuses on underlying causes for the wide range of development strategies: colonial legacies; natural resource curse; institutions; governance; neighborhood; foreign aid; and global linkages. The impact particular strategies have on development outcomes such as environmental sustainability, democracy, growth, poverty, income distribution, and social justice are also considered. Usually offered every fall.

SIS-540 Conflict and Development (3) An examination of the way in which development processes, strategies, and policies increase or decrease local, national, and international conflicts, as well as the ways in which conflicts at all levels condition development choices. Usually offered every fall.

SIS-541 Systems Analysis for Management, Development, and the Environment (3) This course provides an opportunity to learn how systems analysis theories, models, and techniques can be rigorously applied to the subject matter of management, environmental policy issues, and international development. Usually offered every spring. *Prerequisite:* SIS-600 or a course in quantitative research methods or statistics.

SIS-542 Human and Global Security in the New World Order

(3) This course examines developments in and ways of thinking about security since the end of the bi-polar world order. The course considers ways of thinking about security other than through the national security framework; works towards an understanding of non-military threats to human life, communities, societies, and cultures; examines the intersection of globalism and new forms of security provision; examines the impact of organized crime; assesses the scope and consequences of light weapons proliferation, especially for developing countries; and analyzes forms of involvement in wars. Usually offered every term.

SIS-545 Comparative and International Race Relations (3)

Examines the way in which nationalism, feminism, Marxism, and diverse theoretical perspectives have shaped the meaning and role of race. Also addresses methodological issues that arise in the comparative study of race in different regions of the world. Usually offered every fall.

SIS-551 Economy, Politics and Society in Europe (3)

The political systems, values, and sociological changes in European society since 1945; an analysis of European nations and regions and of different levels of development and economic organization. Usually offered every fall.

SIS-553 Central and East Europe in Transition (3) A comparative approach exploring the circumstances leading to and the consequences of the transitions in central and eastern Europe. Historical, economic, and political perspectives are emphasized. Assessment of relative successes and failures of the transitions and prospects for the region's future. Usually offered every term.

SIS-559 Selected Topics in Cross-National Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics, usually with a geographical or regional focus, include fundamentalist movements in Islam; political economy of African crisis; theories of nationalism; etc. Offered irregularly.

SIS-560 Chinese Foreign Policy (3) This seminar provides an overview of Chinese foreign policy and examines China's bilateral relations with its Asian neighbors and the United States, including controversial topics such as arms control, human rights, and the Taiwan issue. Also covers the policy-making process, including the shift of priorities from the era of revolution to the era of modernization. Usually offered alternate springs.

SIS-561 Modern China (3) Emergence of China as a world power, with emphasis on economic, political, and social trends in the People's Republic of China today. Usually offered alternate springs.

SIS-562 Political Economy of China (3) This course examines the evolution of China's political institutions and its transitional economy since 1949. It focuses on economic reforms in rural and urban areas and the prospect for political reform. Also discussed are significant changes in the financial sectors and state-owned enterprises, as well as the economic integration of "greater China." Usually offered alternate springs.

SIS-563 Japanese Foreign Policy (3) This seminar provides a comprehensive understanding of Japan's historical background and its basic foreign policy issues. It examines significant strategic and economic debates regarding Japan's role in the international community with emphasis on Japan's relations with its Asian neighbors and the United States. Usually offered alternate falls.

SIS-564 Chinese Politics (3) This course focuses on China's political process from 1949 to the present to provide a comprehensive framework for understanding Chinese politics. It examines the party-state system, political leadership, state-society relations, the role of the military, political culture, and the demand for democratization. Usually offered alternate springs.

SIS-565 U.S. Economic Relations with Japan and China (3)

The benefits of foreign trade are analyzed in the context of the economic and political factors causing trade imbalances and frictions between the United States and Japan and China. Examination of divergent trade policies and dissimilar trade performances, and analysis of efforts to restore bilateral harmony and equilibrium between the United States and Asia's two largest economies. Usually offered every spring. *Prerequisite:* 6 credit hours of basic economics.

SIS-566 International Communication Skills Institutes (1-3)

Topics vary by section, may be repeated for credit with different topic. Introduction to specific techniques and approaches currently used in international communication. Usually offered every term.

SIS-567 International Relations of East Asia (3)

Recent historical and contemporary interstate relations in East Asia, and the place of East Asia in world affairs. Usually offered every term.

SIS-571 International Relations of the Middle East (3)

Recent historical and contemporary interstate relations in the Middle East and North Africa and the place of the Middle East in world affairs. Usually offered every term.

SIS-573 International Relations of Africa (3)

Recent historical and contemporary interstate relations in Africa and the place of Africa in world affairs. Usually offered every term. *Prerequisite:* SISU-211 or SISU-386 or graduate standing.

SIS-577 International Relations in the Americas (3)

Recent and contemporary interstate relations in Latin America and the place of Latin America in world affairs. Usually offered every term.

SIS-578 Comparative Social Movements (3)

Examines a broad range of civil rights, revolutionary, and pro-democracy movements in Europe, the Middle East, Latin America, and the United States. Students develop a comprehensive theory about social movements in order to classify them and develop predictive models about their emergence, shape, and outcome. Usually offered every spring.

SIS-579 Selected Regional and Country Studies (3)

Topics vary by section, may be repeated for credit with different topic. Comparative perspective on contemporary international relations with regional or area focus. Brings theory to bear on the study of the area. How do major theoretical constructs contribute to understanding the region? Conversely, how does knowledge of the topic area extend the range of generalizations in the social sciences? Usually offered every term.

SIS-580 Japan's Twenty-first Century Transformation (3)

Long-hailed as the paradigmatic successful state after the country was lifted out of poverty at the end of World War II, the recession of the 1990s called into question the viability of the Japanese model. However, more than a lost decade, the economic downturn brought far-reaching changes affecting all areas of Japanese politics, economics, and society. This course studies the evolution of core Japanese institutions, discusses the politics behind recent reforms, and the challenges of internationalism. Usually offered every spring.

SIS-582 United States Policy towards Latin America (3) This course examines U.S. foreign policy towards Latin America by focusing on the factors that shape U.S. foreign policy. The course considers the extent to which U.S. policy is shaped by the nature of the U.S. impact on Latin America. Usually offered every spring.

SIS-583 United States in World Affairs (3) This course addresses the role of the United States in world affairs and contemporary issues. Focuses on U.S. interests in selected regions (e.g., the Middle East or East Asia), as well as its role in addressing critical global challenges (e.g., nuclear proliferation or climate change).

SIS-584 Transnational Crimes and Globalization (3) This course provides an overview of transnational crime and corruption and its effects on the political, economic, and social development of countries around the world. Impediments to the effective control of transnational organized crime are considered in the context of increasing globalization and the technological revolution. Usually offered every term.

SIS-586 American at War (3) Examines the role of technology in national and international security through historical and contemporary cases of military-technological innovation and stagnation and their impact on policy, strategy, and conflict. The processes of innovation—and their success or failure—are emphasized, including the central dynamic involving technologies that favor the offense and those favoring the defense. Usually offered alternate falls (odd years).

SIS-587 Globalization and Global Governance (3) This course examines the power and governance of globalization. It explores issues including what is globalization, its origins, and underlying causes; how states respond to globalizing processes; have states and international organizations established rules for controlling these forces or are they out of control, and are alternatives possible; and the major challenges and forms of resistance to globalization. Also, how social movements such as labor unions, women's groups, environmentalists, and human rights activists are responding to shifts in global markets and cultures, and to what extent anyone is in charge of this set of processes. Usually offered every fall.

SIS-588 Proliferation and Arms Control (3) The proliferation of nuclear weapons presents several serious threats to U.S. national security. Students examine these threats by developing an understanding of theories and cases of state acquisition of nuclear weapons, concerns about terrorist and criminal networks getting these weapons, and increasing pressure on the United States to place limits on its own nuclear arsenal. The course also examines U.S. nuclear and nonproliferation strategies in historical and contemporary perspective, along with arms control, verification, and abolition. Concerns about the proliferation of biological and chemical weapons are also addressed. Usually offered every spring.

SIS-589 Global Political Economy (3) This course is concerned with the scope of political economy. The focus is on the origins of the modern global political economy and its institutional structure. It examines contemporary issues in political economy, using the division of labor as an organizing concept, and explores the prospects for global restructuring at the turn of the century. Usually offered every spring.

SIS-590 Independent Reading Course in International Relations (1-6) *Prerequisite:* permission of instructor and SIS graduate studies office.

Graduate Courses

SIS-030 International Affairs Proficiency (0) Provides training for international affairs tool of research requirements. This course satisfies the tool of research requirement for the SIS master's degree program if completed with a grade of B or better. *Prerequisite:* admission to SIS graduate degree program.

SIS-033 Topics in International Communication (0) Noncredit topics provide introduction to a specific technique or approach currently used in the international communication/cross-cultural communication field, focusing on intercultural training, multicultural negotiation, intercultural leadership, or another similar area. Usually offered every term. May be taken pass/fail only.

SIS-042 Academic Research and Writing for International Relations (0) This non-credit graduate course is designed to improve the academic research and writing skills of non-native English speakers by completing assignments involving lectures and readings in the fields offered by the School of International Service. Students build a solid foundation in international relations theory and vocabulary, and develop critical thinking, presentation, and intercultural communication skills. Usually offered every fall.

SIS-091 Internship in International Affairs (0) Noncredit internship or professional experience for graduate students in international affairs. *Prerequisite:* permission of SIS Graduate Advising Office.

SIS-600 Statistics, Research Design, and Research Methods for International Affairs (3) Introduction to research design and research methods with particular focus on quantitative measurement, statistical analysis, and computer use for international relations research. Usually offered every term.

SIS-601 Global International Relations Theory (3) Interdisciplinary perspectives; major paradigms of thought; definition of boundaries of the field; normative and analytic goals and definition of priorities. Usually offered every fall.

SIS-602 AU-University for Peace Exchange (1-6) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in American University-University for Peace, Costa Rica exchange program. Usually offered every term. *Note:* Consult SIS graduate office.

SIS-603 Special Institute in International Affairs (1-6) Topics vary by section, may be repeated for credit with different topic. Selected topics dealing with cutting edge issues in international affairs. Usually offered every summer.

SIS-605 Theory of Cooperative Global Politics (3) Examines the historical movement toward stability and order in the international political system with emphasis on comparing such concepts as nation-state/one world; national interest/human interest; rights of states/human rights; sovereignty/interdependence; war/collaborative conflict resolution. The concepts that underlie the competitive model of world politics—individualism, rationality, and self-interest—are analyzed within the global political context.

SIS-606 Culture and Peace and Conflict Resolution: Alternatives to Violence (3) In this course, students engage two primary questions: What roles do cultural values, norms, and practices play in conflict and in its resolution? How is conflict resolution practiced in cultural contexts around the world? Students explore these questions to become more informed practitioners of conflict resolution practices, capable of adapting our knowledge, attitudes, and skills in diverse contexts around the globe. Usually offered every term.

SIS-607 Peace Paradigms (3) This course reviews a range of approaches to peace, the underlying assumptions and methods, and current applied examples within each approach. The course provides an overview of the history and development of five approaches to peace, which students analyze and compare: peace through force; peace through world order; peace through communication and conflict resolution; peace through nonviolence; and peace through transformation (personal and relational). Usually offered every term.

SIS-608 AU-University for Peace Program (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at University for Peace (UPEACE), San Jose, Costa Rica. *Prerequisite:* permission of SIS Program Development Office.

SIS-609 Conflict Analysis and Resolution: Theory and Practice (3) Explores conflict resolution as a field of inquiry and research; perspectives, theories, and assumptions underlying conflict analysis and conflict resolution; contending approaches to conflict resolution training and practice. A case analysis approach is used to examine the role of contemporary issues in conflict situations. Usually offered every fall.

SIS-610 Theories of Violence and War (3) This course sets forth the main theoretical frameworks, with empirical examples, for understanding the causes and conditions of violent conflict. It examines organized violence at various levels (global system, state, group, and individual) and across disciplines (political science, sociology, philosophy, psychology, anthropology, and more). Usually offered every term.

SIS-611 International Negotiation (3) An advanced interactive seminar that focuses on how international actors negotiate in diverse contexts. The course covers negotiations to achieve ceasefires, resolve hostage and terrorist incidents, comprehensively end wars, advance economic relations, and resolve diplomatic crises, among others. Special concepts and theories that distinguish international negotiations from those that are domestic or interpersonal are also addressed. Students gain an understanding of the historical origins of international negotiation and selected aspects of conflict resolution theory, as well as a deep understanding of theories about the process and outcome of international negotiation. They also improve their own negotiation

skills by practicing on simulations and cases while developing the ability to analyze negotiations in order to develop policy recommendations; strategies and tactical responses. Usually offered every term.

SIS-612 Qualitative Research Methods in Peace and Conflict Resolution (3) This course introduces a range of qualitative methods for social science research, especially for students in IPCR and EPGA who are planning research for substantial research paper (SRP) or thesis projects. Topics include developing a research question, performing a literature review, and selecting an appropriate methodology. Methods covered include interviewing, focus groups, case studies, participant observation, content analysis, and action research. Issues discussed include human subjects protocols, negotiating access, and the ethics of working with war-affected populations. Usually offered every fall.

SIS-613 Reconciliation and Justice (3) This course exposes students to the complex and multi-dimensional aspects of the relationship between reconciliation and justice in a post-conflict context. It also develops a deeper understanding of the challenges involved in applying and designing a reconciliation project in a development context. The course addresses the tension between the request for reconciliation, coexistence, and peace and the demand for justice. Usually offered every fall.

SIS-614 Ethics in International Affairs (3) A critical exploration of the ethical dimensions of international relations. This course identifies the values and ethical concerns which underpin international relations theory. It explores the possibility of constructing viable and humane alternatives to the existing world order to recognize cultural diversity and heterogeneity. Usually offered every spring.

SIS-615 Fundamentals of United States Foreign Economic Policy (3) Analysis of the principal American policies of international trade, finance, development, and investment. Attention is given to the institutions and processes that shape foreign economic policy, and to the utility of such tools as trade, foreign aid, and sanctions. Usually offered every term. *Prerequisite:* ECON-603 or equivalent.

SIS-616 International Economics (3) Examines comparative advantage and neo-classical trade theory, contemporary trade theories, balance of payments, accounting, exchange rates, and open economy macroeconomic and economic development. Usually offered every term. *Prerequisite:* ECON-603 or equivalent.

SIS-617 Applied Conflict Resolution (3) Examines a variety of theories for analyzing conflict and a range of methods for addressing it at various levels of social interaction. Through interactive learning methods, students see the strengths and limitations of concepts and methods, as well as their potential applications. Usually offered alternate falls (odd years).

SIS-618 Topics in North American Studies (3) Topics vary by section, may be repeated for credit with different topic. Course addresses key issues in North American studies. Usually offered every term.

SIS-619 Special Studies in International Politics (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including international economic policy coordination, emerging capital markets, international environmental policy, political risk analysis, international relations of Japan, preventive diplomacy, United States and Cuba, and nonviolence. Usually offered every term.

SIS-620 Studies in Global Environmental Politics (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include water; food and agriculture; climate and energy; policy analysis; sustainable design; comparative environmental politics; and environmental security. Usually offered every term.

SIS-621 International Law and the Legal Order (3) The nature and functions of international law in interstate relations, with emphasis on recent trends in scholarship and on cases, documents, and other original materials. Usually offered every spring.

SIS-622 Human Rights (3) This course explains the main principles of international human rights law and provides a solid grounding in the main United Nations and regional systems for human rights protection and promotion. In addition, students are introduced to the methodology of human rights fact-finding, including interview techniques and planning investigations. The course also considers the political, sociological, and ethical dimensions of human rights advocacy. Students consider the ways in which human rights address human society and how we treat one another, how authority is used, and issues of basic justice and fairness. Usually offered every fall.

SIS-623 International Policy Analysis: Theory and Practice (3) This course provides an introduction to the theory and practice of public policy analysis in international affairs, focusing on the methods used to analyze and evaluate policy, the various issues associated with policy formation, and the application of these methods to different policy areas. Usually offered every term.

SIS-624 Children in International Development (3) This course focuses on the predicament of children in various situations around the world in which they are exploited, abused, or disadvantaged. Includes street children, child soldiers, child labor, AIDS orphans, handicapped children, and trafficking in children. Constructive alternatives to deal with these problems are also discussed. Usually offered every spring.

SIS-625 International Organizations (3) The origins, principles, organization, activities, and performance of major international organizations in issue areas including economic development, international security, trade, and humanitarian assistance. Theoretical aspects are emphasized. Usually offered every spring.

SIS-626 Social Policy and Development (3) The design, implementation, and financing of health, education, social insurance, water, etc., in developing countries. The course covers debates about rights vs. cost effectiveness, universal coverage vs. targeting, centralized vs. local control, public vs. private provisions, etc. Students are introduced to tools to facilitate social policy analysis in conditions of limited resources. Usually offered every spring.

SIS-627 International Finance and the Emerging Markets (3)

This course deals with the implications of financial globalization for emerging market countries and specifically with the pros and cons of attracting direct investment and portfolio flows, the peculiarities of global capital movements such as contagion and sudden stop phenomena, the roles of credit rating agencies and the International Monetary Fund (IMF) in facilitating access to international lenders and investors, the importance of currency and maturity mismatches, the effectiveness (or not) of controls on capital flows, and the relationship between capital flows, overindebtedness, and sovereign debt defaults. Usually offered every spring. *Prerequisite:* SIS-666 or ECON-672 or IBUS-700.

SIS-628 Advanced Topics in International Communication (1-3)

Topics vary by section, may be repeated for credit with a different topic. Rotating topics include cross-cultural collaboration in global virtual teams; health and culture across borders; public diplomacy; social entrepreneurship; global innovation without frontiers; social media and cultural-political transformation; race, class, and power in international education; field research in health communication; foreign media and public opinion; managing international and intercultural programs and exchanges; health communication, disability policy and organization; cyber-conflict in global perspective; and mass media and terrorism. Usually offered every term.

SIS-629 Europe Core Seminar (3)

Topics vary by section, may be repeated for credit with different topic. Rotating topics cover key themes in comparative and regional studies including politics, economy, identity, regional security, civil society, governance, foreign policy, democratization, and globalization in European countries.

SIS-630 Economic Policies in the European Union (3)

The course deals primarily with the development and governance of the European Union, and especially with the economic, monetary, and financial challenges the project has had to manage and try to overcome. Usually offered every spring.

SIS-631 Islamic Studies Core Seminar (3)

Topics vary by section, may be repeated for credit with different topic. Rotating topics cover key themes in comparative and regional studies including politics, economy, identity, regional security, civil society, governance, foreign policy, democratization, and globalization, as well as the role of class, gender and ethnicity, which are integral in Islamic studies.

SIS-632 Microfinance: Concepts and Practical Tools (3)

This course focuses on aspects of non-traditional financial institutions in developing countries, popularly referred to as microfinance institutions (MFIs). The course familiarizes students with the policy, organizational, and technical aspects of microfinance, and provides the tools to evaluate and analyze the strengths and weaknesses of microfinance as a tool for economic development. Usually offered every fall.

SIS-633 Selected Topics in International Communication (1-3)

Topics vary by section, may be repeated for credit with different topic. Introduction to a specific technique or approach currently used in the international communication/cross-cultural communication field, focusing on intercultural training, multicultural negotiation, intercultural leadership, or another similar area. Usually offered every term. May be taken pass/fail only.

SIS-634 Field Survey Research Methods (3) This course provides basic training in designing a field-based research project in international development. It is structured to combine the theoretical aspects of international development with the practical aspects of testing their validity and applicability. Usually offered every spring. *Prerequisite:* SIS-600.

SIS-635 Advanced Topics in Development Management (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include rural development and managing economic and political reform. Usually offered every term.

SIS-636 Micropolitics of Development (3) This course introduces key social categories that affect politics and development at the local/micro/project level. These include class; status (including the operation of elites; bureaucrats, and development professionals); ethnicity; caste; gender, and differences based on culture and religion; and abilities/disabilities. It also emphasizes that these categories are fluid; time- and location-specific; and open to contestation. From an applied perspective; the material in this course provides a conceptual background for; and useful pointers towards; competent and informed social assessment. Reference is made to a number of practical tools including gender analysis; stakeholder analysis; social (impact) assessment; and participatory rural appraisal. The course also provides an opportunity to observe a number of case studies. Usually offered every term.

SIS-637 International Development (3) Alternative theories and definitions of development as expressed in the major international institutions (aid agencies, cartels, multinational corporations) concerned with the transfer of resources. Considers the problems of the "change-agent" in working for development and examines the major development issues. Usually offered every term.

SIS-638 Selected Topics in International Development Skills (1) Topics vary by section, may be repeated for credit with different topic. Introduction to a specific technique or approach currently used in the international development field, focusing on project planning, community development, action research, or another similar area. Usually offered every term. May be taken pass/fail only.

SIS-639 Selected Topics in International Conflict Resolution Skills (1-3) Topics vary by section, may be repeated for credit with different topic. Introduction to a specific technique or approach currently used in the international conflict resolution field, focusing on conflict resolution and reconciliation, mediation, interviewing, negotiation, or another similar area. Usually offered every term. May be taken pass/fail only.

SIS-640 International Communication (3) International communication as a field of inquiry and research: perspectives, theories, and assumptions underlying communication between nations and peoples; international flow of information and its implications in relations among nations and cultures. Usually offered every term.

SIS-641 Psychological and Cultural Bases of International Politics (3) Phenomena and problems of international relations in terms of underlying cultural and psychological forces. Theory of international relations from the point of view of the behavioral sciences. Usually offered every spring.

SIS-642 Intercultural Relations (3) This course examines the contribution of relevant social and behavioral sciences and the humanities to the study of intercultural and cross-cultural communication. Analysis of culture as communication and value-systems as essential communication. Usually offered every term.

SIS-643 Political Economy of International Communication (3) Examines the political and economic foundations, structures, and processes of contemporary international and global communication. Usually offered every other term.

SIS-644 Communication and Social and Economic Development (3) Examination of economic, communication, and development theories, the role of information and communication technology in social and economic development; transfer of technology and uses of communication in economic growth, social change, and national integration. Usually offered every spring.

SIS-645 International Communication and Cultural Policy (3) Designed for students and professionals in communication and culture, media, creative arts, public policy and international affairs, this course explores some of the most important areas of national, comparative and international policy shaping communication and culture in the twenty-first century. Students develop policy expertise for use in areas such as press freedoms, media and film policy; Internet policy, new digital media policy, and Internet censorship; intellectual property rights and foreign policy related to trade in cultural products and service; and constitutional rights of freedom of expression in comparative context. Particular emphasis is given to national arts policy and cultural policies that protect cultural rights of minorities; promote production and dissemination of new creative arts; preserve the national heritage in cultural traditions, national endowments and museums; construct and define national and cultural identity; support and subsidize national cultural industries; apply cultural content quotas; design and implement language policy; and defend cultural sovereignty. Usually offered every spring.

SIS-646 Information Systems and International Communication (3) Illustrates the major concepts and techniques that comprise systems perspectives. Particular attention to the application of systems concepts and related techniques to the flow of information in and across organizations set in a complex, interdependent and changing world. Case studies and action research complement class reading and discussion. Usually offered every spring.

SIS-647 Governance, Democracy, and Development (3) Reviews classical and contemporary perspectives on democratic transition, consolidation, and the development of good governance, with special attention to the role of foreign aid. Analyzes the role of civil society and social capital, considers the design of institutions such as constitutions, electoral systems, parties, and agencies of restraint, and also examines accountability, rule of law, and corruption. Usually offered every spring.

SIS-648 Women and Development (3) Provides the student with a critical evaluation of the main theoretical structures of feminism as applied to an analysis of the multiple facets of women's lives in the developing world. Explores the diverse socioeconomic, cultural, religious and political factors that affect women including the impact of development itself. Usually offered every fall.

SIS-649 Environment and Development (3) An overview of the multidisciplinary field of environment and development. This course focuses on debates concerning various human-made or development-related root causes of natural-resource degradation in the Third World. Special attention is paid to the relationship between the rural poor and the environment. The course also looks critically at recent innovative policy responses attempting to link environment and development. Students learn "root-cause analysis" to assess both the debates and the policy responses. Usually offered every spring.

SIS-650 Global Economy and Sustainable Development (3) An inquiry into the political economy of development; centered on two levels of analysis: the evolution of global economic activity in the post-World War II period; with primary focus on trade and foreign investment; and the relationship between such global economic interactions and sustainable development (in social, environmental, and economic terms) in Third World countries. Special attention is given to NGO (including labor unions); private sector and government initiatives to make trade and investment more supportive of socially and environmentally sustainable development. The course provides an introduction to corporate responsibility/accountability. Usually offered every term. *Prerequisite:* SIS-637 (may be taken concurrently) or permission of instructor.

SIS-651 Managing Economic Policy Reform (3) Addresses design and management of macroeconomic stabilization; privatization; social safety net; trade policy; financial sector; and public sector reform in developing countries. The course focuses on the impact of economic policy on the poor and also considers the politics of reform. *Prerequisite:* ECON-603 or equivalent with permission of instructor.

SIS-653 Topics in U.S. Foreign Policy (3) Topics vary by section, may be repeated for credit with different topic. Topics include substantive national security issues such as terrorism, non-proliferation, intelligence, and defense policies, as well as U.S. foreign policy toward specific regions or countries.

SIS-654 Africa Core Seminar (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics cover key themes in comparative and regional studies including politics, economy, identity, regional security, civil society, governance, foreign policy, democratization, and globalization in African countries.

SIS-655 Asia Core Seminar (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics cover key themes in comparative and regional studies including politics, economy, identity, regional security, civil society, governance, foreign policy, democratization, and globalization in Asian and Southeast Asian countries.

SIS-656 Contemporary International Relations of Western Europe (3) Theoretical approaches to the study of European integration. Evolution of West European unity since World War II with emphasis on the European Union, United States-West European relations since the 1960s, and contemporary issues of European security. Usually offered every spring.

SIS-657 International Economic Organizations: Public and Private (3) A study of the entrepreneurial, corporate, and governmental forces and organizations that have shaped international commerce and cross-border finance. The course examines how private-sector and official institutions in particular have become more or less relevant in light of fast-paced globalization since the 1960s, the challenges these institutions currently face, and how these institutions interact with and react to developments in commodity and financial markets. Usually offered every fall.

SIS-658 Financial Issues in Latin America (3) Systemic financial problems—fiscal banking currency and debt crises often in highly damaging combination—have loomed large in the economic history of Latin America. This course analyzes both the fundamental and precipitating causes of these financial crises, focusing on economic policy and institutional shortcomings as well as on other domestic and external forces that generate financial instability. Case studies are used to illustrate particular situations encountered in recent years. Usually offered every spring. *Prerequisite:* ECON-601 or permission of instructor.

SIS-659 International Relations of Russia and Central Eurasia (3) The study of Soviet and Commonwealth foreign policies within the analytical perspectives of international relations theory. Historical and contemporary analysis of interstate and inter-regional relations in areas of Russian and Soviet influence. Usually offered every fall.

SIS-660 Environment and Politics (3) This gateway course for students entering the SIS programs in Global Environmental Policy (GEP) and Natural Resources and Sustainable Development (NRSD) provides an introduction to environmental politics and policy, with emphasis on the international, transnational and global dimensions. The course lays a foundation for more advanced study by introducing conceptual frameworks, issue areas, and analytic approaches to the field. Usually offered every fall.

SIS-661 Russia and Central Eurasia Core Seminar (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics cover key themes in comparative and regional studies including politics, economy, identity, regional security, civil society, governance, foreign policy, democratization, and globalization in Russia and Central Eurasian countries.

SIS-662 AU-Peruvian Diplomatic Academy Topics vary by section, may be repeated for credit with different topic. Students take courses at the Peruvian Diplomatic Academy. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-663 Washington Workshop: Advanced Studies and Research in Environmental Politics (3) This applied professional seminar meets with non-governmental organizations (NGOs) and government agencies at their offices in Washington, D.C. Students produce a major research paper while honing their professional goals and developing expertise in the practice of environmental politics and policy. Promotes a broad understanding of environmental institutions and their strategies and offers a structure for sustained research. Usually offered every spring.

SIS-664 Islam and Nationalism: Middle East (3) Lectures and discussions on secular nationalism and Islamic militancy in the Middle East and North Africa during the past one hundred years; the origins and characteristics of the movements; the conflict between them and its impact on the politics and international relations of the area; the emergence of neofundamentalist Islamic movements. Usually offered every spring.

SIS-665 International Trade Relations (3) An analysis of the multilateral trading system and its rules and practices; regional and bilateral trade and investment agreements; the political economy of protectionism; and issues involving services trade, migration, and foreign direct investments. Usually offered every fall. *Prerequisite:* SIS-616 or equivalent.

SIS-666 International Financial Relations (3) An analysis of the historical evolution of the international monetary system, the political economy of monetary regimes, and the pros and cons of alternative exchange rate policies. It also examines global conflicts over balance-of-payments adjustments as well as the transmission and management of international financial crises. Usually offered every spring. *Prerequisite:* SIS-616 or equivalent.

SIS-669 Human Rights in Latin America (3) This course examines some of the issues confronting human rights in Latin America today: how to remember, redress and repair human rights abuses under past authoritarian regimes; how to document and address rights abuses linked to the globalized movements of labor and people, as well as of indigenous peoples; what the role of the United States has been and should be; what the role of international and national non-governmental organizations is and ought to be; how to address non-political violence through human rights frameworks; and how to secure human rights in the region's armed conflicts. Although numerous cases are included, the course draws heavily on Colombia, El Salvador, Guatemala, Brazil, Uruguay, Ecuador, and Haiti. Usually offered every fall.

SIS-670 Americas Core Seminar (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics cover key themes in comparative and regional studies including politics, economy, identity, regional security, civil society, governance, foreign policy, democratization, and globalization in Latin American countries.

SIS-671 Middle East Core Seminar (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics cover key themes in comparative and regional studies including politics, economy, identity, regional security, civil society, governance, foreign policy, democratization, and globalization in Middle Eastern countries.

SIS-672 Theories of Comparative and International Studies (3) Unlike the dominant tradition which divides comparative and international politics into separate areas of inquiry, this course bridges these two fields. Includes the rise of the modern state and its relation to historical capitalism and the nation; interactions between the state and the market; democratization and civil society; social movements; and global culture. Usually offered every term.

SIS-673 Comparative Political Economy (3) Political economy is examined by comparing countries and regions. Considers the possibilities and limits of transposing models of state and society from one region to another. Focus is on the division of labor, class and identity, the state, industrialization strategies, technological policy, cultural formation, and identity. Usually offered every term.

SIS-674 AU-China Studies Institute Program Topics vary by section, may be repeated for credit with different topic. Students study at the China Studies Institute in Beijing, China. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-675 Race in International Relations (3) The concept of race in international relations theory has acquired meaning through issues such as security/immigration policies and trans-national social/political movements. Focuses on the theoretical and practical implications of race as a significant factor in these and other international issues. Usually offered every spring.

SIS-676 Selected Topics in Cross-National Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics, usually with a comparative or regional focus, include political economy of Africa; theories of nationalism; etc.

SIS-677 AU-Carlos III University, Madrid Exchange (1-6) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in American University-Universidad de Carlos III, Madrid exchange program. Usually offered every term.

SIS-679 AU-American University in Cairo (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at the American University in Cairo (AUC), Egypt. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-680 Topics in Research Methods in International Affairs (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics on qualitative research approaches in international affairs with a particular focus on case studies. Usually offered every spring.

SIS-681 Intelligence and Foreign Policy (3) The role of the CIA and other intelligence organizations in formulating and implementing U.S. foreign policy. Includes human and technical intelligence gathering; processing and analysis; dissemination of information to policy makers; covert action and counterintelligence; the relationship between intelligence organizations, the President, and Congress; and ethics and the conduct of intelligence activities. Usually offered every term.

SIS-682 Foreign Policy: Institutions and Processes (3) Analysis of American foreign and defense policy processes, including the role of the president, Congress, Departments of State and Defense, the intelligence community, and other actors and factors affecting policy formulation and implementation. Students participate in a simulation of the policy process addressing a real world issue. The exercise incorporates memo writing, public speaking, and other practical skills.

SIS-683 The President, Congress, and United States Foreign Policy (3) Who really makes U.S. foreign policy? This course assesses the foreign policy roles of the president and Congress, focusing on the power that each branch wields and how relations between them shape U.S. policy. The class examines cooperation and disputes between Congress and the president on issues such as treaties, the use of military force, trade agreements, and the funding of foreign policy programs. Usually offered every spring.

SIS-684 National Security Policy (3) This survey course covers core concepts and contemporary issues related to U.S. national security policy.

SIS-685 United States-Russian/Eurasian Security Relations (3) An intensive reading, research, and discussion seminar focusing on U.S. relations with Russia, its predecessor, and other Eurasian states as an interaction, stressing the security aspects of that interaction. The primary emphasis is on security relations in the postwar period, 1945 to the present. Two subthemes of the seminar are the role of strategic culture and the dynamics of threats. Usually offered alternate falls.

SIS-686 Proseminar in International Affairs I (3) This course is the first in a two course sequence, designed especially for Master of International Service (MIS) degree candidates. Providing an overview of new developments in international affairs, it connects theory to practice at the executive level in international affairs. Usually offered every fall. *Prerequisite:* admission to MIS program.

SIS-687 Proseminar in International Affairs II (3) This course is the second in a two course sequence, designed especially for Master of International Service (MIS) degree candidates. Focusing on professional strategies for coping with change and professional skills enhancement, the seminar also includes a capstone action research project. Usually offered every spring. *Prerequisite:* admission to MIS program.

SIS-688 Domestic Sources of United States Foreign Policy (3) This course examines how domestic politics affects foreign policy decision-making. Topics include the influence of the media, public opinion and interest groups on the formulation and implementation of foreign policy, importance of foreign policy to a president's popularity and electability, presidential attempts to sell national security issues, the "rally-'round-the flag" phenomenon, obstacles posed by congressional partisan politics, press-government relations in war time, and the politics of military interventions.

SIS-689 Foreign Policy: Theories of Decision Making (3) This seminar examines theories about how states formulate foreign policy. The focus is on the decision-making process, including theories about individual rationality and cognition, information processing, risk taking, group dynamics, and bureaucratic politics, as well as the influence of domestic societal factors. The various theoretical approaches are applied to historical cases of international crises and intelligence failures, drawn primarily but not exclusively from American foreign policy.

SIS-690 Independent Study Project in International Studies (1-6) *Prerequisite:* permission of instructor and SIS graduate studies office.

SIS-691 Internship in International Affairs (1-6) Direct involvement in policy making through participation in a governmental agency or nongovernmental organization. *Prerequisite:* permission of internship coordinator and SIS graduate studies office.

SIS-692 International Internship (3-6) Internships that take place abroad. *Prerequisite:* permission of SIS Study Abroad.

SIS-693 Practicum: Action Research in Development Management (1-6) Action research supervised by a faculty member. This is the capstone activity for MS in Development Management students. The practicum takes place in and with the support of a development organization or a community. Its purpose is to work on a mutually agreed upon and definable task to improve some aspect of the management of the organization or the functioning of the community. The full practicum process involves participation in practicum group meetings; preparation of a series of planning exercises for the practicum; undertaking the practicum; and preparation and presentation of the practicum process report. *Prerequisite:* admission to MS in Development Management program and permission of instructor.

SIS-694 AU-Ritsumeikan Exchange (1-6) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in AU-Ritsumeikan Exchange program. Usually offered every term. *Prerequisite:* permission of SIS dean's office.

SIS-695 Research Seminar and Practicum in International Communication (3) This seminar prepares students to conceptualize, design, and present a substantial research paper (SRP), practicum project, or an academic thesis proposal by providing a comprehensive introduction to social science research methods and approaches applicable to a diverse range of interdisciplinary research interests. The seminar focuses on theory and practice, including hands-on training in research design, and project evaluation to support a SRP, practicum project, or master's thesis. Usually offered every spring.

SIS-697 AU-Korea University Exchange (1-6) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in AU-Korea University Exchange program. Usually offered every term. *Note:* Consult SIS graduate office.

SIS-698 AU-Sciences Po Exchange, Paris (1-6) Topics vary by section, may be repeated for credit with different topic. Course constitutes key element in American University-Sciences Po (Institut d'Etudes Politiques de Paris) exchange program. Usually offered every term. *Note:* Consult SIS graduate office.

SIS-710 Colloquium in International Relations (3) Topics vary by section, may be repeated for credit with different topic. Reading and discussion of literature and ideas in an aspect of the international relations field. Intensive dialogue between faculty members and doctoral students, MA students may be admitted with permission. Preparation for comprehensive examination. Offered irregularly.

SIS-725 Seminar on Law in International Affairs (3) The history and theory of international law, major areas of change in contemporary law, and the role of the practitioner. Research in students' special fields. Usually offered every spring.

SIS-730 Skills Institutes in International Affairs (1) Topics vary by section, may be repeated for credit with different topic. Introduction to a specific technique, approach, or skill used in the field of international affairs, including grant proposal writing, policy brief writing, public speaking, and strategic planning. Usually offered every term. May be taken pass/fail only.

SIS-740 Colloquium in International Communication (3) Intensive dialogue between faculty members and master's students in international communication. Offered irregularly.

SIS-750 Research and Professional Methods in International Affairs (3) Topics vary by section, may be repeated for credit with different topic. Topics cover methods used in the field of international affairs, including policy analysis, program evaluation, qualitative methods, and advanced quantitative methods. Usually offered every term.

SISG-760 International Studies: History, Theory, Practice (3) As befits the complexity of the realm it investigates, international studies is a multifaceted, interdisciplinary field, characterized more by recurrent debates and disagreements than by broadly consensual knowledge. This course begins by introducing three key controversies in the field: whether international politics is inevitably the domain of coercive force; whether actors on the international stage act based on interests or on ideas; and whether the international environment is relatively immutable or is amenable to more or less deliberate efforts to change it. It then explores how those controversies inform a variety of historical cases and contemporary issues. The focus throughout the course is on making explicit the principles and perspectives underlying different and divergent views of international relations, including the principles and perspectives brought to the course by the students themselves.

SISG-761 Intercultural Communication (3) This interdisciplinary course examines the interaction of people across cultures and considers topics such as cross-cultural communication, management and adaptation, intercultural negotiation, and how culture impacts conflict between individuals, cultures, and nations.

SISG-762 Global Governance (3) There exists a group of powerful but incomplete and often flawed institutions, including the World Bank, the United Nations, the International Monetary Fund, the International Criminal Court, the European Union, the African Union, and the North Atlantic Treaty Organization. Other less formal global governance initiatives have also emerged as important factors. Understanding the complex interactions between these initiatives and national governments and individuals is essential to understanding contemporary world politics. This course explores the history, role, and operations of organizations such as these. The course also investigates some of the broad theoretical approaches to studying international organizations and some of the most common critiques of the institutions' legitimacy and effectiveness.

SISG-764 International Economics (3) This course provides students with the tools and insights that economists have developed over the years to answer questions such as how countries exchange wealth in a world with hundreds of currencies; how it is determined if a country is richer or poorer than another; why do countries trade; what are the effects of trade, and many other questions about trade and monetary relations among open economies. It also explores the range of policy choices and the impact of those choices on people, countries, and the global economy.

SIS-770 AU-Pontificia Universidad Javeriana, Colombia (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at Pontificia Universidad Javeriana in Bogota, Colombia. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-771 AU-Koc University, Turkey (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at Koc University in Istanbul, Turkey. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-772 AU-Montpellier University, France (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at Universite Montpellier in France. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-773 AU-Victoria University of Wellington, New Zealand (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at Victoria University of Wellington in New Zealand. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-774 AU-St. Petersburg University, Russia (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at St. Petersburg University, Russia. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-775 AU-Norwegian University of Life Sciences (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at Norwegian University of Life Sciences (UMB) in Aas, Norway. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-776 AU-Freie Universitat, Berlin (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at Freie Universitat, Berlin. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-779 AU-Peking University, Beijing (1-12) Topics vary by section, may be repeated for credit with different topic. Students take courses at Peking University (PKU), Beijing. Usually offered every term. *Prerequisite:* permission of SIS Program Development Office.

SIS-780 Master's International (1-6) For students in the Master's International Peace Corps program. Usually offered every term. *Prerequisite:* permission of SIS Graduate Academic Advising Office.

SIS-790 Doctoral Independent Study in International Relations (1-6) *Prerequisite:* permission of instructor and PhD program director.

SIS-792 Practice of International Relations (3) This learning experience helps students integrate classroom learning about political, economic, and social issues of a specific country into their experiences outside the classroom. Usually offered every summer. *Prerequisite:* permission of SIS International Programs Office.

SIS-793 Practicum in International Affairs (3) Capstone experience for the MA in International Affairs. Usually offered every term. *Prerequisite:* permission of SIS Graduate Advising Office.

SIS-794 Substantial Research Paper with Coursework (3) Substantial research paper in conjunction with any 500-, 600-, or 700-level course in the School of International Service. *Prerequisite:* permission of department.

SIS-795 Master's Research Requirement (1-3)

SIS-797 Master's Thesis Supervision (1-6) May be taken SP/UP only. *Prerequisite:* permission of department.

SIS-799 Dissertation Seminar (1-12) SIS faculty, invited scholars, and doctoral students make formal scholarly presentations. Usually offered every term. *Prerequisite:* matriculation as a doctoral student in residence.

SIS-801 Schools of Thought in International Relations (3) This course provides a rigorous engagement with the main and emerging theories of international relations as well as critiques of those theories, and the different levels of analysis used in studying international relations. Usually offered every fall. *Prerequisite:* admission to the PhD in International Relations.

SIS-802 Comparative Politics (3) This course familiarizes PhD students with a broad selection of the most significant perspectives, theories, and methodologies used in comparative politics. Usually offered every fall. *Prerequisite:* admission to the PhD in International Relations.

SIS-803 Advanced Seminar in International Relations (3) This course provides an in-depth introduction to the main sub-fields in international relations including security, political economy, foreign policy, and international organizations. Usually offered every spring. *Prerequisite:* admission to the PhD in International Relations.

SIS-804 Social Theory in Comparative and International Perspective (3) This course explores theories of social structure, human agency, and power that inform enduring questions of social cohesion: how societies form, hold together, and fall apart. Students consider classical authors, historical approaches, and new theories. Attention is given to the extent to which social theory enriches knowledge of International Relations. Usually offered every spring. *Prerequisite:* admission to the PhD in International Relations.

SIS-806 Quantitative Methods in International Relations (3) This course is an epistemological and methodological survey of quantitative social scientific inquiry. It examines concept construction and measurement in statistical and other research techniques. Emphasis is placed on the analysis of data and substantive interpretation of results. *Prerequisite:* admission to the PhD in International Relations.

SIS-807 Qualitative Methods in International Relations (3) This course covers the history and practice of qualitative methodology. Students learn about the history of qualitative methodology and the ethics of conducting research on human subjects. Students also learn how to do specific qualitative methods, including ethnography, interviewing, discourse analysis, participatory action research, and case study analysis. Each method is learned through a hands-on application. Interdisciplinary in nature, the course also engages students with qualitative research in international studies, geography, anthropology, and sociology, as well as cross-disciplinary work. *Prerequisite:* admission to the PhD in International Relations.

SIS-809 Seminar on Advanced Research Design (3) An overview of social science research methodology issues guiding students in the design of their own research projects. *Prerequisite:* admission to the PhD in International Relations.

SIS-898 Doctoral Continuing Enrollment (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students with permission of program director.

SIS-899 Doctoral Dissertation (1-9) May be taken SP/UP only. *Prerequisite:* doctoral students who have advanced to candidacy with permission of program director.

International Service Study Abroad

Undergraduate Courses

SISA-210 Global Scholars Gateway (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on international studies. Taught at an international university or AU study center abroad. May be taken A-F only. Open only to Global Scholars students.

SISA-211 Topics in Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the study of Africa. Taught at an international university or AU study center abroad. May be taken A-F only.

SISA-212 Topics in East Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the study of East Africa. Taught at an international university or AU study center abroad. May be taken A-F only.

SISA-213 Topics in Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the study of Europe. Taught at an international university or AU study center abroad. May be taken A-F only.

SISA-214 Topics in Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the study of Latin America. Taught at an international university or AU study center abroad. May be taken A-F only.

SISA-215 Topics in Middle East (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the study of the Middle East. Taught at an international university or AU study center abroad. May be taken A-F only.

SISA-216 Topics in Russia/Eurasia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the study of Russia and/or Eurasia. Taught at an international university or AU study center abroad. May be taken A-F only.

SISA-217 Topics in South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the study of South Asia. Taught at an international university or AU study center abroad. May be taken A-F only.

SISA-219 Topics in International Studies (1-6) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on international studies. Taught at an international university or AU study center abroad. May be taken A-F only.

SISA-306 Introduction to International Studies Research (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on international studies research. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206.

SISA-327 Topics in Global Economy: South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on South Asia and address issues of global political economy, international monetary and financial relations, and international trade and investment relations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-220.

SISA-330 Topics in Foreign Policy and National Security (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including U.S. defense politics, transnational security challenges, national security and proliferation, and critical global challenges. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISA-331 Topics in Foreign Policy and National Security: Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on Africa and addressing issues of transnational security challenges, national security and proliferation, and critical global challenges. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISA-332 Topics in Foreign Policy and National Security: East Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on East Asia and addressing issues of transnational security challenges, national security and proliferation, and critical global challenges. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISA-333 Topics in Foreign Policy and National Security: Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on Europe and addressing issues of transnational security challenges, national security and proliferation, and critical global challenges. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISA-334 Topics in Foreign Policy and National Security: Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on Latin America and addressing issues of transnational security challenges, national security and proliferation, and critical global challenges. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISA-335 Topics in Foreign Policy and National Security: Middle East (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on the Middle East and addressing issues of transnational security challenges, national security and proliferation, and critical global challenges. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISA-336 Topics in Foreign Policy and National Security: Russia/Eurasia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on Russia and/or Eurasia and addressing issues of transnational security challenges, national security and proliferation, and critical global challenges. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISA-337 Topics in Foreign Policy and National Security: South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on South Asia and addressing issues of transnational security challenges, national security and proliferation, and critical global challenges. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-230.

SISA-340 Topics in Global Inequality and Development (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including comparative development strategies, community development, and youth and development. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISA-341 Topics in Global Inequality and Development: Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Africa and address issues of comparative development strategies, community development, and youth and development. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISA-342 Topics in Global Inequality and Development: East Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on East Asia and address issues of comparative development strategies, community development, and youth and development. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISA-343 Topics in Global Inequality and Development: Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Europe and address issues of comparative development strategies, community development, and youth and development. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISA-344 Topics in Global Inequality and Development: Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Latin America and address issues of comparative development strategies, community development, and youth and development. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISA-345 Topics in Global Inequality and Development: Middle East (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Middle East and address issues of comparative development strategies, community development, and youth and development. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISA-346 Topics in Global Inequality and Development: Russia/Eurasia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Russia and/or Eurasia and address issues of comparative development strategies, community development, and youth and development. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISA-347 Topics in Global Inequality and Development: South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on South Asia and address issues of comparative development strategies, community development, and youth and development. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-240.

SISA-350 Topics in Environmental Sustainability and Global Health (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISA-351 Topics in Environmental Sustainability and Global Health: Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Africa and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISA-352 Topics in Environmental Sustainability and Global Health: East Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on East Asia and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISA-353 Topics in Environmental Sustainability and Global Health: Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Europe and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISA-354 Topics in Environmental Sustainability and Global Health: Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Latin America and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISA-355 Topics in Environmental Sustainability and Global Health: Middle East (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the Middle East and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISA-356 Topics in Environmental Sustainability and Global Health: Russia/Eurasia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Russia and/or Eurasia and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISA-357 Topics in Environmental Sustainability and Global Health: South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on South Asia and address issues of human geography, politics of population, international environmental politics, health in the developing world, and health communication. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-250.

SISA-360 Topics in Identity, Race, Gender, and Culture (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including race and international relations and cultural diplomacy and international education. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISA-361 Topics in Identity, Race, Gender, and Culture: Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in Africa. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISA-362 Topics in Identity, Race, Gender, and Culture: East Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in East Asia. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISA-363 Topics in Identity, Race, Gender, and Culture: Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in Europe. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISA-364 Topics in Identity, Race, Gender, and Culture: Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in Latin America. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISA-365 Topics in Identity Race Gender Culture: Middle East (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in the Middle East. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISA-366 Topics in Identity, Race, Gender, and Culture: Russia/Eurasia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in Russia and/or Eurasia. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISA-367 Topics in Identity, Race, Gender, and Culture: South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focusing on issues of identity, race, gender, and culture in South Asia. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-260.

SISA-370 Topics in Justice, Ethics, and Human Rights (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including ethics in international affairs, human rights and culture, human rights and the media, and political violence. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISA-371 Topics in Justice, Ethics, and Human Rights: Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Africa and address issues of ethics in international affairs, human rights and culture, human rights and the media, and political violence. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISA-372 Topics in Justice, Ethics, and Human Rights: East Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on East Asia and address issues of ethics in international affairs, human rights and culture, human rights and the media, and political violence. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISA-373 Topics in Justice, Ethics, and Human Rights: Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Europe and address issues of ethics in international affairs, human rights and culture, human rights and the media, and political violence. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISA-374 Topics in Justice, Ethics, and Human Rights: Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Latin America and address issues of ethics in international affairs, human rights and culture, human rights and the media, and political violence. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISA-375 Topics in Justice, Ethics, and Human Rights: Middle East (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Middle East and address issues of ethics in international affairs, human rights and culture, human rights and the media, and political violence. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISA-376 Topics in Justice, Ethics, and Human Rights: Russia/Eurasia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Russia and/or Eurasia and address issues of ethics in international affairs, human rights and culture, human rights and the media, and political violence. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISA-377 Topics in Justice, Ethics, and Human Rights: South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on South Asia and address issues of ethics in international affairs, human rights and culture, human rights and the media, and political violence. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-270.

SISA-380 Topics in Global and Comparative Governance (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics including international law, comparative governing institutions, and leading global organizations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISA-381 Topics in Global and Comparative Governance: Africa (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Africa and address issues of international law, comparative governing institutions, and leading global organizations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISA-382 Topics in Global and Comparative Governance: East Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on East Asia and address issues of international law, comparative governing institutions, and leading global organizations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISA-383 Topics in Global and Comparative Governance: Europe (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Europe and address issues of international law, comparative governing institutions, and leading global organizations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISA-384 Topics in Global and Comparative Governance: Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Latin America and address issues of international law, comparative governing institutions, and leading global organizations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISA-385 Topics in Global and Comparative Governance: Middle East (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on the Middle East and address issues of international law, comparative governing institutions, and leading global organizations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISA-386 Topics in Global and Comparative Governance: Russia/Eurasia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on Russia and/or Eurasia and address issues of international law, comparative governing institutions, and leading global organizations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISA-387 Topics in Global and Comparative Governance: South Asia (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics focus on South Asia and address issues of international law, comparative governing institutions, and leading global organizations. Taught at an international university or AU study center abroad. May be taken A-F only. *Prerequisite:* SISU-206 and SISU-280.

SISA-390 Independent Reading in International Studies (1-6) May be taken A-F only. *Prerequisite:* permission of instructor and SIS undergraduate studies office.

SISA-391 Internship in International Studies (1-6) May be taken A-F only. *Prerequisite:* permission of instructor and SIS undergraduate studies office.

Sociology

Undergraduate Courses

SOCY-100 U.S. Society FA4 (3) American pluralism and the variety of social arrangements and relationships found in the United States society. The emphasis is on how society is stratified; how organizations and institutions influence the way Americans think, talk, feel, and act; and how different groups (racial and ethnic) and divisions (gender and class) within society have differential access to power and privilege. Usually offered every term.

SOCY-110 Views from the Third World FA3 (3) Introduction to the sociology of the Third World through study of the works of its own intellectuals and political leaders. Reflections on Third World societal structures and explanations of dilemmas of development and of strategies for overcoming these dilemmas. The course links texts to their Third World context. Usually offered every term.

SOCY-150 Global Sociology FA4 (3) An introduction to sociology that focuses on the process of global social change as a critical factor in understanding contemporary societies. It emphasizes macrosociology (the study of large organizations and whole societies) and the creation of today's global society, including similarities and differences within it. Two major themes—modernization and globalization—are emphasized and their implications for individuals, groups, communities, societies, and governments are explored. Usually offered every term.

SOCY-205 Diverse and Changing Families FA4 (3) The family as a social institution in a changing society. Social inequalities of class, race, ethnicity, and gender as key factors in shaping diverse forms and experiences in family life. Theoretical and actual alternatives to family patterns as well as the future of the American family. Usually offered every term.

SOCY-210 Power, Privilege, and Inequality FA4 (3) Race, class, gender, sexuality, ability, and age are key factors in systematic marginalization and inequality. This course examines how some people suffer from inequalities while others benefit from them. It explores how power, privilege, and inequality are maintained through a range of social institutions and daily social interactions. It also cultivates intellectual insight and personal agency. Usually offered every term.

SOCY-215 The Rise of Critical Social Thought FA2 (3) Issues about social science as a critical vision of society; imagined social possibilities and their comparison to existing social institutions. Secondary themes are individual development, community, large societal institutions, the effects of industrialism and capitalism, and the limits of social science knowledge as a guide to social planning and social action. Usually offered every term.

SOCY-225 Arab Societies FA3 (3) This course introduces students to the twenty-two nations of the Arab world. Themes covered include popular images in the media, politics, economics, religion, and gender and sexuality. Comparisons between countries, both macro and micro, are emphasized throughout the course. Usually offered every term.

SOCY-235 Gender in Transnational Perspectives FA3 (3) Focusing on Third World women and social change in different cultural contexts and in the global political-economic system, this course emphasizes the centrality of women in the rapidly changing world, particularly in terms of work, distributive justice, development policy, democratization, and the environment. Usually offered every spring.

SOCY-310 Language, Culture, Power (3) This course cultivates insight into the ways that language and representation can (re)produce, maintain, and subvert relations of power, social identities, and social hierarchies. Discussions and readings develop insights into the various ways in which gender, sexuality, race, ethnicity, class, and ability are constructed and contested through systems of language and representation. The course is hands-on and students draw from course readings to examine a range of data including popular film, advertisements, newspaper articles, and social interactions. Usually offered every spring.

SOCY-315 Classical Social Theory (3) Examines the contributions of major thinkers in social theory. Focus on both "classical" thinkers, such as Marx, Durkheim, and Weber, and more contemporary theorists, such as George Herbert Mead, Talcot Parsons, and Simone de Beauvoir. Traces formative influences on existing schools of social theory. Usually offered every term. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150.

SOCY-316 Contemporary Social Theory (3) Focus on contemporary social theories including postmodernism, feminism, neo-functionalism, rational choice, world-systems, and neo-Marxism. Traces relation--continuity and rupture--of current issues to classical traditions and important thinkers in social theory. Emphasis on issues of theory construction, evaluation, and critique. Usually offered every spring. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150.

SOCY-320 Introduction to Social Research (3) An introduction to the major research methods in social science, their links to theory and practice, and their use in research projects. Usually offered every term. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150.

SOCY-321 Sociological Reasoning with Quantitative Data (3) This course introduces the basics of sociological reasoning with quantitative data. In the course, students learn what kinds of sociological questions can be answered with quantitative data, develop a sense of statistical thinking, and gain the ability to conduct basic statistical analysis with SPSS. Usually offered every fall. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150. This course does not satisfy the University Mathematics requirement.

SOCY-322 Qualitative Research Methods (3) This course is an in-depth exploration of qualitative sociological research methods with an emphasis on the particularities of qualitative coding and data analysis. Students learn about interviews, content analysis, participant observation, comparative historical methods, and focus groups through readings and practical exercises. Usually offered every spring. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150.

SOCY-335 Sociology of Birth and Death (3) One of the few common denominators among human beings is that each of us was born into this world and each of us will die. This course examines the sociological dimensions of human "entry and exit." It focuses on how society supports, controls, and constrains our arrival into and departure from the social world. The social, organizational, and cultural dimensions of birth and death are considered in terms of rites of passage, bureaucratization, social movements, cultural differences, and historical and contemporary contexts. Usually offered every fall. *Prerequisite:* SOCY-205 or permission of instructor.

SOCY-340 Israeli Society (3) This course explores the emergence of Israeli society and its changes over time. It reviews Israel's ideological and political foundations, the centrality of immigration, the emergence of Arab minorities and Jewish ethnic divisions, and assesses political, economic, religious, and family patterns within the broader Jewish and Palestinian communities. Usually offered every spring.

SOCY-345 Sociology of North Africa (3) Offered as part of the AU Abroad Morocco: Rabat program, this course is divided into three parts. The first focuses on Maghreb societies in the late nineteenth century, with specific emphasis on Moroccan society and culture and the multifunctional role of kinship and religion. The second is concerned with the study of socioeconomic structures during the colonial era. Finally, the third part focuses on similarities of structures and processes of socioeconomic change in North Africa. Attention is also given to culture and society in Egypt in order to underline similarities and differences with the Mahgreb.

SOCY-350 Social Problems in a Changing World (3) Sociological perspectives on the construction of social problems in a changing world. Focus on analysis of contrasting views and solutions for such conditions as global inequality, environmental degradation, population growth, inequalities based on economic class, race, gender, sexual orientation, and age, and institutional crises involving families, education, health care, crime, and justice. Usually offered every fall. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150.

SOCY-351 Race and Ethnic Conflict: Global Perspectives (3) A focus on what happens when divergent types of persons experience social contact. Racial, ethnic, tribal, national, and religious interactions throughout the world. The processes include conflict, amalgamation, acculturation, assimilation, prejudice, and discrimination. Usually offered every fall. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150.

SOCY-352 Women, Men, and Social Change (3) Focuses on gender as a basic organizational principle of social life in order to study the social construction of gender and how gender relationships are transformed in the process of social change. The course examines how race, class, and gender interact with culture in shaping the lives, social positions and relationships of diverse kinds of women and men in a changing world. Usually offered every spring.

SOCY-354 White Privilege and Social Justice (3) This course considers the social, legal, and media constructions of white racial identities in relation to issues of racial justice. It examines how white privilege intersects with gender, class, and sexuality. Students develop skills for multicultural alliances and strategies for antiracist activism. Usually offered every fall.

SOCY-367 Sociology of the City (3) The transition to a post-industrial society has led to a dramatic socio-political restructuring of major cities into complex systems of urban-suburban metropolises. Regional, national, and international forces are responsible for the contemporary growth and economic prosperity of suburban "edge" cities and the concentration of poverty and racial-ethnic/national minorities in the central city. This course explores the emerging international hierarchy of "global cities" with the socio-spatial patterns of inequality and political conflict. Usually offered every spring. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150.

SOCY-370 Power, Politics and Society (3) Political sociology in a comparative global perspective including the role and functions of the state; relative state autonomy; state legitimacy; forms of democracy and democratization processes; state and civil society; political ideology and culture; and ethnicity, nationalism, and the state. Usually offered alternate springs. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150.

SOCY-389 Society and the Global Environment (3) Exploration into the relationship between social groups and the physical environment. Focus on the actions and reactions of public and policy groups in identifying and coping with environmental problems. Analysis of specific socio-environmental problems and the roles and methods of social scientists and others in social-impact assessment and social change. Usually offered every spring. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150 or ENVS-250.

SOCY-390 Independent Reading Course in Sociology (1-6)

Prerequisite: permission of instructor and department chair.

SOCY-490 Independent Study Project in Sociology (1-6)

Prerequisite: permission of instructor and department chair.

SOCY-491 Internship (1-6) Internship in social service, social change, and social research agencies. *Prerequisite:* SOCY-100 or SOCY-110 or SOCY-150 (internships in social research agencies require SOCY-320), and permission of departmental internship advisor and Career Center.

SOCY-492 Major Seminar in Sociology (3) This seminar serves as the capstone course for sociology majors and builds on all previous coursework in sociology. The class operates as a joint intellectual workshop in which students discuss and share ideas as they conduct original research culminating in a final thesis or project. Usually offered every spring. *Prerequisite:* sociology major with senior standing.

SOCY-498, SOCY-499 Honors: Senior Year (1-6) *Prerequisite:* permission of department and University Honors program.

Graduate and Advanced Undergraduate Courses

SOCY-515 Population Processes (3) Analysis of changing population dynamics across societies over time. This course considers the development of national populations that result from fertility, mortality, and migration patterns and how these population processes relate to social and economic developments in those societies. Demographic, sociological, and public health-oriented methods to study these processes are discussed and compared. Usually offered alternate springs. *Prerequisite:* graduate standing or three courses in sociology.

SOCY-525 Social Advocacy and Social Change (3) Examines social change methods and mobilizing successful movements for social change: defining issues, forming constituencies, recruitment, choosing goals and strategies, criteria for choosing tactics, fundraising and resource mobilization, grassroots leadership development, handling the media, legislative coalitions and judicial remedies. Usually offered every spring. *Prerequisite:* graduate standing or three courses in sociology.

SOCY-530 Social Movements and Social Change (3) This course explores the social and cultural dynamics of social movements from a transnational perspective. The focus is both theoretical and empirical. Students gain in-depth knowledge of how social movements create or resist social change and learn about social movements through analysis of specific empirical cases. Usually offered every fall. *Prerequisite:* graduate standing or three courses in sociology.

SOCY-531 Transnational Reach (3) Topics vary by section, may be repeated for credit with different topic. This course examines the impact of transnationalism, whether corporate, migrant, governmental and/or other transnational process, on people's everyday lives in a specific area of the world, including Latin America, the Arab world, and Africa. The course encourages application of sociological knowledge to societies beyond the United States in order consider the relevance of sociological theories elsewhere in the world and develop a deeper understanding of other societies. Usually offered alternate falls. *Prerequisite:* graduate standing or three courses in sociology.

SOCY-550 Sociology of Poverty and Wealth (3) A broad view of the varied sociological approaches to socio-economic stratification considered in terms of domestic, comparative-historical and international dimensions. Explores the functionalist, conflict and elite theories, methodologies of stratification, and the issues of social mobility, poverty and the welfare state. Investigates class formation and the social consequences of stratification on the individual, group and society. Usually offered every spring. *Prerequisite:* graduate standing or three courses in sociology.

SOCY-551 Sociology of Latino Studies (3) Focusing on Latino populations and on Latino studies as an emergent field of study, this course references U.S. Latino populations as border populations, crossing over U.S./Latin American imaginaries. The "Latino" category helps problematize ethnic/racial categories, becoming a method of hybridity discussions. Though interdisciplinary, the course has a strong sociological foundation. Usually offered every spring. *Prerequisite:* three courses in sociology including SOCY-210, SOCY-351, or SOCY-354; or graduate standing.

SOCY-552 Sociology of Popular Culture (3) Popular culture is an increasingly central part of people's lives. This course acquaints students with major sociological theories of popular culture and applies them to areas including music, films, mass media, race, identity, novels, love, and sex. Usually offered every fall. *Prerequisite:* graduate standing or three courses in sociology.

SOCY-553 Intersectionality: Theory and Research (3) This course examines intersectionality as both an analytical tool and a conceptual framing that has developed into a broad web of theoretical and empirical work examining how race, class, and gender interact in meaningful and complex ways. The focus includes important methodological assumptions and complications of intersectionality, as well as contemporary challenges such as the discussions of positionalities ignored in initial framings of intersectionality, including age, disability, and sexuality. Usually offered alternate springs. *Prerequisite:* three courses in sociology including SOCY-210, SOCY-351, or SOCY-354; or graduate standing.

SOCY-570 Sociology of Gender and Family (3) The study of gender and family as basic principles of the social order and primary social categories. Introduces students to the theories, data sources and applications of family structures and gender relationships in the United States and cross-culturally. Usually offered every fall. *Prerequisite:* graduate standing or three courses in sociology.

SOCY-580 Social Policy Analysis (3) Examines the variety of conceptual frames that social scientists use in analyzing social policies and provides a basis for their selection. A second part deals with the detailed analysis of case studies and introduces practitioners who contributed to them. Usually offered every fall. *Prerequisite:* graduate standing or three courses in sociology.

SOCY-590 Independent Reading Course in Sociology (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

SOCY-610 History of Sociological Theory (3) Comparative study of major theorists in the nineteenth and twentieth centuries. Usually offered every fall.

SOCY-611 Sociological Theory (3) An overview of major classical through contemporary theories. Problems of theory construction. Areas of focus vary according to the expertise of the instructor. Usually offered every fall.

SOCY-620 Social Research Methods (3) Focuses on both qualitative and quantitative data collection. Emphasizes research practice, formulation and specification of research questions, ethics, development of research designs, fieldwork, interviewing, coding, measurement, and questionnaire design. Usually offered every fall.

SOCY-621 Quantitative Analysis (3) This course focuses on data analysis of categorical and survey data including percentage tables and measures of association; analysis of continuous data using regression models; includes dummy variable, graphical tools, and assessment of supporting diagnostics. Usually offered every spring.

SOCY-623 Qualitative Research (3) This course provides training in qualitative research that begins with issues of qualitative epistemologies and methodologies and includes a range of research methods. Students also gain experience in research design as well as in the collection, management, and analysis of qualitative data. Usually offered every fall.

SOCY-635 Social Inequalities and Social Justice (3) This seminar explores the social construction and institutionalization of social inequalities; the historical, economic, and political roots of social inequalities; the ideologies and discourses that buttress and challenge power relations; and advocacy and activism for transformative social change. Usually offered alternate springs.

SOCY-640 Israeli Society (3) This course explores the emergence of Israeli society and its changes over time. It reviews Israel's ideological and political foundations, the centrality of immigration, the emergence of Arab minorities and Jewish ethnic divisions, and assesses political, economic, religious, and family patterns within the broader Jewish and Palestinian communities. Usually offered every spring.

SOCY-655 Language Discourse and Society (3) This course has a specific focus on the politics of representation, the cultural struggles over how events, processes, institutions, and people are to be understood. Students learn contemporary theories and methods for understanding systems of signification in the production, maintenance, and subversion of historical relations of power. By using key concepts to examine data drawn from sources such as old and new media, interviews, advertisements, cultural artifacts, and social interaction, students cultivate nuanced understandings of the course readings. Usually offered alternate falls.

SOCY-669 Gender, Sexuality, and Migration (3) This course is centered on the uses of gender and sexuality in studying migration patterns, immigration policies, and the personal meanings given to these by individuals. The class interrogates the use of gender and sexuality in studying (im)migration patterns and policies and unpacks the relationship between gender and sexuality by looking at various migrations, or movements, between the categories themselves, and also through specific cases of the relationship to citizenship and the state to that of (im)migration and racialization. Usually offered alternate falls.

SOCY-684 Seminar in Public Sociology (3) Students review and analyze how well-known sociologists participate in public discourse through theoretically-grounded debate on pressing social issues; gain appreciation of sociology's application to the public sphere; experience first-hand involvement in civic discourse on policy and the antecedent factors underlying social problems, and participate in constructing and evaluating social theories to inform civic discourse. Usually offered every fall.

SOCY-689 Environmental Sociology (3) Exploration into the relationship between social groups and the physical environment. Focus on the actions and reactions of public and policy groups in identifying and coping with natural and technological problems. Analysis of specific socio-environmental problems and the roles and methods of social scientists and others in social-impact assessment and social change. Usually offered alternate springs.

SOCY-690 Independent Study Project in Sociology (1-6) *Prerequisite:* permission of instructor and department chair.

SOCY-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

SOCY-695 Internship Seminar in Public Sociology (3) Students share and discuss internship experiences. They gain an understanding of the sociological skill set applied to career opportunities and the challenges sociologists confront as they work with non-academic audiences such as policy analysts, business persons, government and nonprofit leaders, and applied social scientists, as well as issues faced by organizational leaders in funding, political controversy, organizational politics, and competition among nonprofit and/or governmental agencies. Usually offered every spring.

SOCY-795 Master's Research: Independent Study in Sociology (3) Directed research under the supervision of a faculty member selected by the student. Preparation of a substantial research report on a topic related to the student's field of concentration. *Prerequisite:* permission of instructor.

SOCY-797 Master's Thesis Research (1-6) May be taken SP/UP only. *Prerequisite:* permission of department.

Statistics

Note: Students should consult the department for advice and placement testing for appropriate mathematics and statistics courses.

Undergraduate Courses

STAT-202 Basic Statistics (4) Data presentation, display, and summary, averages, dispersion, simple linear regression, and correlation, probability, sampling distributions, confidence intervals, and tests of significance. Use of statistical software both to analyze real data and to demonstrate and explore concepts. Usually offered every term. *Prerequisite:* MATH-15x or higher or permission of department.

492 Course Descriptions

STAT-203 Basic Statistics with Calculus (4) A calculus-based introduction to basic statistics including data presentation, display and summary, correlation, development of least squares regression models, probability, independence, probability density functions, moments, use of moment generating functions, sampling distributions, confidence intervals, and tests of significance. Concepts are explored through simulation and the use of the calculus tools of finding maxima and minima of a function and the area under a curve. Usually offered every term. *Prerequisite:* MATH-221 or one semester of calculus.

STAT-302 Intermediate Statistics (3) Methods include techniques for estimation and inference with qualitative and quantitative data focusing on simple linear and multiple regression, correlation, logistic regression, and analysis of variance. Usually offered every term. *Prerequisite:* STAT-202 or STAT-203 with a grade of C or higher, or permission of department. *Note:* Students may not receive credit for STAT-302 and STAT-514.

STAT-320 Biostatistics (3) This course examines how statistical methods are utilized within the fields of biology, medicine, and public health. Advanced statistical methods, including ANOVA, multiple regression, analysis of covariance, survival analysis, and nonparametric methods are discussed, with emphasis on their applicability to public health. Usually offered every spring. *Prerequisite:* STAT-202 or STAT-203.

STAT-390 Independent Reading Course in Statistics (1-6) *Prerequisite:* permission of instructor and department chair.

STAT-490 Independent Study Project in Statistics (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate and Advanced Undergraduate Courses

STAT-502 Introduction to Mathematical Statistics (3) Probability, probability distributions, sampling, sampling distributions, and introduction to the theory of point estimation and statistical inference, including confidence intervals and hypothesis testing. Usually offered every spring. *Prerequisite:* MATH-501 or permission of instructor.

STAT-510 Introduction to Survey Sampling (3) This course introduces the basic approaches to surveys, including simple random, systematic, and stratified sampling. Also included is the design of questionnaires and the analysis of sample data. Emphasis is on the practical application of sampling. Usually offered alternate falls. *Prerequisite:* STAT-202 or STAT-203 or STAT-514, or equivalent, or permission of instructor.

STAT-511 Theory of Sampling (3) This course covers the mathematical development of the principles of survey design, including methods for determining expected value, bias, variance, and mean square error; simple random, systematic, stratified, cluster, multi-stage, and double sampling; unbiased, ratio, regression and composite estimation; measurement error; and comparison of alternative designs. Usually offered alternate springs. *Prerequisite:* STAT-502 and STAT-510, or equivalent, or permission of instructor.

STAT-514 Statistical Methods (3) Averages, dispersion, probability, sampling, and approach to normality; simple and multiple regression; tests and confidence intervals for means, proportions, differences, and regression coefficients; nonparametric statistics; and analysis of variance. Usually offered every term. *Prerequisite:* STAT-202 or STAT-203 or equivalent. *Note:* Does not carry credit for graduate programs in mathematics or statistics; students may not receive credit for STAT-514 and STAT-302.

STAT-515 Regression (3) Simple and multiple regression, least squares, curve fitting, graphic techniques, and tests and confidence intervals for regression coefficients. Usually offered every fall and summer. *Prerequisite:* STAT-302 or STAT-514 or equivalent.

STAT-516 Design of Experiments (3) Design and analysis of the results of balanced experiments, simple analysis of variance, components of variance, analysis of covariance, and related subjects. Usually offered every spring. *Prerequisite:* STAT-302 or STAT-514 or equivalent.

STAT-517 Special Topics in Statistical Methodology (3) Topics vary by section, may be repeated for credit with different topic. Alternating topics in statistics from an applied viewpoint. Topics include sampling, multivariate techniques, factor analysis, and time series. Usually offered alternate summers (odd years). *Prerequisite:* STAT-302 or STAT-514 or equivalent.

STAT-519 Nonparametric Statistics (3) Application of nonparametric techniques in the analysis of social-science data, with emphasis on tests appropriate for data having interval, nominal, and ordinal scales. Usually offered alternate falls (even years). *Prerequisite:* STAT-302 or STAT-514 or equivalent.

STAT-520 Applied Multivariate Analysis (3) Introduction to multivariate analysis emphasizing statistical applications. Includes matrix theory, multivariate distributions, tests of hypotheses, multivariate analysis of variance, principal components, discriminant analysis, canonical correlation, multivariate regression, and related subjects. Usually offered alternate falls (odd years). *Prerequisite:* STAT-302 or STAT-514 or equivalent.

STAT-521 Analysis of Categorical Data (3) Chi-square tests, contingency tables (2×2 , $r \times c$, and multidimensional), loglinear models, and other special models. Usually offered alternate springs (even years). *Prerequisite:* STAT-302 or STAT-514 or equivalent.

STAT-522 Time-Series Analysis (3) An introduction to the theory of time-dependent data. The analysis includes modeling, estimation, and testing of data in the time domain using autoregressive and moving average models. Usually offered alternate springs (odd years). *Prerequisite:* STAT-515 or STAT-520 or permission of instructor.

STAT-524 Data Analysis (3) An introduction to exploratory data analysis and modeling, using the statistical package R, including data structures, graphics, and function programming. Usually offered every spring. *Prerequisite:* STAT-515 or STAT-520 or equivalent.

STAT-525 Statistical Software (3) Introduction to the use of the SAS language to prepare, modify, and analyze data, interpret output and final preparation of results. Emphasis on practical programming principles and use of built-in procedures. Comparisons with other programming languages. Usually offered every fall. *Prerequisite:* STAT-514 or two statistics courses, or permission of instructor.

STAT-530 Mathematical Statistics I (3) Probability, random variables, probability distributions and functions of random variables, generating functions, order statistics, the theory of point estimation, (maximum likelihood, minimum variance unbiased estimators, confidence intervals), and theory of hypothesis testing (Neyman-Pearson, likelihood ratio, etc.). Usually offered every fall. *Prerequisite:* MATH-310, MATH-313, and STAT-502 or equivalent.

STAT-531 Mathematical Statistics II (3) Probability, random variables, probability distributions and functions of random variables, generating functions, order statistics, the theory of point estimation, (maximum likelihood, minimum variance unbiased estimators, confidence intervals), and theory of hypothesis testing (Neyman-Pearson, likelihood ratio, etc.). Usually offered every spring. *Prerequisite:* STAT-530 or equivalent.

STAT-584 Introduction to Stochastic Processes (3) Introduction to random walks, Markov chains and processes, Poisson processes, recurrent events, birth and death processes, and related subjects. Usually offered alternate springs. *Prerequisite:* MATH-501 or STAT-530.

STAT-590 Independent Reading Course in Statistics (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

STAT-600 Advanced Mathematical Statistics (3) Theory of estimation, properties of estimators, large-sample properties and techniques, and applications. Usually offered every fall. *Prerequisite:* STAT-531.

STAT-601 Topics in Advanced Probability and Statistics (3) Topics vary by section, may be repeated for credit with different topic. Mathematical foundations of statistical theory. Special topics in probability and mathematical statistics. Usually offered alternate springs (odd years). *Prerequisite:* permission of instructor.

STAT-610 Statistical Inference: Estimation (3) The mathematical foundations of statistical inference; the Theory of Estimation including minimum risk-, Bayes-, minimax-, and equivariant estimation; decision theory; and large sample behavior. Usually offered alternate falls (even years). *Prerequisite:* STAT-600.

STAT-616 Generalized Linear Models (3) Extension of regression methodology to more general settings where standard assumptions for ordinary least squares are violated. Generalized least squares, robust regression, bootstrap, regression in the presence of auto-correlated errors, generalized linear models, logistic and Poisson regression. Usually offered every spring. *Prerequisite:* STAT-515 and a course in calculus.

STAT-690 Independent Study Project in Statistics (1-6) *Prerequisite:* permission of instructor and department chair.

STAT-691 Internship in Statistics (1-6) Individual placement and supervision in an approved organization involving statistical analysis, methodology, or theory. *Prerequisite:* permission of instructor and department chair.

STAT-797 Master's Thesis Research (1-6) May be taken SP/UP only.

STAT-798 Statistical Research and Consulting (1) Topics vary by section, may be repeated for credit with different topic. Topics chosen from recent research in statistics. Through written reviews and oral presentations, students investigate advances in statistical theory and applications in recent journals. Through interaction with other departments, students learn to formulate statistically problems expressed in the language of another discipline and interact in a consulting role with researchers outside of statistics. Usually offered every fall. *Prerequisite:* permission of department.

TESOL (Teaching English to Speakers of Other Languages)

Graduate and Advanced Undergraduate Courses

TESL-500 Principles of Linguistics (3) Introduction to scientific study of language with emphasis on current linguistic trends. Foundations for further study in linguistics and methodology of language teaching. Usually offered every term.

TESL-501 English Language Teaching I (3) Introduction to theories and principles of English language teaching, language acquisition, and a review of various methods and approaches used in language teaching, leading to an understanding of the development of the communicative approach. Provides opportunities for peer teaching and requires observation of English language classes, along with tutoring or teaching of English to non-native speakers. Usually offered every fall and summer.

TESL-502 English Language Teaching II (3) Focuses on evaluation and development of lesson plans and teaching materials designed to teach grammar, language functions, speaking, reading, listening, and writing skills within a communicative approach. Also addresses various aspects of classroom management. Provides opportunities for peer teaching and requires observation of English language classes, along with tutoring or teaching of English to non-native speakers. Usually offered every spring and summer. *Prerequisite:* TESL-501 or permission of instructor.

TESL-503 Structure of English (3) Explores the complexities of spelling and word formation, grammatical structure, and semantic relations in English. Various approaches to grammatical analysis are covered, but the emphasis is on developing the practical foundations necessary for effective teaching, rather than on theoretical models. Usually offered every spring. *Prerequisite:* TESL-500.

TESL-522 Language Acquisition (3) How and why do children learn language? Investigates language acquisition during the first five years (both speech and the rudiments of literacy). Major themes include the dynamics of the "language duet" between children and adults, variation across children, bilingualism, and the emergence of language awareness. Usually offered alternate falls.

TESL-523 Second Language Acquisition (3) Theories of second language acquisition and how they relate to trends in society and in education and related disciplines. Current theory in cognitive and affective domains as it relates to second-language learning. Usually offered every spring and summer.

TESL-524 Reading and Writing in the ESL/EFL Classroom

(3) Introduction to theories of how we read and write as well as the instruction of these skills. The major focus is on practical approaches to teaching reading and writing skills to varied student populations, including children in public schools, young adults in pre-academic learning environments, and literacy-challenged adults in adult education programs. Usually offered every spring and summer.

TESL-527 Cultural Issues in the ESL/EFL Classroom (3)

Coverage of the principles of intercultural communication and discourse-oriented models for analyzing cross-cultural interactions. Within this framework, the course considers approaches to enhancing the cultural dimension of ESL/EFL instruction with an emphasis on using and developing various types of cultural training techniques. Usually offered every spring and summer.

TESL-528 Foundations of Bilingual Education (3) Language acquisition, use, and competency in a bilingual setting, and the general goal of bilingual education. Usually offered every third semester. *Prerequisite:* permission of instructor.

TESL-531 Language Assessment (3) This course focuses on the process of testing/assessing students' language proficiency with respect to different language skills in the language classroom and the steps involved in this process. A practical approach provides opportunities for evaluating existing tests and assessment procedures, designing test/assessment instruments, scoring/evaluating language tests, and exploring dilemmas inherent in assessment. Usually offered every fall.

TESL-541 Teaching Grammar (3) The functions that grammar fulfills in oral and written communication. Teaching the structures of grammar within a communicative framework in meaningful, authentic lessons, and the design of effective teaching materials. Usually offered every fall. *Prerequisite:* TESL-501 and TESL-503, or permission of instructor.

TESL-542 Teaching Pronunciation: Theory and Practice (3)

An introduction to the formal analysis of phonetics and phonology with techniques for incorporating these into practical classroom instruction. An emphasis on problem-solving strategies with respect to data, and on effective low-cost techniques for instruction. Usually offered every spring. *Prerequisite:* TESL-500.

TESL-545 Curriculum and Materials Design (3)

A needs-based, learning-centered approach to designing ESL or EFL courses, from creating and structuring curriculum to materials design, with emphasis on planning blocks of instruction larger than lesson plans. Students propose and design a curriculum for an actual learner audience of their choice through needs assessment, identification of curricular goals and course objectives, content sequencing and planning, and course evaluation. Usually offered every fall. *Prerequisite:* TESL-501.

TESL-554 Technology for Language Learning and Teaching

(3) An introduction to the use of technology for foreign/second language teaching in a variety of educational contexts. Includes exploration of new media technologies, such as wikis, online course management systems (CMS), and digital stories, as well as the use of Internet-based resources and software in both high- and low-tech teaching environments. *Prerequisite:* basic computer skills and TESL-501, or permission of instructor.

TESL-560 TESOL Topics (1-3) Topics vary by section, may be repeated for credit with different topic. Topics include teaching pronunciation, the lexical approach to language teaching, learning disabilities in the ELT classroom, EFL methodology, and multi-level/multicultural classrooms. Usually offered every term.

TESL-590 Independent Reading Course (1-6) *Prerequisite:* permission of instructor and department chair.

Graduate Courses

TESL-620 English Language Teaching III (3) Focuses on honing teaching skills and theoretical knowledge developed through the TESOL program. Issues of classroom management, effective structuring of classroom discourse, lesson planning, and diagnosing and responding to learner needs are all addressed. Students engage in field experience (observation and teaching), peer teaching and review, and self-reflection on previous teaching and learning experiences with the goal of developing effective teaching practices. Usually offered every fall. *Prerequisite:* TESL-501 and TESL-502.

TESL-690 Independent Study Project (1-6) *Prerequisite:* permission of instructor and department chair.

TESL-691 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

TESL-693 AU/Peace Corps Internship (6) For students in the MA in TESOL AU/Peace Corps program. *Prerequisite:* permission of program director.

TESL-797 Master's Thesis Research (1-6) For students in the MA in TESOL program pursuing the thesis option. May be taken SP/UP only. *Prerequisite:* permission of program director.

Undergraduate Studies

Undergraduate Courses

UGST-100 Career Exploration and Development (1) This course gives students an introduction to the career development process, from career exploration through self marketing to find a job. Through self assessment, exploration, and reflection, students refine and identify potential career interests, and gain an understanding of how their major links to careers, as well as an increased awareness of their own skills. The course emphasizes that career planning is not an event in time but rather an ongoing lifelong process.

Women's, Gender, and Sexuality Studies

Undergraduate Courses

WGSS-125 Gender in Society FA4 (3) This course focuses on the social construction of gender along with other forms of social inequality; representations of gender that permeate all forms of cultural experience; and theoretical arguments regarding key issues such as equality, ethics and politics, as well as debates at the frontier of gender theory. Usually offered every fall.

WGSS-150 Women's Voices through Time FA2 (3) This course focuses on distinctive contributions of women to Western artistic and intellectual traditions; significant articulations of human experience expressed by women through literature, art, and history; how such traditions became established; and how women, despite obstacles, have produced lasting works of ideas and imagination. Usually offered every spring.

WGSS-225 Gender, Politics, and Power FA4 (3) This course explores the ways in which the social and cultural construction of sexual difference influences the nature and practice of political life over time and in a variety of countries. It examines the ways in which power is gendered and studies how gender has served as a basis for political organization and a critique of public life. Usually offered every fall.

WGSS-240 Sexualities Studies FA4 (3) This course explores the history of the formation of categories of analysis, such as sex, gender, and sexuality/desire, in relationship to fields of knowledge production about sexuality. The course considers the significance of the field of sexuality studies emergent in the United States, and the relationship of sexuality, something commonly thought of as intimate, to the realm of the institutional, discursive, and policy, that is, the social. Usually offered every spring.

WGSS-340 Introduction to Queer Studies (3) This course considers the theoretical influences/critical thinking about sex, gender, and sexuality. It maps a trajectory from feminist and feminist of color critiques to current queer theoretical approaches, assuming the term queer as both a destabilizer of identities as well as a contemporary framework for thinking critically about gender and desire. Usually offered every fall. *Prerequisite:* WGSS-240.

WGSS-350 Interpreting Gender in Culture (3) Topics vary by section, may be repeated for credit with different topic. An exploration of diverse aspects of gender experience from different disciplinary perspectives. Rotating topics focus on specific subjects, integrating recent scholarship and interdisciplinary contexts. Representative topics include gender and violence, gay and lesbian documentary, masculinities, and international feminisms.

WGSS-400 Feminist, Gender, and Sexuality Theory (3) Examines theories of gender and sexuality as constructed or problematic, not natural or immutable. Surveys the historic development of theories of women's inequality and strategies for changes. Probes contemporary issues and conflicts within feminist, gender, and sexuality theory. Theorizes gender relations in students' own lives. Forges understandings across divisions of race, class, nationality, ability, sexualities, and sexual orientation. Usually offered every spring. *Prerequisite:* WGSS-125 and one other WGSS course, or permission of director.

WGSS-490 Independent Study Project in Women's, Gender, and Sexuality Studies (1-6) *Prerequisite:* permission of instructor and program director.

WGSS-491 Internship in Women's, Gender, and Sexuality Studies (1-6) *Prerequisite:* WGSS-125 and permission of instructor and program director.

WGSS-498 Senior Honors Project in Women's, Gender, and Sexuality Studies (3) *Prerequisite:* WGSS-500.

Graduate and Advanced Undergraduate Courses

WGSS-500 Current Issues and Research in Women's, Gender, and Sexuality Studies (3) This course focuses on philosophies, methods, and theories entailed in doing scholarly work in women's, gender, and sexuality studies. The course entails close examination of selected current works in the discipline; collaborative work developing bibliographies and designing research activities; and individual work in the field. Usually offered every fall. *Prerequisite:* WGSS-400 or permission of program director.

WGSS-590 Independent Reading Course in Women's, Gender, and Sexuality Studies (1-6) *Prerequisite:* permission of instructor and program director.

Graduate Courses

WGSS-600 Feminist, Gender, and Sexuality Theory (3) Examines theories of gender and sexuality as constructed or problematic, not natural or immutable. Surveys the historic development of theories of women's inequality and strategies for changes. Probes contemporary issues and conflicts within feminist, gender, and sexuality theory. Theorizes gender relations in students' own lives. Forges understandings across divisions of race, class, nationality, ability, sexualities, and sexual orientation. Usually offered every spring.

WGSS-690 Independent Study Project in Women's, Gender, and Sexuality Studies (1-6) *Prerequisite:* permission of instructor and program director.

WGSS-691 Internship in Women's, Gender, and Sexuality Studies (1-6) *Prerequisite:* permission of instructor and program director.

World Languages and Cultures

COURSES BY LANGUAGE

Note: Students with three years of high school preparation in a language normally register for 200-level courses. Students with four years of high school preparation normally register for 300-level courses.

ARABIC

ARAB-102 Arabic Elementary I (5) Introduction to modern standard Arabic used in formal situations, meetings, instruction in schools and universities around the Arab world, and the media. The phonology and script of the language, important syntactic structures, morphology, understanding simple material including frequent structural patterns and vocabulary. Usually offered every fall.

ARAB-103 Arabic Elementary II (5) Continuation of ARAB-102. Usually offered every spring. *Prerequisite:* ARAB-102 or equivalent.

ARAB-106 First Level Arabic (4) Offered through AU Abroad programs in Cairo and Rabat. This course introduces the Arabic alphabet and sound system forms. Students start developing their vocabulary via specific structures presented in the textbook. They learn simple grammatical structures and listen to authentic and instructional materials that come with the textbook. Course exercises and activities are task-based and student-centered. Students learn to distinguish and produce the elements of the sound and writing systems of Arabic; successfully use formulaic and functional phrases; follow and extract the gist of short written and spoken texts in the news; learn aspects of Arabic culture useful in daily life; and produce basic formulaic speech in conversations in appropriate contexts.

ARAB-116 Colloquial Moroccan Arabic (3) Offered as part of the AU Abroad program in Rabat, Morocco. Moroccan Arabic is a blend of Arabic, Spanish, and French. It is regarded as a dialect, and generally not written. This elementary-level course covers basic functions and survival situations. Usually offered every term.

ARAB-202 Arabic Intermediate I (5) Further practice in conversation; acquisition of new grammatical structures and vocabulary. Includes cultural subjects related to customs, history, geography, and literature. Usually offered every fall. *Prerequisite:* ARAB-103 or equivalent.

ARAB-203 Arabic Intermediate II (5) Continuation of ARAB-202. Usually offered every spring. *Prerequisite:* ARAB-202 or equivalent.

ARAB-206 Second Level Arabic (4) Offered through AU Abroad programs in Cairo and Rabat. This course consolidates material learned in first level Arabic and introduces students to more advanced and more challenging linguistic and cultural material. Students learn to successfully manage in Arabic, using basic sentence patterns, basic conversational tasks in different social situations; describe physical entities in simple sentences; and extract essential information on familiar topics from simple texts. *Prerequisite:* ARAB-102 or ARAB-106 or equivalent.

ARAB-302 Advanced Arabic I (4) This course introduces elements in the more advanced grammatical structures of Modern Standard Arabic (MSA) using a functional approach, and helps students develop skills in literary genres necessary for understanding authentic readings and discourse. Promotes the active use of MSA by using literary and culturally authentic selections of texts. Emphasis is on the development of effective application of thematic contexts from readings, and developing accuracy in written and oral communication. The course reviews and reinforces previously acquired grammatical structures, and expands vocabulary through extensive practice and analysis of MSA style from literary, political, social, and economic aspects of Arab culture and language. *Prerequisite:* ARAB-203 or equivalent.

ARAB-303 Advanced Arabic II (4) Continuation of ARAB-302. *Prerequisite:* ARAB-302 or equivalent.

ARAB-304 Levantine Colloquial Arabic I (4) This course introduces students to Levantine Colloquial Arabic, focusing on the development of speaking and listening skills in the Palestinian dialect, while building proficiency in the fundamental grammatical structures of the language. Given its central geographic location, the Palestinian dialect (closely related to the Syrian, Lebanese, and Jordanian dialects) is understood throughout the Arabic-speaking Middle East. Usually offered every fall. *Prerequisite:* ARAB-203 or equivalent.

ARAB-305 Levantine Colloquial Arabic II (4) This course is a continuation of ARAB-304, focusing on the further development of speaking and listening skills in the Palestinian dialect, while building proficiency in the fundamental grammatical structures of the language. Given its central geographic location, the Palestinian dialect (closely related to the Syrian, Lebanese, and Jordanian dialects) is understood throughout the Arabic-speaking Middle East. Usually offered every spring. *Prerequisite:* ARAB-304 or equivalent.

ARAB-306 Third Level Arabic I (4) Offered through AU Abroad programs in Cairo and Rabat. This course reinforces linguistic skills at both the reception and production levels. Students learn to use basic conversational tasks successfully in different social situations; understand and use basic grammatical rules; read mid-size texts; extract the main ideas of non-technical texts and video materials and be able to discuss important ideas; develop

conversational skills using a variety of language functions; engage in a variety of daily conversations; and give short presentations on topics of interest. *Prerequisite:* ARAB-203 or ARAB-206 or equivalent.

ARAB-307 Third Level Arabic II (4) Offered through AU Abroad programs in Cairo and Rabat. Continuation of ARAB-306. Students perform linguistic tasks successfully, gaining self-confidence, and expanding their risk-taking in real-life communicative situations. They learn to guess the meaning of new words from contexts; write short paragraphs correctly; read authentic material from Arabic advertisements, short narratives, descriptions of people and places, simple contemporary poetry, topics on Arab culture, etc.; write informal and formal letters; and write medium length compositions on familiar topics, including descriptions and short narratives. *Prerequisite:* ARAB-302 or ARAB-306 or equivalent.

ARAB-390 Independent Reading in Arabic (1-6) *Prerequisite:* permission of instructor and department chair.

ARAB-406 Fourth Level Arabic A (4) Offered through AU Abroad programs in Cairo and Rabat. This course is designed to move learners from a stage where they have achieved the basic grammatical skills, to being able to use language in a wider cultural context. The course addresses the main issues related to the Arab world and culture using a skill-based approach in which students gain mastery of the language through the use of authentic materials taken from various sources. Teaching techniques are student-centered, with the goal of teaching to make students independent users of Arabic. Encounters with Arab professionals and visits to relevant institutions are integrated in the course. *Prerequisite:* ARAB-303 or ARAB-307 or equivalent.

ARAB-416 Fourth Level Arabic B (4) Offered through AU Abroad programs in Cairo and Rabat. This course provides additional practice at the advanced level to help students attain a higher level of skill development (e.g., listening, speaking, reading and writing) and linguistic accuracy. Students expand the essential vocabulary to help them with topics of professional interest; obtain information to understand the ideas presented in a text, to discover the author's point of view and to seek evidence for their point of view; enrich their grammatical knowledge and apply it as one of the analytical tools in comprehending reading text; produce lengthy descriptive and argumentative discourse in speaking; summarize texts and express their points of view in writing and speaking; and interact with native speakers and engage in discussions of contemporary issues. *Prerequisite:* ARAB-303 or ARAB-307 or equivalent.

ARAB-417 Fourth Level Arabic C (4) Offered through AU Abroad programs in Cairo and Rabat. In this course, students use authentic material from literature, academic research, and both print and electronic media to develop their abilities to extract essential information and identify linguistic nuances. Students produce reaction papers where they express their own assessment of the content, the form of the text, and the position and the arguments of the author. Students are also expected to be able to identify figures of style and produce texts demonstrating near native competence. *Prerequisite:* ARAB-303 or ARAB-307 or equivalent.

ARAB-425 Introduction to Arabic-Islamic Civilization (3)

This course explores important historical, cultural, political, and intellectual developments within twelve centuries of Arabic-Islamic civilization. It discusses the interplay between continuity and change, and focuses on key concepts, beliefs, and institutions which, although shaped in the past, are crucial for proper understanding of the contemporary Arab world. Usually offered every fall. *Prerequisite:* ARAB-303.

ARAB-426 Arabic Topics (3) Topics vary by section, may be repeated for credit with different topic. Topics taught in Arabic explore various aspects of Arabic culture and the Arab world. Usually offered every term. *Prerequisite:* ARAB-303.

ARAB-480 Senior Capstone: Concept of the City (3) This senior capstone course celebrates students' functional Arabic language abilities and cultural competence through the comparison and contrast of the historical, political, literary, and cultural trends of several major urban centers in Africa, Europe, and Latin America from a variety of perspectives and genres. Taught in English, students write their final research papers in Arabic. *Prerequisite:* senior standing and Arabic Studies major.

ARAB-490 Independent Research in Arabic (1-6) *Prerequisite:* permission of instructor and department chair.

CHINESE

CHIN-106 First Level Chinese I (6) Offered as part of the AU Abroad program in Beijing, this course is designed for beginners to learn practical beginning Chinese. The course introduces basic Chinese characters, useful vocabulary, fundamental grammar, functional sentence patterns, practical dialogues, simple texts, and some relevant cultural information. Usually offered every term.

CHIN-107 First Level Chinese II (6) Offered as part of the AU Abroad program in Beijing, this course elevates competence in understanding spoken and written Chinese. The course reviews and increases grammatical background, focusing on accurate expression in daily communication and discussion in both oral and written forms. Usually offered every term. *Prerequisite:* CHIN-106 or CHIN-112 or equivalent.

CHIN-112 Chinese, Elementary I (5) Prepares students to function in everyday situations in the Chinese-speaking world. Focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Usually offered every fall.

CHIN-113 Chinese, Elementary II (5) Continuation of CHIN-112. Usually offered every spring. *Prerequisite:* CHIN-106 or CHIN-112 or equivalent.

CHIN-116 Introductory Chinese Immersion (12) Offered as part of the AU Abroad program in Beijing, this course establishes understanding of spoken and written Chinese in an intensive immersion environment for beginner students. The course introduces basic Chinese characters, useful vocabulary, fundamental grammar, functional sentence patterns, simple texts, and relevant culture tips, with special focus on listening and speaking skills. Usually offered every term.

CHIN-118 Introductory Chinese Summer Immersion (3-6)

Offered as part of the AU Abroad program in Beijing, this course facilitates beginners' acquisition of Chinese language in an intensive immersion environment. Classroom instruction focuses on introducing basic Chinese characters, useful vocabulary, fundamental grammar, conversational patterns, simple texts and relevant cultural information. Usually offered every summer.

CHIN-206 Second Level Chinese I (6) Offered as part of the AU Abroad program in Beijing, this course elevates competence in understanding spoken and written Chinese. The course reviews and increases grammatical background, focusing on accurate expression in daily communication and fundamental discussion skills. Usually offered every term. *Prerequisite:* CHIN-107 or CHIN-113 or CHIN-116 or equivalent.

CHIN-207 Second Level Chinese II (6) Offered as part of the AU Abroad program in Beijing, this course improves skills in understanding spoken and written Chinese. Expansion of vocabulary and grammatical structures and further development of communication skills. Usually offered every term. *Prerequisite:* CHIN-206 or CHIN-212 or equivalent.

CHIN-212 Chinese, Intermediate I (5) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and further development of communicative skills. Usually offered every fall. *Prerequisite:* CHIN-107 or CHIN-113 or CHIN-116 or CHIN-118 or equivalent.

CHIN-213 Chinese, Intermediate II (5) Continuation of CHIN-212. Usually offered every spring. *Prerequisite:* CHIN-206 or CHIN-212 or equivalent.

CHIN-218 Chinese Summer Immersion I (3-6) Offered as part of the AU Abroad program in Beijing, this course perfects students' skills in understanding spoken and written Chinese in an intensive immersion environment. This course reviews and increases students' grammatical background. It focuses on accurate expression in daily communication and discussion in both oral and written forms. Usually offered every summer. *Prerequisite:* CHIN-113 or equivalent.

CHIN-306 Third Level Chinese I (6) Offered as part of the AU Abroad program in Beijing, this course further develops ability to use Chinese at a more advanced level. Students continue to expand vocabulary, enrich knowledge on grammar and usage, and develop an ability to perform tasks of description, narration, and argumentation. Usually offered every term. *Prerequisite:* CHIN-213 or CHIN-218 or equivalent.

CHIN-307 Third Level Chinese II (6) Offered as part of the AU Abroad program in Beijing, this course perfects skills in understanding spoken and written Chinese. Students express more refined and sophisticated ideas, and process sentences with complex structures used mainly in formal speech and writing. Usually offered every term. *Prerequisite:* CHIN-306 or CHIN-313 or CHIN-318 or equivalent.

CHIN-308 Chinese Immersion: Folklore (1) Offered as part of the AU Abroad program in Beijing, this course teaches Chinese folklore topics in an immersive Chinese language classroom environment. Usually offered every term.

CHIN-309 Chinese Immersion: Popular Culture (1) Offered as part of the AU Abroad program in Beijing, this course teaches Chinese popular culture topics in an immersive Chinese language classroom environment. Usually offered every term.

CHIN-310 Chinese Immersion: Social Issues (1) Offered as part of the AU Abroad program in Beijing, this course teaches Chinese social issues topics in an immersive Chinese language classroom environment. Usually offered every term.

CHIN-312 Advanced Chinese I (3) This course promotes the active use of Chinese in culturally authentic contexts. Emphasis on the development of fluency and accuracy in oral and written communication. Includes social, economic, and political aspects of Chinese culture. Usually offered every fall. *Prerequisite:* CHIN-213 or CHIN-218 or equivalent.

CHIN-313 Advanced Chinese II (3) Continuation of CHIN-312. Usually offered every spring. *Prerequisite:* CHIN-207 or CHIN-312 or equivalent.

CHIN-316 Chinese Immersion I (12) Offered as part of the AU Abroad program in Beijing, this course perfects skills in understanding spoken and written Chinese in an intensive immersion environment. The course reviews and increases grammatical background, focusing on accurate expression in daily communication and discussion in both oral and written forms. Usually offered every term. *Prerequisite:* CHIN-206 or CHIN-212 or equivalent.

CHIN-317 Chinese Immersion II (12) Offered as part of the AU Abroad program in Beijing, this course further perfects skills in understanding spoken and written Chinese in an intensive immersion environment. The course reviews and increases grammatical background, focusing on accurate expression in daily communication and discussion in both oral and written forms. Usually offered every term. *Prerequisite:* CHIN-207 or CHIN-213 or equivalent.

CHIN-318 Chinese Summer Immersion II (3-6) Offered as part of the AU Abroad program in Beijing, this course further perfects skills in understanding spoken and written Chinese in an intensive immersion environment. The course reviews and increases grammatical background, focusing on accurate expression in daily communication and discussion in both oral and written forms. Usually offered every summer. *Prerequisite:* CHIN-207 or CHIN-213 or equivalent.

CHIN-319 Chinese Summer Immersion III (3-6) Offered as part of the AU Abroad program in Beijing, this course further perfects skills in understanding spoken and written Chinese in an intensive immersion environment. The course reviews and increases grammatical background, focusing on accurate expression in daily communication and discussion in both oral and written forms. Usually offered every summer. *Prerequisite:* CHIN-312 or equivalent.

CHIN-390 Independent Reading in Chinese (1-6) *Prerequisite:* permission of instructor and department chair.

CHIN-406 Fourth Level Chinese I (6) Offered as part of the AU Abroad program in Beijing, this course further perfects skills in understanding spoken and written Chinese. Students express more refined and sophisticated ideas, and process sentences with complex structures used mainly in formal speech and writing. Usually offered every term. *Prerequisite:* CHIN-307 or equivalent.

CHIN-407 Fourth Level Chinese II (6) Offered as part of the AU Abroad program in Beijing, this course further perfects skills in understanding spoken and written Chinese. Students express even more refined and sophisticated ideas, and process sentences with complex structures used mainly in formal speech and writing. Usually offered every term. *Prerequisite:* CHIN-406 or equivalent.

CHIN-416 Chinese Immersion III (12) Offered as part of the AU Abroad program in Beijing, this course further perfects skills in understanding spoken and written Chinese, and in speaking and writing, in an intensive immersion environment. Students prepare for daily use of Chinese. Usually offered every term. *Prerequisite:* CHIN-312 or equivalent.

CHIN-417 Chinese Immersion IV (12) Offered as part of the AU Abroad program in Beijing, this course elevates language skills to a higher level in an intensive immersion environment. Students gain a deep working knowledge of Chinese language and use it both formally and informally on a daily basis. Usually offered every term. *Prerequisite:* CHIN-406 or equivalent.

CHIN-418 Chinese Immersion V (12) Offered as part of the AU Abroad program in Beijing, this course elevates language skills to an even higher level in an intensive immersion environment. Students gain a deep working knowledge of Chinese language and use it both formally and informally on a daily basis. Usually offered every term. *Prerequisite:* CHIN-406 or equivalent.

CHIN-419 Chinese Summer Immersion IV (3-6) Offered as part of the AU Abroad program in Beijing, this course elevates language skills to an even higher level in an intensive immersion environment. Students gain a deep working knowledge of Chinese language and use it both formally and informally on a daily basis. Usually offered every summer. *Prerequisite:* CHIN-306 or CHIN-313 or equivalent.

CHIN-420 Chinese Summer Immersion V (3-6) Offered as part of the AU Abroad program in Beijing, this course elevates language skills to an even higher level in an intensive immersion environment. Students gain a deep working knowledge of Chinese language and use it both formally and informally on a daily basis. Usually offered every summer. *Prerequisite:* CHIN-406 or equivalent.

CHIN-490 Independent Research in Chinese (1-6) *Prerequisite:* permission of instructor and department chair.

FRENCH: Undergraduate Courses

FREN-122 French, Elementary I (4) Prepares students to function in everyday situations in the French-speaking world. Focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Designed for students with no prior experience with French. Usually offered every fall and summer.

FREN-123 French, Elementary II (4) Continuation of FREN-122. Usually offered every term. *Prerequisite:* FREN-122 or equivalent.

FREN-222 French, Intermediate I (4) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and further development of communicative skills. Content focuses on cultural patterns in the French-speaking world. Usually offered every term. *Prerequisite:* FREN-123 or equivalent.

FREN-223 French, Intermediate II (4) Continuation of FREN-222. Usually offered every term. *Prerequisite:* FREN-222 or equivalent.

FREN-224 Living in French (1) Part of the AU Abroad program in Brussels, the course focuses on various aspects of life in Belgium and the experiences students encounter during the program. The primary objective is to improve oral communication and aural comprehension skills. Includes social, political, and economic aspects of the Belgian culture. Usually offered every fall and spring.

FREN-244 Second Level French (3) Offered as part of the AU abroad program in Rabat, Morocco, this intensive course builds on students' acquired mastery of French at the elementary level (equivalent to one year of French). In addition to lectures and exercises in class and homework, it also includes lab drills, as well as challenging opportunities to practice French in daily life with French-speaking neighbors, friends, and fellow students. Students use and hone their linguistic skills in daily practice. They also enhance their skills in French reading, listening, oral, and writing comprehension in a number of environments, including cultural and sports events at the university, host-family stays, educational field trips, and other travels in Morocco. All these experiences are integrated through weekly assignments, in-class oral expression periods, and journal writing. Usually offered every term.

FREN-322 Advanced French I (3) Promotes the advanced active use of French in culturally authentic contexts. Emphasis on the development of fluency and accuracy in oral and written communication. Designed for students who have completed the intermediate level. Usually offered every term. *Prerequisite:* FREN-223 or equivalent.

FREN-323 Advanced French II (3) Continuation of FREN-322. Usually offered every term. *Prerequisite:* FREN-322 or equivalent.

FREN-332 French Grammar and Composition through Culture (3) This course offered through the AU Abroad program in Paris is based on the principle that writing and reading skills are interdependent. Learning to read analytically and to understand the workings of model texts help students develop creative and expressive writing skills. The value of students' writing is determined by the richness, appropriateness, and precision of the vocabulary and style, as well as by its grammatical accuracy. The course includes analysis of the various cultural aspects in the context of the development of French society at large. Usually offered every fall. *Prerequisite:* FREN-223 or equivalent. Students may not receive credit for both FREN-332 and either FREN-322 Advanced French I or FREN-323 Advanced French II.

FREN-333 French Avant Gardes (3) This course offered through the AU Abroad program in Paris explores the principal artistic and literary movements of the late nineteenth and early twentieth century that constitute the French Avant Gardes. Students analyze the influence of Paris on the cultural, literary, social, and political elements that infused the birth of the movement. During the Bohemian period, literary development closely followed that of the visual arts. Through literary analysis and study of the development of artistic genres of the period, students learn about the thought and sociological influence that led to the birth of the movement. Usually offered every fall. *Prerequisite:* FREN-223 or equivalent.

FREN-344 Third Level French (3) Offered as part of the AU abroad program in Rabat, Morocco, this intensive course builds on students' acquired mastery of French at the intermediate level (equivalent to two years of French). In addition to lectures and exercises in class and homework, it also includes lab drills, as well as challenging opportunities to practice French in daily life with French-speaking neighbors, friends, and fellow students. Students use and hone their linguistic skills in daily practice. They also enhance their skills in French reading, listening, oral, and writing comprehension in a number of environments, including cultural and sports events at the university, host-family stays, educational field trips, and other travels in Morocco. All these experiences are integrated through weekly assignments, in-class oral expression periods, and journal writing. Usually offered every term.

FREN-390 Independent Reading in French (1-6) *Prerequisite:* permission of instructor and department chair.

FREN-430 *Style et Syntaxe du Français* (3) This course is designed to teach students to analyze literary texts and comment on them with clarity and insight. It also attunes students to the nuances of the written language and teaches them the intricacies of composition writing. Meets with FREN-630. Usually offered every fall. *Prerequisite:* FREN-323.

FREN-431 *Civilisation Française I* (3) France from the Middle Ages to the French Revolution. Survey of political, social, and economic developments, emphasizing the differences between the culture des élites and culture du peuple, as seen through primary sources. Meets with FREN-631. Usually offered alternate falls. *Prerequisite:* FREN-323.

FREN-432 *Civilisation Française II* (3) France in the nineteenth and twentieth centuries. Study of the nouveau régime, the effects of the French revolutions on the social classes and their mental structures. Emphasis on the difference between the culture des élites and culture du peuple. Meets with FREN-632. Usually offered alternate springs. *Prerequisite:* FREN-323.

FREN-433 French Topics (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics taught in French including French politics; French society; French cinema; the Francophone novel; the short story in the Francophone world; Algerian colonization and decolonization; autobiography; cinema, literature, and society; humor and irony in French literature; French perception of America; etc. Usually offered every term. Meets with FREN-633. *Prerequisite:* FREN-323 or permission of instructor.

FREN-434 French Translation: Concepts and Practice (3) An introduction to the methods, techniques, and problems involved in translating from French into English. Emphasis is on the practice of translating general material with some consideration of the translation of specialized material. Introduction to the field of translation as a profession. Usually offered every fall. Meets with FREN-634. *Prerequisite:* FREN-323 or permission of instructor.

500 Course Descriptions

FREN-435 French Translation Workshop (3) This course is offered in tandem with FREN-434. Less emphasis is placed on theory and more time is given to systematic translation practice. Texts are selected from a wide variety of sources that offer examples of journalistic and literary language, as well as the more specialized terminology of commerce, technology, and law. Meets with FREN-635. Usually offered every spring. *Prerequisite:* FREN-323 or permission of instructor.

FREN-436 *Le Français Commercial* (3) Advanced language course focusing on business expressions and terminology intended to prepare students for the *Certificat Pratique* examination offered by the Paris Chamber of Commerce. Emphasis on written and oral skills. Students learn to comprehend texts related to advertising, agriculture, banking, insurance, etc. and to write business letters and reports in French. Meets with FREN-636. Usually offered alternate falls. *Prerequisite:* FREN-323 or permission of instructor.

FREN-437 *Les Registres du Français* (3) An introduction to the cultural levels of the French language—colloquial, standard, formal, and familiar—and to the differences between spoken and written French. Also includes study of literary prose, versification, dialects, and aspects of selected technical vocabularies. Designed for students who wish to understand the intricacies of the French language. Meets with FREN-637. Usually offered alternate falls. *Prerequisite:* FREN-323 or permission of instructor.

FREN-480 Senior Capstone: Concept of the City (3) This senior capstone course celebrates students' functional French language abilities and cultural competence through the comparison and contrast of the historical, political, literary, and cultural trends of several major urban centers in Africa, Europe, and Latin America from a variety of perspectives and genres. Taught in English, students write their final research papers in French. *Prerequisite:* senior standing and French Studies major.

FREN-490 Independent Research in French (1-6) *Prerequisite:* permission of instructor and department chair.

FREN-491 Internship: French (1-6) *Prerequisite:* permission of instructor and department chair.

FRENCH: Graduate Courses

FREN-020 French Reading for Research (0) For graduate students who have studied French but require a refresher course stressing grammar review, vocabulary building, and translation. Successful completion of the course with a grade of B or better may satisfy the graduate tool of research requirement; students should consult with their academic advisor. Usually offered every term. *Prerequisite:* two years of high school or one year of college French. *Note:* This non-credit course is open only to American University graduate students.

FREN-630 *Style et Syntaxe du Français* (3) This course is designed to teach students to analyze literary texts and comment on them with clarity and insight. It also attunes students to the nuances of the written language and teaches them the intricacies of composition writing. Meets with FREN-430. Usually offered every fall.

FREN-631 *Civilisation Française I* (3) France from the Middle Ages to the French Revolution. Survey of political, social, and economic developments, emphasizing the differences between the culture des élites and culture du peuple, as seen through primary sources. Meets with FREN-431. Usually offered alternate falls.

FREN-632 *Civilisation Française II* (3) France in the nineteenth and twentieth centuries. Study of the nouveau régime, the effects of the French revolutions on the social classes and their mental structures. Emphasis on the difference between the culture des élites and culture du peuple. Meets with FREN-432. Usually offered alternate springs.

FREN-633 French Topics (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics taught in French including French politics; French society; French cinema; the Francophone novel; the short story in the Francophone world; Algerian colonization and decolonization; autobiography; cinema, literature, and society; humor and irony in French literature; French perception of America; etc. Usually offered every term. Meets with FREN-433.

FREN-634 French Translation: Concepts and Practice (3) An introduction to the methods, techniques, and problems involved in translating from French into English. Emphasis is on the practice of translating general material with some consideration of the translation of specialized material. Introduction to the field of translation as a profession. Usually offered every fall. Meets with FREN-434.

FREN-635 French Translation Workshop (3) This course is offered in tandem with FREN-634. Less emphasis is placed on theory and more time is given to systematic translation practice. Texts are selected from a wide variety of sources that offer examples of journalistic and literary language, as well as the more specialized terminology of commerce, technology, and law. Meets with FREN-435. Usually offered every spring.

FREN-636 *Le Français Commercial* (3) Advanced language course focusing on business expressions and terminology intended to prepare students for the *Certificat Pratique* examination offered by the Paris Chamber of Commerce. Emphasis on written and oral skills. Students learn to comprehend texts related to advertising, agriculture, banking, insurance, etc. and to write business letters and reports in French. Meets with FREN-436. Usually offered alternate falls.

FREN-637 *Les Registres du Français* (3) An introduction to the cultural levels of the French language—colloquial, standard, formal, and familiar—and to the differences between spoken and written French. Also includes study of literary prose, versification, dialects, and aspects of selected technical vocabularies. Designed for students who wish to understand the intricacies of the French language. Meets with FREN-437. Usually offered alternate falls.

FREN-691 Internship: French (1-3) *Prerequisite:* permission of instructor and department chair.

GERMAN: Undergraduate Courses

GERM-116 Living in German (3) Offered as part of the AU Abroad program in Berlin, this course is a practice-oriented introduction to German that features basic German language structures to enable students to communicate in everyday settings. Students learn elementary vocabulary, present and past tense, as well as simple subordinate clauses, and gain familiarity with themes and issues of local significance by means of simple texts. For non-majors or minors in German. Usually offered every term.

GERM-126 First Level German I (3) Offered as part of the AU Abroad program in Berlin, this course introduces the basic German language structures. Students develop communicative competencies in reading, listening, speaking, and writing, and engage in simple conversations in settings such as shopping or restaurants, and to speak in simple past tense. Students become familiar with listening comprehension strategies and develop the ability to extract sociocultural information from simple texts, accompanied by exercises concerning phonetic particularities in communicative context. Usually offered every term.

GERM-127 First Level German II (3) Offered as part of the AU Abroad program in Berlin, this course for students with limited prior knowledge of German extends beyond simple communication, focusing on the ability to report in structurally more complex sentences about family, friends, future plans, and aspects of the past. Students learn declension of adjectives and practice reading and listening techniques. They also improve their pronunciation by means of special phonetic exercises and compose texts. Usually offered every term.

GERM-132 German, Elementary I (4) Prepares students to function in everyday situations in the German-speaking world. Focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. One class per week emphasizes oral communication. Designed for students with no prior experience with German. Usually offered every fall.

GERM-133 German, Elementary II (4) Continuation of GERM-132. Usually offered every spring. *Prerequisite:* GERM-132 or equivalent.

GERM-226 Second Level German I (3) Offered as part of the AU Abroad program in Berlin, this course encompasses more complex structures and communicative competencies in the German language. Students gain the ability to express desires and intentions as well as temporal sequences. They solidify their ability to communicate in everyday situations such as searching for housing, travel, general orientation, and relationships. The course also features more demanding texts for listening and reading comprehension. Students distil sociocultural information from authentic texts such as newspaper articles and short literary extracts, and write basic types of texts. Usually offered every term.

GERM-227 Second Level German II (3) Offered as part of the AU Abroad program in Berlin, this course features an expansion of fundamental communicative competencies in German for reading, listening, speaking, and writing in more complex conversational settings and types of texts. Students learn to express intentions, to present arguments, to generalize, and to make comparisons in order to master linguistically more formal settings such as discussions, and presentations and to compose more complex texts. Usually offered every term.

GERM-230 The Modernist Explosion: Culture and Ideology in Europe FA2 (3) Studies the development of the modernist movement in Europe in the first third of the twentieth century, with special emphasis on the German Weimar republic, 1918-1933. The course examines primary works of literature, visual art, music, and film (in English translation) in the context of political history. Usually offered every spring. Taught in English.

GERM-232 German, Intermediate I (4) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and further development of communicative skills. Content focuses on cultural patterns in the German-speaking world. One class per week emphasizes oral communication skills. Usually offered every fall. *Prerequisite:* GERM-133 or equivalent.

GERM-233 German, Intermediate II (4) Continuation of GERM-232. Usually offered every spring. *Prerequisite:* GERM-232 or equivalent.

GERM-326 Second Level German III (3) Offered as part of the AU Abroad program in Berlin, this course begins with a consolidation of previous intermediate-level material and then proceeds to more demanding grammatical structures such as the conjunctive, different types of sentence connections, and the corresponding conjunctions. Students' stylistic abilities are expanded by composing different texts to become familiar with diverse textual types and structures. Students also improve their speaking abilities by presentation of reports. More demanding texts with sociocultural information and basic literary pieces are used for reading comprehension. Usually offered every term.

GERM-327 Advanced Level German I (3) Offered as part of the AU Abroad program in Berlin, this course encompasses an expansion of linguistic ability on a higher level by means of journalistic, literary, and academic texts; it surveys learning techniques with which students are able to comprehend and apply more complex kinds of texts. Students gain familiarity with the fundamentals of academic writing and work on improving their stylistic expressive capabilities. The strategies acquired enable students to express diverse aspects of political, cultural, and social life in discussion and presentations in a comprehensive and coherent fashion. Usually offered every term.

GERM-328 Advanced Level German II (3) This course, offered as part of the AU Abroad program in Berlin, is for students who have mastered German and wish to train their use of the language in an academic context. The course encompasses and emphasizes demanding vocabulary and syntax structures of written German and idiomatic expressions. Students practice reading and listening comprehension of complex texts by means of authentic, current academic and newspaper articles as well as pieces of literature. Priority is given to academic composition and the stylistic improvement of linguistic expression. Students gain the ability of active participation in discussions and of making of a lengthier report concerning an academic or socially relevant theme. Usually offered every term.

GERM-332 German Conversation and Composition I (3) Promotes the advanced active use of German in culturally authentic contexts. Emphasis on the development of fluency and accuracy in oral and written communication. Written and oral exercises focus on a broad range of communicative genres. Usually offered every fall. *Prerequisite:* GERM-233 or equivalent.

GERM-333 German Conversation and Composition II (3) Continuation of GERM-332. Usually offered every spring. *Prerequisite:* GERM-332 or equivalent.

GERM-336 German Topics (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics taught in German include German culture and society, survey or arts, cinema, literature, and politics. *Prerequisite:* GERM-333 or permission of instructor.

GERM-338 Introduction to German Translation (3) An introduction to the methods, techniques, and problems involved in translating from German into English. Emphasis on translating general material, with some consideration of the translation of specialized material. Introduction to the field of translation as a profession. Usually offered alternate falls. *Prerequisite:* GERM-333 or permission of instructor.

GERM-339 Business German (3) Advanced language course designed to provide an introduction to the language and concepts of business and economics in German-speaking countries. The course combines acquisition of language skills with study of the geographical and sociopolitical context of the German-speaking world. Usually offered every spring. *Prerequisite:* GERM-233 or equivalent.

GERM-490 Independent Reading in German (1-6) *Prerequisite:* permission of instructor and department chair.

GERM-432 Studies in German Film (3) Introduction to the history, theory, and critical analysis of the German cinema arts. Weekly film screenings provide a framework for the study and criticism of German film, from its beginnings through the New German Cinema. Usually offered alternate falls. *Prerequisite:* GERM-333 or permission of instructor.

GERM-433 German Lyric Poetry (3) Survey of German lyric poetry, as well as selected examples of longer poetic works, as expressions of the German cultural identity throughout history. The focus of the course is interdisciplinary, encompassing poetry's relationship to music, visual art, historiography, religion, and politics. *Prerequisite:* GERM-333 or permission of instructor.

GERM-438 German Civilization I (3) A survey of German culture and society from the Middle Ages to the Romantic period. Historical, social, and intellectual developments, literature, art, and music are studied as the basis for discussion of German cultural history. Taught in German. Usually offered alternate falls. *Prerequisite:* GERM-333 or permission of instructor.

GERM-439 German Civilization II (3) Continuation of GERM-438, covering German history from the Romantic period to the twenty-first century. Taught in German. Usually offered alternate springs. *Prerequisite:* GERM-333 or permission of instructor.

GERM-480 Senior Capstone: Concept of the City (3) This senior capstone course celebrates students' functional German language abilities and cultural competence through the comparison and contrast of the historical, political, literary, and cultural trends of several major urban centers in Africa, Europe, and Latin America from a variety of perspectives and genres. Taught in English, students write their final research papers in German. *Prerequisite:* senior standing and German Studies major.

GERM-490 Independent Research in German (1-6) *Prerequisite:* permission of instructor and department chair.

GERM-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

HEBREW

HEBR-116 Hebrew, Elementary Modern I (3) Focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Designed for students with no prior experience with Hebrew. Usually offered every fall.

HEBR-117 Hebrew, Elementary Modern II (3) Continuation of HEBR-116. Usually offered every spring. *Prerequisite:* HEBR-116 or equivalent.

HEBR-216 Hebrew, Intermediate Modern I (3) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and development of communicative skills. Usually offered every fall. *Prerequisite:* HEBR-117 or equivalent.

HEBR-217 Hebrew, Intermediate Modern II (3) Continuation of HEBR-216. Usually offered every spring. *Prerequisite:* HEBR-216 or equivalent.

HEBR-316 Advanced Hebrew Modern I (3) This course promotes the advanced active use of Hebrew in culturally authentic contexts. Emphasis is on the development of fluency and accuracy in oral and written communication. Usually offered every fall. *Prerequisite:* HEBR-217 or equivalent.

HEBR-317 Advanced Hebrew Modern II (3) Continuation of HEBR-316. Usually offered every spring. *Prerequisite:* HEBR-316 or equivalent.

ITALIAN

ITAL-118 Italian, Elementary I (4) Prepares students to function in everyday situations. Focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Designed for students with no prior experience with Italian. Usually offered every fall and summer.

ITAL-119 Italian, Elementary II (4) Continuation of ITAL-118. Usually offered every spring and summer. *Prerequisite:* ITAL-118 or equivalent.

ITAL-218 Italian, Intermediate I (4) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and development of communicative skills. Content focuses on cultural patterns in the Italian-speaking world. Usually offered every fall. *Prerequisite:* ITAL-119 or equivalent.

ITAL-219 Italian, Intermediate II (4) Continuation of ITAL-218. Usually offered every spring. *Prerequisite:* ITAL-218 or equivalent.

ITAL-318 Italian Conversation and Composition I (3) Promotes the advanced active use of Italian in culturally authentic contexts. Emphasis on the development of fluency and accuracy in oral and written communication. Designed for students who have completed the intermediate level. Usually offered every fall. *Prerequisite:* ITAL-219 or equivalent.

ITAL-319 Italian Conversation and Composition II (3) Continuation of ITAL-318. Usually offered every spring. *Prerequisite:* ITAL-318 or equivalent.

ITAL-390 Independent Reading in Italian (1-6) *Prerequisite:* permission of instructor and department chair.

ITAL-490 Independent Research in Italian (1-6) *Prerequisite:* permission of instructor and department chair.

ITAL-491 Internship (1-6) *Prerequisite:* permission of instructor and department chair.

JAPANESE

JAPN-114 Japanese, Elementary I (5) Prepares students to function in everyday situations in the Japanese-speaking world. Focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Usually offered every fall.

JAPN-115 Japanese, Elementary II (5) Continuation of JAPN-114. Usually offered every spring. *Prerequisite:* JAPN-114 or equivalent.

JAPN-214 Japanese, Intermediate I (5) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and further development of communicative skills. Usually offered every fall. *Prerequisite:* JAPN-115 or equivalent.

JAPN-215 Japanese, Intermediate II (5) A continuation of JAPN-214. Usually offered every spring. *Prerequisite:* JAPN-214 or equivalent.

JAPN-314 Advanced Japanese I (3) Promotes the advanced active use of Japanese in culturally authentic contexts. Emphasis on the development of fluency and accuracy in oral and written communication. Includes social, economic, and political aspects of Japanese culture. Usually offered every fall. *Prerequisite:* JAPN-215 or equivalent.

JAPN-315 Advanced Japanese II (3) Continuation of JAPN-314. Usually offered every spring. *Prerequisite:* JAPN-314 or equivalent.

JAPN-390 Independent Reading in Japanese (1-6) *Prerequisite:* permission of instructor and department chair.

JAPN-490 Independent Research in Japanese (1-6) *Prerequisite:* permission of instructor and department chair.

KOREAN

KOR-102 Korean Elementary I (5) Designed for students with no prior experience with Korean, this course focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Usually offered every fall.

KOR-103 Korean Elementary II (5) Continuation of KOR-102. Usually offered every spring. *Prerequisite:* KOR-102 or equivalent.

PERSIAN

PERS-102 Persian Elementary I (4) This course, designed for students with no prior experience with Persian, focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Usually offered every fall.

PERS-103 Persian Elementary II (4) Continuation of PERS-102. Usually offered every spring. *Prerequisite:* PERS-102 or equivalent.

PERS-202 Persian Intermediate I (4) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and further development of communicative skills. Content focuses on cultural patterns in the Persian-speaking world. Usually offered every fall.

PERS-203 Persian Intermediate II (4) Continuation of PERS-202. Usually offered every spring. *Prerequisite:* PERS-202 or equivalent.

PORTUGUESE

PORT-102 Portuguese Elementary I (4) This course, designed for students with no prior experience with Portuguese, focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Usually offered every fall.

PORT-103 Portuguese Elementary II (4) Continuation of PORT-102. Usually offered every spring. *Prerequisite:* PORT-102 or equivalent.

RUSSIAN: Undergraduate Courses

RUSS-144 Russian, Elementary I (5) Prepares students to function in everyday situations in the Russian-speaking world. Focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Designed for students with no prior experience with Russian. Usually offered every fall.

RUSS-145 Russian, Elementary II (5) Continuation of RUSS-144. Usually offered every spring. *Prerequisite:* RUSS-144 or equivalent.

RUSS-200 Russia and the United States FA3 (3) A comparative study of the two countries, Russia and the United States, through an interdisciplinary approach with emphasis on the major similarities and differences. The course draws primarily from international studies, cross-cultural communication, political science, history, literature, and the arts. Usually offered every fall. Taught in English.

RUSS-244 Russian, Intermediate I (5) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and development of communicative skills. Content focuses on cultural patterns in the Russian-speaking world. Usually offered every fall. *Prerequisite:* RUSS-145 or equivalent.

RUSS-245 Russian, Intermediate II (5) Continuation of RUSS-244. Usually offered every spring. *Prerequisite:* RUSS-244 or equivalent.

RUSS-342 Russian Conversation and Composition I (3) Promotes the advanced active use of Russian in culturally authentic contexts. Emphasis on the development of fluency and accuracy in oral and written communication. Review of grammatical structures and vocabulary expansion through extensive reading. Problems of style and creative use of language. Usually offered every fall. *Prerequisite:* RUSS-245 or equivalent.

RUSS-343 Russian Conversation and Composition II (3) Continuation of RUSS-342. Usually offered every spring. *Prerequisite:* RUSS-342 or equivalent.

RUSS-390 Independent Research in Russian (1-6) *Prerequisite:* permission of instructor and department chair.

RUSS-441 Russian Media and Political Translation (3) May be repeated for credit. Reading and translating selected sociopolitical texts and current periodical publications. Vocabulary expansion through study of word formation. Study of idioms, terms, and syntactic patterns. Meets with RUSS-641. Usually offered every fall. *Prerequisite:* RUSS-343 or equivalent or permission of instructor.

504 Course Descriptions

RUSS-443 Russian Business Translation (3) May be repeated for credit. Development of business translation skills and an understanding of the socio-economic and political aspects of the business world. Study of language, terminology, syntactic constructions and related cross-cultural issues. Translation from Russian to English. Emphasis on translation methods, techniques and problems. Course covers areas such as finance, marketing, banking, taxation, trade and agriculture. Meets with RUSS-643. Usually offered every spring. *Prerequisite:* RUSS-343 or permission of instructor.

RUSS-480 Senior Capstone: Concept of the City (3) This senior capstone course celebrates students' functional Russian language abilities and cultural competence through the comparison and contrast of the historical, political, literary, and cultural trends of several major urban centers in Africa, Europe, and Latin America from a variety of perspectives and genres. Taught in English, students write their final research papers in Russian. *Prerequisite:* senior standing and Russian Studies major.

RUSS-490 Independent Research in Russian (1-6) *Prerequisite:* permission of instructor and department chair.

RUSS-491 Internship: Russian (1-6) *Prerequisite:* permission of instructor and department chair.

RUSSIAN: Graduate and Advanced Undergraduate Courses

RUSS-543 Russian Classics (3) Topics vary by section, may be repeated for credit with different topic; emphasis on life and works of major writers. Usually offered every term.

RUSS-546 Russian Advanced Grammar and Composition I (3) A systematic grammar review course for those who have had at least three years of Russian. There is a written assignment for every class, either a translation or an essay. Weekly quizzes test knowledge of grammatical constructions, vocabulary, and idioms. Usually offered every fall. *Prerequisite:* three years of college Russian.

RUSS-547 Russian Advanced Grammar and Composition II (3) A continuation of RUSS-546. Usually offered every spring. *Prerequisite:* RUSS-546 or permission of instructor.

RUSS-548 Russian Topics (3) Topics vary by section, may be repeated for credit with different topic. Courses taught in Russian on such topics as: contemporary Russian society, Russia through film, the politics of culture in Russia, and others. Usually offered every spring.

RUSSIAN: Graduate Courses

RUSS-641 Advanced Russian Media and Political Translation (3) May be repeated for credit. Development and perfection of translation skills. Emphasis on contemporary political culture. Translation of materials from current Russian press; vocabulary building; review of grammar and stylistics; demonstrations; classroom exercises; weekly home assignments; and weekly quiz. Individual translation project. Meets with RUSS-441. Usually offered every fall.

RUSS-643 Russian Business Translation (3) May be repeated for credit. Development of business translation skills and an understanding of the socio-economic and political aspects of the business world. Study of language, terminology, syntactic constructions and related cross-cultural issues. Translation from Russian to English. Emphasis on translation methods, techniques and problems. Course covers areas such as finance, marketing, banking, taxation, trade and agriculture. Meets with RUSS-443. Usually offered every spring. *Prerequisite:* three years college Russian or permission of instructor.

RUSS-691 Internship: Russian (1-3) *Prerequisite:* permission of instructor and department chair.

SPANISH: Undergraduate Courses

SPAN-136 Intensive Beginning Spanish I (4) Offered as part of the Madrid AU Abroad programs. The elements of Spanish grammar, vocabulary, and pronunciation. Usually offered every term.

SPAN-137 Intensive Beginning Spanish II (4) Offered as part of the Madrid AU Abroad programs. The course builds on concepts discussed in SPAN-136. It enables students to understand and express themselves in normal situations and exchange information on familiar themes. Students begin the study of tenses and commands. The course focuses on continued development of listening, speaking, reading and writing comprehension. *Prerequisite:* SPAN-136 or SPAN-152 or equivalent.

SPAN-152 Spanish, Elementary I (4) Prepares students to function in everyday situations in the Hispanic world. Focuses on the acquisition of basic vocabulary and grammatical structures in culturally authentic contexts through speaking, reading, writing, and listening comprehension. Designed for students with no prior experience with Spanish. Usually offered every fall and summer.

SPAN-153 Spanish, Elementary II (4) Continuation of SPAN-152. Usually offered every term. *Prerequisite:* SPAN-152 or equivalent.

SPAN-210 Latin America: History, Art, Literature FA3 (3) Latin America's history through literary texts, films and documentaries, and other artistic representations. Analysis of how the Latin, African, and indigenous cultural heritages have combined to produce a unique culture. Usually offered every term. Separate sections taught in English and Spanish. *Prerequisite for Spanish section:* SPAN-353 or permission of instructor.

SPAN-236 Intensive Intermediate Spanish I (4) Offered as part of the Madrid AU Abroad programs. Students gain proficiency at an intermediate level through grammatical, literary, and cultural exercises. Usually offered every term. *Prerequisite:* SPAN-137 or SPAN-153 or equivalent.

SPAN-237 Intensive Intermediate Spanish II (4) Offered as part of the Madrid AU Abroad programs. The course builds on concepts discussed in SPAN-236. Students refine skills related to understanding and expressing themselves in various situations that require complex linguistic structures and expressions of personal opinions. The course includes continued focus on intermediate grammar concepts and vocabulary acquisition. *Prerequisite:* SPAN-236 or SPAN-252 or equivalent.

SPAN-252 Spanish, Intermediate I (4) Refinement of basic language skills in a cultural context. Expansion of vocabulary and grammatical structures and further development of communicative skills. Content focuses on cultural patterns in the Hispanic world. Usually offered every term. *Prerequisite:* SPAN-153 or equivalent.

SPAN-253 Spanish, Intermediate II (4) Continuation of SPAN-252. Usually offered every term. *Prerequisite:* SPAN-252 or equivalent.

SPAN-323 Spanish III (3) Offered as part of the AU Abroad programs in Chile, this course reviews the basics of Spanish grammar including present, past, future, and preterite and imperfect tenses to help students gain conversational skills. For students who have completed intermediate levels of Spanish but not recently.

SPAN-333 Advanced Spanish III (3) Offered as part of the AU Abroad programs in Chile, this course starts with a review of the preterite, imperfect tenses, and continues with lessons on prepositions, pronouns, imperative tense, and present and past subjunctive tenses. For students who have completed intermediate levels of Spanish recently.

SPAN-336 Intensive Advanced Spanish I (4) Offered as part of the Madrid AU Abroad programs. Students acquire fluency in comprehension, speaking, reading, and writing. The course focuses on expository writing through analysis of a variety of texts with emphasis on the study and practical application of written discourse. Grammar, vocabulary, and punctuation are also addressed. Usually offered every term. *Prerequisite:* SPAN-253 or equivalent.

SPAN-337 Intensive Advanced Spanish II (4) Offered as part of the Madrid AU Abroad programs. The course builds on concepts discussed in SPAN-336 and focuses heavily on written comprehension and expression, as well as advanced oral communication working toward fluency. *Prerequisite:* SPAN-336 or SPAN-352 or equivalent.

SPAN-352 Spanish Conversation and Composition I (3) Promotes the advanced active use of Spanish in culturally authentic contexts. Emphasis on the development of fluency and accuracy in oral and written communication. Usually offered every term. *Prerequisite:* SPAN-253 or equivalent.

SPAN-353 Spanish Conversation and Composition II (3) Continuation of SPAN-352. Usually offered every term. *Prerequisite:* SPAN-352 or equivalent.

SPAN-355 Spanish Introductory Topics (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include courses that serve as a bridge between the language sequence and upper-level courses. Courses are taught in Spanish on topics such as central issues in Latin American studies, indigenous people in Latin America, and media in Latin America. Emphasis is placed on vocabulary, expressions, and structures related to the specific topic. Usually offered every term. *Prerequisite:* SPAN-353 or placement test.

SPAN-357 Introduction to Latin American Literature (3) A systematic survey of the historical development of Latin American literature. Reading of selected texts in the original, and their relationship to cultural, historical, political, and social developments. This course is a transition course between SPAN-353 and higher level courses. Usually offered every term. *Prerequisite:* SPAN-353.

SPAN-388 Advanced Spanish Grammar and Composition (3) Offered as part of the AU Abroad programs in Chile, this course develops and improves students' written language skills as well as examining advanced grammar rules used to attain linguistic fluency. The course emphasizes written abilities and analyzes the different elements of creative writing, personal and work letters, legal documents, books and movies reviews. For students who have completed Spanish Conversation and Composition II or have the equivalent of three years of college level Spanish.

SPAN-389 Advanced Spanish Grammar and Composition (3) Offered as part of the Madrid AU Abroad programs. In this course students develop and improve written language skills as well as examine advanced grammar rules used to attain linguistic fluency. The course emphasizes written abilities and analyzes the different elements of creative writing, personal and work letters, legal documents, books, and movie reviews. Usually offered every fall. *Prerequisite:* SPAN-353 or equivalent.

SPAN-390 Independent Reading in Spanish (1-6) *Prerequisite:* permission of instructor and department chair.

SPAN-450 Spanish Civilization I: Spain (3) A study of the geography, history, arts, and literature of Spain from its very diverse origins to the present. Usually offered every fall. *Prerequisite:* SPAN-353 or equivalent.

SPAN-456 Spanish Topics (3) Topics vary by section, may be repeated for credit with different topic. Courses taught in Spanish on such topics as: Latin American film, Mexican-U.S. border, urban cultures in Latin America, indigenous people of Latin America, Hispanics in the United States, Caribbean cultures, and the Latin American short story. Meets with SPAN-656. Usually offered every term. *Prerequisite:* SPAN-353 or placement test.

SPAN-458 Introduction to Spanish Translation (3) An introduction to the methods, techniques, and problems involved in translating Spanish into English. Emphasis is on translating general material, with some consideration of the translation of specialized material. Meets with SPAN-658. Usually offered every fall. *Prerequisite:* SPAN-353 or permission of instructor.

SPAN-459 Advanced Spanish Translation (3) Practice and critique of translations of a range of material (general, literary, business, diplomatic, social science, and technical). Primarily from Spanish to English, with some translation from English to Spanish. Review of translation theory, methods, techniques, and problems. Meets with SPAN-659. Usually offered every spring. *Prerequisite:* SPAN-358 or equivalent.

SPAN-461 Introduction to Spanish Linguistics (3) Introduction to basic concepts of linguistics and their application to the Spanish language: phonology, morphology, syntax, etymology. Brief survey of the historical development of the Spanish language. Dialects of Spanish and other languages spoken in the Hispanic world. Introduction to a contrastive analysis of English and Spanish. Meets with SPAN-661. Usually offered every fall. *Prerequisite:* SPAN-353.

SPAN-462 Latin American-U.S. Relations (3) Students acquire conversational proficiency with international relations terminology in Spanish and in-depth knowledge of the special relations between Latin America and the United States. The course places special emphasis on the Latin American point of view, and includes discussions with Latin American diplomats on the political, diplomatic, economic, cultural, and social forces that have shaped the development of Latin American-U.S. relations. Usually offered every term. *Prerequisite:* SPAN-353 or permission of instructor.

SPAN-480 Senior Capstone: Concept of the City (3) This senior capstone course celebrates students' functional Spanish language abilities and cultural competence through the comparison and contrast of the historical, political, literary, and cultural trends of several major urban centers in Africa, Europe, and Latin America from a variety of perspectives and genres. Taught in English, students write their final research papers in Spanish. *Prerequisite:* senior standing and Spanish Studies major.

SPAN-482 Postdictatorial Southern Cone Literature (3) This course examines cultural responses to authoritarianism in postdictatorial Argentina, Chile, and Uruguay. It analyzes discourses of memory, citizenship, and retroactive justice through discussion of works by Griselda Gambaro, Eduardo Pavlovsky, Roberto Bolaño, Gabriel Peveroni, and Albertina Carri, in addition to a range of critical and theoretical texts. Meets with SPAN-682. Usually offered alternate springs. *Prerequisite:* SPAN-353 or placement test.

SPAN-483 Postdictatorial Southern Cone Icons and Identity (3) This course examines some of the most influential icons in Latin America through analysis of their representation in theatre, film, narrative, poetry, short story, and diverse media. Figures include Camila O'Gorman, Juan Moreira, Carlos Gardel, Pablo Neruda, Salvador Allende, Juan Domingo Peron, Eva Peron, Che Guevara, and Gabriela Mistral. Meets with SPAN-683. Usually offered alternate falls. *Prerequisite:* SPAN-353 or placement test.

SPAN-490 Independent Research in Spanish (1-6) *Prerequisite:* permission of instructor and department chair.

SPAN-491 Internship: Spanish: Proyecto Amistad (1-6) An internship program offering a wide variety of experiences in the Spanish-speaking community of Washington, D.C. Placements are available in bilingual schools, legal and consumer agencies, and national and international organizations. May be taken pass/fail only. *Prerequisite:* SPAN-253 or equivalent.

SPANISH: Graduate and Advanced Undergraduate Courses

SPAN-553 Culture and Radical Politics in Latin America (3) This course is devoted to analyzing different strands of radical political thought within some Latin American revolutionary movements, such as Shining Path (Peru), Sandinismo (Nicaragua), Montoneros and Peronismo (Argentina), and Zapatismo (Mexico), with particular emphasis on their close relationship with cultural production and local indigenous communities. Usually offered alternate falls. *Prerequisite:* upper-level undergraduate Spanish course, or proficiency in Spanish.

SPAN-554 Classics of Latin American Literature (3) Topics vary by section, may be repeated for credit with different topic. Topics on a period of Spanish-American literature and culture from the colonial era to the present. Usually offered every term. *Prerequisite:* upper-level undergraduate Spanish course, or proficiency in Spanish.

SPAN-555 Southern Cone Performance, Memory, and Activism (3) Through examination of diverse performative phenomena (urban intervention, theater, demonstration, photography, and film) this course investigates the forceful engagement of performance in the negotiation of memory politics, changing notions of citizenship, human rights activism, and the articulation of youth culture in contemporary Argentina and Chile. Usually offered alternate falls. *Prerequisite:* upper-level undergraduate Spanish course, or proficiency in Spanish.

SPAN-556 Culture and Violence in Latin America (3) This course examines representations of physical and psychological violence in literary texts, film, and plastic arts that attempt to provide explanations for challenges that Latin America faces. Special focus is placed on violence originating in gender inequality, the effect of globalization, environmental injustice, and urban blight. *Prerequisite:* upper-level undergraduate Spanish course, or proficiency in Spanish.

SPAN-557 Afro-Latin American Culture, Literature, and Music (3) An interdisciplinary colloquium on African heritage in Latin America, using musical pieces, literature, and culture to study prominent Afro-Latin American rhythms, the cultural regions where they originated, and the purposes music has served since slavery to present time. Special emphasis is placed on class and gender issues, as well as ethnicity. *Prerequisite:* upper-level undergraduate Spanish course, or proficiency in Spanish.

SPAN-558 Colombia and the Amazonia (3) This interdisciplinary course explores the historical factors determining Colombian cultural regions and their contributions to national identity. Additionally, it studies cycles of violence in Colombia in the narco-guerrilla-paramilitary war, as well as the interrelation between political power and resistance in Colombia and the Amazonia. Usually offered alternate falls. *Prerequisite:* upper-level undergraduate Spanish course, or proficiency in Spanish.

SPAN-559 Colloquium on Latin America (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics taught in Spanish include cultural trends, political and economic processes, international relations, and social phenomena. Usually offered every term. *Prerequisite:* upper-level undergraduate Spanish course, or proficiency in Spanish.

SPAN-560 Latin American Caudillos, Caciques, and Dictators (3) This course examines three key figures in the political and cultural structures of power in Latin America: the caudillo, the cacique, and the dictator. Through readings of short stories and novels informed by historical contexts and culture studies theory, students gain an understanding of the genesis of these figures and the influence they still bear on the power structures of present-day Latin America. *Prerequisite:* upper-level undergraduate Spanish course, or proficiency in Spanish.

SPANISH: Graduate Courses

SPAN-050 Spanish Reading for Research (0) For students who have studied Spanish but require a refresher course stressing grammar review, vocabulary building, and translation. Successful completion of the course with a grade of B or better may satisfy the graduate tool of research requirement; students should consult with their academic advisor. *Prerequisite:* two years of high school or one year of college Spanish. *Note:* This non-credit course is open only to American University graduate students.

SPAN-656 Spanish Topics (3) Topics vary by section, may be repeated for credit with different topic. Courses taught in Spanish on such topics as: Latin American film, Mexican-U.S. border, urban cultures in Latin America, indigenous people of Latin America, Hispanics in the United States, Caribbean cultures, and the Latin American short story. Meets with SPAN-456. Usually offered every term. *Prerequisite:* two years of college Spanish or equivalent.

SPAN-658 Introduction to Spanish Translation (3) An introduction to the methods, techniques, and problems involved in translating from Spanish to English. Emphasis is on translating general material, with some consideration of the translation of specialized material. Meets with SPAN-458. Usually offered every fall.

SPAN-659 Advanced Spanish Translation (3) Practice and critique of translations of a range of material (general, literary, business, diplomatic, social science, and technical). Primarily from Spanish to English, with some translation from English to Spanish. Review of translation theory, methods, techniques, and problems. Meets with SPAN-459. Usually offered every spring. *Prerequisite:* SPAN-658 or equivalent.

SPAN-661 Introduction to Spanish Linguistics (3) Introduction to basic concepts of linguistics and their application to the Spanish language: phonology, morphology, syntax, etymology. Brief survey of the historical development of the Spanish language. Dialects of Spanish and other languages spoken in the Hispanic world. Introduction to a contrastive analysis of English and Spanish. Meets with SPAN-461. Usually offered every fall.

SPAN-682 Postdictatorial Southern Cone Literature (3) This course examines cultural responses to authoritarianism in postdictatorial Argentina, Chile, and Uruguay. It analyzes discourses of memory, citizenship, and retroactive justice through discussion of works by Griselda Gambaro, Eduardo Pavlovsky, Roberto Bolaño, Gabriel Peveroni, and Albertina Carri, in addition to a range of critical and theoretical texts. Meets with SPAN-482. Usually offered alternate springs.

SPAN-683 Postdictatorial Southern Cone Icons and Identity (3) This course examines some of the most influential icons in Latin America through analysis of their representation in theatre, film, narrative, poetry, short story, and diverse media. Figures include Camila O'Gorman, Juan Moreira, Carlos Gardel, Pablo Neruda, Salvador Allende, Juan Domingo Peron, Eva Peron, Che Guevara, and Gabriela Mistral. Meets with SPAN-483. Usually offered alternate falls.

SPAN-690 Independent Study in Spanish (1-6) *Prerequisite:* permission of instructor and department chair.

SPAN-691 Internship: Spanish: *Proyecto Amistad* (1-3) An internship program offering a wide variety of experiences in the Spanish-speaking community of Washington, D.C. Placements are available in bilingual schools, legal and consumer agencies, and national and international organizations. *Prerequisite:* two years of college Spanish and permission of instructor or department.

SPAN-701 Latin American Theatre and Politics (3) This course examines the intersection of theater with politics, culture, and history at emblematic junctures in twentieth and twenty-first century Latin America. Class discussion is organized around major thematic focal points and discourses such as nation, gender, immigration, memory, and globalization, among others. Usually offered alternate springs. *Prerequisite:* admission to MA in Spanish and Latin American Studies or proficiency in Spanish.

SPAN-702 Latin American History and Politics from the Margins (3) This course examines testimonials of individuals or groups of people whose stories do not normally get included in national histories. Stories include accounts of slavery, rural guerilla and student urban warfare, drug trafficking, and oppression due to sexual orientation. The course also looks at mainstream attempts to incorporate these marginal voices in the popular venues of their country of origin. *Prerequisite:* admission to MA in Spanish and Latin American Studies or proficiency in Spanish.

SPAN-704 Central American Cultural Studies (3) A study of literary works, films and documentaries, and secondary literature with a focus on indigenous cultures, the Panama Canal, the anti-Communist wars, and the presence and meaning of the Afro-Antillean people in the region. Usually offered alternate springs. *Prerequisite:* admission to MA in Spanish and Latin American Studies or proficiency in Spanish.

SPAN-705 Seminar in Spanish and Latin American Studies (3) Topics vary by section, may be repeated for credit with different topic. Rotating topics include Latin American thought; language research, translation, and pedagogy technology; and Cuba in Latin America. Usually offered every term. *Prerequisite:* admission to MA in Spanish and Latin American Studies or proficiency in Spanish.

SWAHILI/KISWAHILI

SWAH-102 Swahili Elementary I (3) This foundation course in standard Swahili introduces students to pronunciation; formulaic greetings; the noun class system; the concordial agreement system associated with verb structure, relative construction, and possessive pronoun and adjective formation; adverbs; sentence structure; text development; and basic vocabulary. Equal emphasis is placed on speaking, reading, and writing skills in Swahili and the course stresses the use of Swahili in context.

SWAH-103 Swahili Elementary II (3) Continuation of SWAH-102. Usually offered every spring. *Prerequisite:* SWAH-102 or equivalent.

SWAH-112 Kiswahili Elementary I (3) Offered as part of the AU Abroad Nairobi, Kenya program. This foundation course in Kiswahili introduces students to pronunciation; formulaic greetings; the noun class system; the concordial agreement system associated with verb structure, relative construction, and possessive pronoun and adjective formation; adverbs; sentence structure; text development; and basic vocabulary. Emphasis is placed on speaking, reading, and writing skills and the use of Kiswahili in context. Usually offered every term.

SWAH-113 Kiswahili Elementary II (3) Offered as part of the AU Abroad Nairobi, Kenya program. Continuation of SWAH-102/SWAH-112. The course offers more advanced Kiswahili grammatical constructions, more situational conversations, and deeper cultural information. Usually offered every term. *Prerequisite:* SWAH-102/SWAH-112 or equivalent.

SWAH-212 Kiswahili Intermediate I (3) Offered as part of the AU Abroad Nairobi, Kenya program, this course explores more complex grammatical issues and communication styles, including translation. Students are introduced to Kiswahili literature, including poems, novella, and newspapers, and traditional and modern music. Usually offered every term. *Prerequisite:* SWAH-103/SWAH-113 or equivalent.

SWAH-213 Kiswahili Intermediate II (3) Offered as part of the AU Abroad Nairobi, Kenya program, this course continues the study of advanced grammatical structure and communication styles, including translation. Students continue the study of literature and oral communication relevant to cultural understanding in the environment of Nairobi. Instruction in Sheng dialect is included. Usually offered every term. *Prerequisite:* SWAH-212 or permission of instructor.

Washington Semester

Undergraduate Courses

WSEM-120 Mentored Field Practicum (3) This course for students in the Washington Mentorship Program includes two parts: the professional component, a two-day per week work experience to give students hands-on, “real world” experience; and the academic component designed to help students learn to reflect analytically on their work experience in relation to their professional and academic goals. Through written assignments, analysis of readings, lectures, class discussions, individual meetings with the instructor, and presentations, the academic component provides a framework for structuring the students’ experiential learning. Usually offered every fall. *Prerequisite:* admission to the Washington Mentorship Program.

WSEM-400 Washington Summer Internship and Seminar (3-6) The Washington Summer Internship Program is designed to provide on-the-job training for college students from across the country in their respective fields of interest, including national government and politics, foreign policy and international affairs, economic policy and international business, justice and law, or print and broadcast media and communication. Students work four and one-half days each week. The other half day is devoted to seminars with practitioners and small group discussions. Usually offered every summer.

Graduate Courses

WSEM-600 Washington Summer Internship and Seminar (3-6) The Washington Summer Internship Program is designed to provide on-the-job training for college students from across the country in their respective fields of interest, including national government and politics, foreign policy and international affairs, economic policy and international business, justice and law, or print and broadcast media and communication. Students work four and one-half days each week. The other half day is devoted to seminars with practitioners and small group discussions. Usually offered every summer.

WSEM-690 Washington Semester Independent Study Project (1-6) *Prerequisite:* permission of Washington Semester program.

WSEM-691 Washington Semester Internship (1-6) *Prerequisite:* permission of Washington Semester program.

2012–2013 Full-Time Faculty

The date in parentheses following each name is the year in which the faculty member was appointed.

- Aaronson, David E.** (1970), BA, MA, PhD, The George Washington University; LLB, Harvard University; LLM, Georgetown University; Professor of Law
- Abitbol, Eric** (2012), BA, McGill University; MS, London School of Economics and Political Science; PhD, University of Bradford; Instructor of International Service
- Abraham, Daniel Eric** (2001), BM, University of Massachusetts at Lowell; MM, University of Maryland; Associate Professor of Performing Arts
- Abramowitz, Nancy** (1997), BS, Cornell University; JD, Georgetown University; Professor of the Practice of Law
- Abravanel, Evelyn G.** (1977), BA, JD, Case Western Reserve University; Professor of Law
- Abu-Nimer, Mohammed** (1997), BA, MA, Hebrew University; PhD, George Mason University; Professor of International Service
- Acharya, Amitav** (2009), BA, Utkal University; MA, Jawaharlal Nehru University; PhD, Murdoch University; Professor of International Service
- Adams, Gordon W.** (2007), BA, Stanford University; MA, PhD, Columbia University; Professor of International Service
- Adams, James Michael** (2012), BA, Virginia Polytechnic Institute and State University; MA, PhD, The Ohio State University; Assistant Professor of Sociology
- Addington, Lynn** (2002), BS, Northwestern University; JD, University of Pennsylvania; MA, PhD, University at Albany, State University of New York; Associate Professor of Justice, Law and Society
- Addo, Emmanuel** (2010), BS, Kwame Nkrumah University; MS, Oregon State University; Instructor of Mathematics and Statistics
- Adhikari, Ajay** (1991), BA, Delhi University; MBA, PhD, Virginia Commonwealth University; Professor of Accounting and Taxation
- Adler, Jeffrey D.** (2007), AB, Princeton University; MS, PhD, The University of Chicago; Professor of Mathematics and Statistics and Department Chair
- Agolini, Susan** (2012), BS, The College of William and Mary; PhD, University of Virginia; Professorial Lecturer of Biology
- Ahmed, Akbar S.** (2001), BS, Birmingham University; PhD, University of London; Professor of International Service and Ibn Khaldun Chair of Islamic Studies
- Ahrens, Anthony H.** (1987), BA, Northwestern University; PhD, Stanford University; Associate Professor of Psychology
- Ala'i, Padideh** (1997), BA, University of Oregon; JD, Harvard University; Professor of Law
- Allen, Joanne Mary** (2012), BA, PhD, University of Warwick; MA, Courtauld Institute of Art; Professorial Lecturer of Art
- Alparslan, Ugur Tunçay** (2009), BS, Bilkent University; MS, PhD, Cornell University; Assistant Professor of Mathematics and Statistics
- Amirkhanyan, Anna A.** (2005), BA, MA, Yerevan State University; MS, New School for Social Research; PhD, Syracuse University; Associate Professor of Public Administration and Policy
- Anderson, Alida** (2009), BA, Colgate University; MA, Northwestern University; PhD, University of Maryland; Assistant Professor of Education, Teaching and Health
- Anderson, Jerome Jonas** (2011), BS, University of Utah; JD, Harvard University; Assistant Professor of Law
- Anderson, Kenneth** (1996), BA, University of California, Los Angeles; JD, Harvard University; Professor of Law
- Andrews, Anthony I.** (2007), BA, American University; MA, University of Westminster; Instructor of International Service and Professional and Extended Studies
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- Goodman, Louis W.** (1986), AB, Dartmouth College; MA, PhD, Northwestern University; Professor of International Service and Dean Emeritus, School of International Service
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- Graddy, Tevis Garrett** (2011), BA, Yale University; MA, Harvard Divinity School; PhD, University of Kentucky; Assistant Professor of International Service
- Graf, Joseph** (2006), BS, University of Wisconsin-Madison; MS, The Ohio State University; Assistant Professor of Communication
- Grandas, Ludy** (2011), BA, Universidad Pedagógica y Tecnológica de Colombia, MA, Universidad Distrital Francisco José de Caldas; PhD, George Mason University; Professorial Lecturer of World Languages and Cultures
- Grant, Stephanie** (2009), BA, Wesleyan University; MFA, New York University; Assistant Professor of Literature
- Gray, James J.** (1970), BA, Maryknoll College; MA, PhD, Fordham University; Professor of Psychology
- Gray, Mary W.** (1968), AB, Hastings College; JD, Washington College of Law of American University; MA, PhD, University of Kansas; Professor of Mathematics and Statistics
- Green Coleman, Llezlie** (2010), AB, Dartmouth College; JD, Columbia University; Practitioner in Residence of Law
- Greenberg, Gershon** (1973), BA, Bard College; PhD, Columbia University; Professor of Philosophy and Religion
- Green-Simms, Lindsey B.** (2011), BA, PhD, University of Minnesota; Assistant Professor of Literature
- Greene, Lance** (2009), BA, MA, University of Tennessee; PhD, University of North Carolina at Chapel Hill; Assistant Professor of Anthropology
- Grier, Sonya** (2006), BA, MBA, PhD, Northwestern University; Associate Professor of Marketing
- Grigera-Naon, Horacio** (2008), LLB, LLD, University of Buenos Aires; LLM, SJD, Harvard University; Distinguished Practitioner in Residence of Law
- Groen, Gerbrand** (2007), MA, University of Massachusetts; JD, University of Leiden; Instructor of International Service
- Gross, Rachel C.** (2012), BA, Smith College; PhD, The Johns Hopkins University; Professorial Lecturer of Sociology
- Grossman, Claudio** (1983), LD, University of Chile; PhD, University of Amsterdam; Professor of Law and Dean, Washington College of Law
- Grossman, Lewis A.** (1997), BA, MPhil, Yale University; JD, Harvard University; Professor of Law and Associate Dean of Research, Washington College of Law
- Grown, Caren** (2007), BA, University of California; MA, PhD, New School for Social Research; Economist in Residence of Economics
- Gumbrewicz, Jennifer C.** (2003), BA, American University; JD, Washington College of Law of American University; LLM, The George Washington University; Professorial Lecturer of Justice, Law and Society
- Gunter, Bernhard G.** (2012), Diploma, Albert Ludwigs University; MA, Georgetown University; PhD, American University; Assistant Professor of Economics
- Gunther, Kathleen Cimboric** (2002), BA, The Catholic University of America; MA, PhD, University of Delaware; Associate Professor of Psychology
- Gutner, Tamar L.** (1999), BS, Northwestern University; MA, The Johns Hopkins University; PhD, Massachusetts Institute of Technology; Associate Professor of International Service and Associate Dean, Faculty Affairs and Graduate Education
- Haaga, David A. F.** (1989), AB, Harvard University; AM, PhD, University of Southern California; Professor of Psychology
- Hachad, Naima** (2012), BA, DEA, MA, Université de Provence; PhD, Emory University; Assistant Professor of World Languages and Cultures
- Hafner, Tamara** (2010), BS, University of West Indies; MS, State University of New York, College of Environmental Science and Forestry; PhD, Syracuse University; Assistant Professor of Public Administration and Policy
- Hakim, Jeffrey L.** (1989), BA, University of Virginia; MS, The University of Chicago; PhD, Columbia University; Professor of Mathematics and Statistics
- Hall, Jane** (1998), BA, The University of Texas at Austin; MS, Columbia University; Associate Professor of Communication
- Handrahan, Lori M.** (2002), BS, Ithaca College; MA, Carleton University; PhD, London School of Economics and Political Science; Professorial Lecturer of International Service
- Hanna, Loubna Skalli** (2003), BA, Mohamed V University; MA, Essex University; PhD, The Pennsylvania State University; Assistant Professor of International Service
- Hansen, Mary Eschelbach** (1999), BS, St Louis University; PhD, University of Illinois; Associate Professor of Economics
- Hardig, Carl Anders** (2011), BS, MS, Linköping University; PhD, American University; Professorial Lecturer of International Service
- Hardy, Bradley Leon** (2011), BA, Morehouse College; MPP, Georgetown Public Policy Institute; MS, PhD, University of Kentucky; Assistant Professor of Public Administration and Policy
- Harr, David J.** (2012), BBA, PhD, University of Wisconsin-Madison; MS, Material Management Naval Postgraduate School; Executive in Residence of Accounting
- Harris, Jasmine Elwick** (2012), BA, Dartmouth College; JE, Yale University; Practitioner in Residence of Law
- Harry, Gregory M.** (2011), BS, California Institute of Technology; MS, PhD, University of Maryland, College Park; Assistant Professor of Physics
- Harshman, Nathan L.** (2003), BS, Duke University; PhD, The University of Texas at Austin; Associate Professor of Physics and Department Chair
- Hart, Philip Sol** (2010), BS, University of California, Davis; MS, University of Oregon; PhD, Cornell University; Assistant Professor of Communication
- Hartings, Matthew** (2010), BS, University of Dayton; PhD, Northwestern University; Assistant Professor of Chemistry
- Harvey, Michael** (2009), BS, Radford College; Instructor of Performing Arts
- Hassan, Mohamed M. Alaa Abdel-Moneim** (2011), BS, Cairo University, MPA, The George Washington University; Professorial Lecturer of International Service
- Hastak, Manoj** (1989), BSc, Birla Institute of Technology and Science; MBA, Indian Institute of Management; PhD, The Pennsylvania State University; Professor of Marketing
- Haulman, Kate** (2007), BA, Florida State University; MA, Southern Methodist University; MA, PhD, Cornell University; Assistant Professor of History
- Hauswald, Robert** (2002), MA, Université de Paris; MS, University of London; MS, PhD, Stanford University; Associate Professor of Finance and Real Estate

- Hayden, Craig A.** (2008), BA, University of California, Santa Cruz; MA, MA, PhD, University of Southern California; Assistant Professor International Service
- Hazimeh Glueck, Shaghaf I.** (2008), MS, University of Southern Mississippi; MA, William Carey College; Instructor of World Languages and Cultures
- Heap, Matthew** (2012), BFA, Carnegie Mellon University; MMus, Royal College of Music; PhD, University of Pittsburgh; Professorial Lecturer of Performing Arts
- Heckel, Heather** (2007), BA, Duke University; MA, PhD, Georgia State University; Assistant Professor of International Service and Professional and Extended Studies
- Heng-Blackburn, Pek** (2002), BA, MA, University of Auckland; PhD, University of London; Assistant Professor of International Service
- Henning, Randall** (1995), BA, Stanford University; MA, PhD, Tufts University; Professor of International Service
- Hercbergs, Dana** (2012), BA, The Ohio State University; MA, PhD, University of Pennsylvania; Postdoctoral Fellow in Israel Studies
- Hernandez, Consuelo** (1995), BA, University of Antioquia; MA, Simon Bolivar University; PhD, New York University; Associate Professor of World Languages and Cultures
- Herr, Nathaniel R.** (2012), BA, University of Pennsylvania; MA, PhD, University of California, Los Angeles; Assistant Professor of Psychology
- Hershberg, Eric** (2010), BA, Indiana University-Bloomington; MA, PhD, University of Wisconsin-Madison; Professor of Government and Director, Center for Latin American and Latino Studies
- Hiebert, Heidi** (2012), BA, University of California, Los Angeles; MA, Graduate Institute of International Studies; PhD, American University; Instructor of International Service
- Hirschmann, David** (1986), BA, LLB, MA, PhD, University of Witwatersrand; Professor of International Service and Division Director, International Development
- Hirzy, William** (2008), BS, PhD, University of Missouri; Chemist in Residence
- Hoare, Corinne E.** (2012), BA, University of San Diego; MA, American University; Instructor of Communication
- Holincheck, Nancy M.** (2012), BS, The College of William and Mary; MS, PhD, George Mason University; Professorial Lecturer of Education, Teaching and Health
- Holmberg, Stevan R.** (1977), BS, The University of Tulsa; MBA, DBA, Indiana University; Professor of Management and Department Chair
- Holtermann, Esther M.** (2000), BS, Reutlingen University; MA, American University; Professorial Lecturer of World Languages and Cultures
- Holtin, Andrew** (2008), BA, Freed-Hardeman University; MFA, Virginia Commonwealth University; Associate Professor of Art
- Hughes, Heather Lauren** (2007), BA, The University of Chicago; JD, Harvard University; Associate Professor of Law
- Hunter, David B.** (1997), BA, University of Michigan; JD, Harvard University; Associate Professor of Law and Director, International Legal Studies
- Husted, Thomas A.** (1986), AB, University of Michigan; PhD, University of North Carolina at Chapel Hill; Professor of Economics and Department Chair
- Hutchinson, Darren** (2002), BA, University of Pennsylvania; JD, Yale University; Professor of Law
- Ionici, Octavian Eugen** (2009), BS, MS, PhD, Academy of Economic Studies; MA, American University; Executive in Residence of Finance and Real Estate
- Irvine Belson, Sarah** (1995), BAE, MA, PhD, Arizona State University; Associate Professor of Education, Teaching and Health and Dean, School of Education, Teaching and Health
- Isaac, Alan G.** (1987), BA, BS, MA, PhD, University of California, Davis; Associate Professor of Economics
- Isa-Odidi, Nabila A.** (2011), BS, University of Toronto; JD, Washington College of Law of American University; Practitioner in Residence of Law
- Israeli, Alina A.** (1991), BA, Leningrad State University; MPhil, PhD, Yale University; Associate Professor of World Languages and Cultures
- Ivancin, Maria** (2003), BA, University of South Florida; MBA, University of Illinois; Associate Professor of Communication
- Ivers, Gregg** (1989), BA, University of Missouri; MA, PhD, Emory University; Professor of Government
- Jackowitz, Alison** (2004), BA, Colgate University; MPP, The College of William and Mary; MP, PhD, RAND Graduate School; Associate Professor of Public Administration and Policy
- Jackson, Monica C.** (2005), BS, MS, Clark Atlanta University; PhD, University of Maryland; Associate Professor of Mathematics and Statistics
- Jackson, Patrick Thaddeus** (2000), BA, Michigan State University; MA, MPhil, PhD, Columbia University; Professor of International Service and Associate Dean, Undergraduate Education
- Jacobs, Daniel** (2010), AB, Middlebury College; JD, Duke University; MPhil, Cambridge University; Executive in Residence of Management
- Jacobs, Frederic** (1985), BA, Dickinson College; MA, PhD, University of Pennsylvania; Professor of Education, Teaching and Health
- Jacobs, Justin Matthew** (2011), BA, MA, University of Washington; PhD, University of California, San Diego; Assistant Professor of History
- Jacoby, Philip F.** (1972), AB, Boston College; MS, Northeastern University; PhD, The George Washington University; CPA; Associate Professor of Accounting and Taxation
- Jaszi, Peter A.** (1976), AB, JD, Harvard University; Professor of Law and Director, Intellectual Property Clinic, Washington College of Law
- Jayaswal, Leena** (1999), BA, American University; MFA, Maryland Institute College of Art; Associate Professor of Communication
- Jennings, Caleen** (1989), BA, Bennington College; MFA, New York University; Professor of Performing Arts
- Jennings, Yves-Renee** (2012), Diploma, Ecole de Commerce Julian Craan; BA, MA, PhD, George Mason University; Professorial Lecturer of International Service
- Jeong, Yujin** (2012), BA, Ewha Womans University; MA, Sogang University; MA, MBA, PhD, The George Washington University; Assistant Professor of International Business

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- Jeronimides, Karina Roberta** (2010), BA, University of Illinois; MA, MPhil, PhD, Yale University; Instructor of World Languages and Cultures
- Jinnah, Sikina** (2009), BA, PhD, University of California; MS University of Montana; Assistant Professor of International Service
- Johnson, David A.** (2007), BA, Indiana University; MA, Texas A&M University; Assistant Professor of Communication
- Johnson, Leah** (1997), BA, Syracuse University; MA, University of Connecticut; MA, American University; Senior Professorial Lecturer of Literature
- Johnson, Philip R.** (2006), BS, MS, PhD, University of Maryland; Associate Professor of Physics
- Johnson, Robert** (1977), BA, Fairfield University; MA, PhD, University at Albany, State University of New York; Professor of Justice, Law and Society
- Johnston, Jocelyn** (2004), BA, LeMoyne College; MPA, PhD, Syracuse University; Associate Professor of Public Administration and Policy and Department Chair
- Jones, Cynthia E.** (2002), BA, University of Delaware; JD, Washington College of Law of American University; Associate Professor of Law
- Joyner, Patrick Kelly** (2000), BA, Virginia Polytechnic Institute and State University; MFA, George Mason University; Senior Professorial Lecturer of Literature
- Juliano, Laura M.** (2002), BA, MA, PhD, State University of New York at Binghamton; Associate Professor of Psychology
- Kahn, Nicholas Edward** (2012), BS, College of Charleston; Instructor of Public Administration and Policy
- Kakoudaki, Despina** (2007), BA, University of Athens; MA, PhD, University of California, Berkeley; Assistant Professor of Literature
- Kalman, Dan** (1993), BS, Harvey Mudd College; MA, PhD, University of Wisconsin-Madison; Professor of Mathematics and Statistics
- Kang, Ann** (2007), BA, University of California, Berkeley; MA, MA, PhD, Peabody Institute; Assistant Professor of Performing Arts
- Kapatou, Alexandra** (2011), BS, National and Cappodistrian University; MS, The University of Georgia; PhD, Virginia Polytechnic Institute and State University; Professorial Lecturer of Mathematics and Statistics
- Kaplan, Jeffrey B.** (2012), BS, PhD, University of Illinois, Chicago; Associate Professor of Biology and Director, Institute on Food and Health
- Karaesmen Aydin, Itir Z.** (2010), BSc, MSc, Middle East Technical University; MPhil, PhD, Columbia University; Assistant Professor of Information Technology
- Karch, Robert C.** (1969), BS, University of Maryland; MEd, EdD, American University; Professor of Education, Teaching and Health
- Karr, Susan** (2011), BA, University of Kansas, MA, PhD, The University of Chicago; Professorial Lecturer of Justice, Law and Society
- Kateeb, Rana Victoria** (2012), BA, MA, Jordan University of Science and Technology; Instructor of World Languages and Cultures
- Katkish, John R.** (2007), BS, University of Maryland; MBA, New York University; Executive in Residence of Finance and Real Estate
- Kautter, David J.** (2011), BA, University of Notre Dame; JD, Georgetown University; Executive in Residence of Accounting and Taxation
- Kearns, David N.** (2005), BA, Rutgers State University; MA, PhD, American University; Associate Professor of Psychology
- Keith, Elizabeth A.** (2008), BA, University of North Carolina at Chapel Hill; JD, George Mason University; Legal Rhetoric Instructor
- Kelley, John Robert** (2008), BA, Tufts University; MA, American University; PhD, London School of Economics and Political Science; Assistant Professor of International Service
- Keplinger, David** (2007), BA, MFA, The Pennsylvania State University; Associate Professor of Literature
- Kerr, Daniel Ross** (2011), BA, Carleton College; MA, PhD, Case Western Reserve University; Assistant Professor of History
- Kerwin, Cornelius M.** (1975), BA, American University; MA, University of Rhode Island; PhD, The Johns Hopkins University; Professor of Public Administration and Policy and President
- Kim, Kiho** (2000), BS, Brock University; MS, Florida International University; PhD, The State University of New York at Buffalo; Associate Professor of Environmental Science
- Kimes, Don** (1988), BA, Westminster College; MFA, City University of New York; Professor of Art and Director, Studio Art Program
- King, John C.** (1996), BA, MA, PhD, University of North Texas; Assistant Professor of International Service
- Kinsley, Benjamin B.** (2012), BFA, Cleveland Institute of Art; MFA, Carnegie Mellon University; Professorial Lecturer of Art
- Kippola, Karl M.** (2003), BA, University of Montana; MFA, Wayne State University; PhD, Assistant Professor of Performing Arts
- Kirkman, Larry** (2001), BA, Columbia University; MAT, Harvard University; Professor of Communication
- Kittrie, Nicholas N.** (1964), AB, LLB, MA, University of Kansas; LLM, SID, Georgetown University; University Professor of Law
- Klein, Gilbert F.** (2010), BA, Rollins College; MA, American University; Assistant Professor of Communication and Professional and Extended Studies
- Klein, Jill A.** (2001), BA, Cornell University; MBA, American University; Executive in Residence of Information Technology
- Klusmeyer, Douglas** (2001), BA, Northwestern University; JD, PhD, Stanford University; Associate Professor of Justice, Law and Society
- Knauer, Nancy J.** (2012), BA, JD, University of Pennsylvania; Visiting Professor of Law
- Knee, Karen** (2012), BS, Brown University; PhD, Stanford University; Assistant Professor of Environmental Science
- Knight, Sarah Cleeland** (2008), University of Washington; MS, PhD, Georgetown University; Assistant Professor of International Service
- Koch, Erin M.** (2012), BA, MA, American University; Instructor of Mathematics and Statistics
- Koernig, Dolores B.** (1980), AB, The University of Chicago; MA, PhD, Northwestern University; Professor of Anthropology
- Konaklieva, Monika Ilieva** (1999), MS, State University Medical Academy, Sofia; PhD, State University of New York at Buffalo; Associate Professor of Chemistry

- Kovacic-Fleischer, Candace** (1981), AB, Wellesley College; JD, Northeastern University; Professor of Law
- Kozey, Kathryn Noe** (2012), BA, Brown University; MA, University of Maryland; Instructor of Justice, Law and Society
- Kraft, Evan** (2011), BA, Princeton University; MS, PhD; The New School; Economist in Residence
- Kraiem, Daniela I.** (2006), BA, JD, University of California; Practitioner in Residence of Law
- Krasnow, Iris B.** (1994), AB, Stanford University; MA, Georgetown University; Assistant Professor of Communication and Professional and Extended Studies
- Kraut, Alan M.** (1974), BA, Hunter College; MA, PhD, Cornell University; University Professor of History
- Kravetz, Katharine** (1991), BA, Radcliffe College; JD, Georgetown University; Assistant Professor of Justice, Law and Society and Professional and Extended Studies
- Krische, Susan** (2010), BA, MA, University of Waterloo; MS, PhD, Cornell University; Associate Professor of Accounting and Taxation and Department Chair (Spring 2013)
- Krishnan, Gopal** (2012), MBA, Sam Houston State University; PhD, University of North Texas; Professor of Accounting
- Kruk, Serge G.** (2011), BA, MA, PhD, University of Waterloo; Visiting Associate Professor of Computer Science
- Kumar, Pallavi Damani** (2009), BA, American University; MA, Georgetown University; Assistant Professor of Communication
- Kunimoto, Thalia Namiko Athena** (2010), BA, MA, University of British Columbia; PhD, University of California, Berkeley; Assistant Professor of Art
- Kuznick, Peter J.** (1986), BA, MA, PhD, Rutgers State University; Associate Professor of History
- Lancaster, Illana** (2010), BA, University of Virginia; MEd, The George Washington University; PhD, University of Maryland; Assistant Professor of Education, Teaching and Health
- Lane, Ruth A.** (1967), BS, Simmons College; PhD, Georgetown University; Associate Professor of Government
- Lang, Elizabeth** (1999), BA, Randolph-Macon Woman's College; MA, University of Pennsylvania; Instructor of World Languages and Cultures
- Langa, Helen** (1994), BFA, Temple University; MA, University of Colorado; PhD, University of North Carolina at Chapel Hill; Associate Professor of Art and Director, Art History Program
- Langbein, Laura I.** (1973), BA, Oberlin College; PhD, University of North Carolina; Professor of Public Administration and Policy
- Lansky, Joshua** (2004), ScB, Brown University; AM, Harvard University; PhD, Harvard University; Associate Professor of Mathematics and Statistics
- Larkin, Teresa L.** (1996), BS, MS, South Dakota State University; PhD, Kansas State University; Associate Professor of Physics
- Laughlin, S. Sherburne** (2007), BA, Davidson College; MPPM, Yale University; Professorial Lecturer of Performing Arts and Director, Arts Management Program
- Law, Easten** (2010), BA, MA, Wheaton College; Assistant Professor of International Service and Washington Semester Program
- Lawless, Jennifer L.** (2009), BA, Union College; MA, PhD, Stanford University; Associate Professor of Government
- Lawrence, Adrea** (2006), BA, MA, University of Colorado at Boulder; PhD, Indiana University; Associate Professor of Education, Teaching, and Health
- Lawrence, Christine C.** (2009), BA, Chaminade College; MA, Georgetown University; MA, American University; Assistant Professor of Communication
- Leap, William L.** (1970), BA, Florida State University; PhD, Southern Methodist University; Professor of Anthropology
- LeBas, Adrienne M.** (2008), BA, University of Florida; PhD, Columbia University; Assistant Professor of Government
- L'Ecuyer, Ann** (2012), BGS, Northern Arizona University; Instructor of Performing Arts
- Lee, Gwanhoo** (2003), BA, MA, Seoul National University; PhD, University of Minnesota; Associate Professor of Information Technology
- Lee, Ji-Young** (2011), BA, EWHA Women's University; MA, Edmund A Walsh School of Foreign Service; MA, Seoul National University; PhD, Georgetown University; Assistant Professor of International Service
- Leff, Benjamin** (2009), BA, Oberlin College; JD, Yale University; AM The University of Chicago; Associate Professor of Law
- Leff, Lisa** (2009), BA, Oberlin College; MA, PhD, The University of Chicago; Associate Professor of History
- Leighley, Jan E.** (2010), BA, MA, University of Akron; PhD, Washington University; Professor of Government and Interim Senior Associate Dean
- Leighton, Kimberly** (2009), BA, Sarah Lawrence College; PhD, University of Massachusetts; Assistant Professor of Philosophy and Religion
- Leiter, Amanda Cohen** (2011), BS, MS, Stanford University; MS, University of Washington; JD, Harvard University; Associate Professor of Law
- LeoGrande, William M.** (1978), AB, MA, PhD, Syracuse University; Professor of Government
- Leonard, Keith** (1999), BA, Yale University; MA, University of North Carolina; PhD, Stanford University; Associate Professor of Literature
- Lerman, Robert I.** (1989), AB, Brandeis University; PhD, Massachusetts Institute of Technology; Professor of Economics
- LeVan, Arthur Carl** (2006), BA, The George Washington University; MA, American University; PhD, University of California, San Diego; Assistant Professor of International Service
- Levine, Alan M.** (1994), BA, The University of Chicago; MA, PhD, Harvard University; Associate Professor of Government
- Levine, Elise** (2011), Diploma, Centennial College of Applied Arts and Technology; BA, University of Toronto; MFA, Vermont College of Fine Arts; Assistant Professor of Literature
- Levinson, Jerome** (1996), BA, LLB, Harvard University; Distinguished Lawyer in Residence
- Levinson, Nanette S.** (1979), AB, EdM, EdD, Harvard University; Associate Professor of International Service
- Lewis, Charles R.E.** (2006), BA, University of Delaware; MS, The Johns Hopkins University; Professor of Communication
- Lichtman, Allan J.** (1973), BA, Brandeis University; PhD, Harvard University; Distinguished Professor of History
- Limarzi, Michael** (2011), BA, Georgetown University; MA, PhD, The Johns Hopkins University; Professorial Lecturer of Mathematics and Statistics

- Lin, Daniel** (2008), BA, University of California, Los Angeles; PhD, George Mason University; Professorial Lecturer of Economics
- Lindsay, Emily L.** (2008), BA, Dickinson College; MS, American University; Executive in Residence of Accounting and Taxation
- Linowes, Richard G.** (1986), BA, Princeton University; MS, University of Michigan; DBA, Harvard University; Assistant Professor of Management
- Linville, Heather A.** (2010), BA, Northeast Missouri State University; MA, University of Maryland; Instructor of World Languages and Cultures
- Little, Vanessa D.** (2012), BS, Colorado State University, Pueblo; MS, George Mason University; Instructor of Mathematics and Statistics
- Loesberg, Jonathan** (1982), AB, Brown University; MA, PhD, Cornell University; Professor of Literature and Department Chair
- Lohr, Eric J.** (2003), BA, University of Wisconsin-Madison; MA, PhD, Harvard University; Associate Professor of History
- Lowenthal, Diane J.** (2000), BA, University of Michigan; PhD, Carnegie Mellon University; Assistant Professor of Government and Professional and Extended Studies
- Lowry, David Shane** (2012), BS, Massachusetts Institute of Technology; MA, PhD, University of North Carolina at Chapel Hill; Professorial Lecturer of Anthropology
- Lu, Jie** (2009), BE, AM Tsinghua University; AM, PhD, Duke University; Assistant Professor of Government
- Lu, Jun** (2004), BS, East China Normal University; MS, PhD, University of Missouri; Associate Professor of Mathematics and Statistics
- Lubbers, Jeffrey S.** (1997), AB, Cornell University; JD, The University of Chicago; Professor of the Practice of Law
- Lublin, David** (1998), BA, Yale University; AM, PhD, Harvard University; Professor of Government
- Lubrano, Linda** (1968), BA, Hunter College; MA, PhD, Indiana University; Professor of International Service
- Lumsdaine, Robin Lynn** (2008), ScB, Brown University; MA, PhD, Harvard University; Professor of Finance and Real Estate
- Lusane, Clarence** (1997), BA, Wayne State University; MA, PhD, Howard University; Professor of International Service and Division Director, Comparative and Regional Studies
- Lustig, Josef** (1990), BA, The University of Iowa; MA, American University; MA, New York University; PhD, Film and Television Academy of Performing Arts; Professorial Lecturer of International Service and Professional and Extended Studies
- Lynch, Dotty** (2006), BA, Marymount Manhattan College; MA, Fordham University; Executive in Residence of Communication
- MacAvoy, Stephen E.** (2001), BS, Fairfield University; MS, PhD, University of Virginia; Assistant Professor of Environmental Science
- Mady, Sarah** (2011), BA, Alexandria University; MBA, PhD; Old Dominion University; Assistant Professor of International Business
- Maguire, Edward** (2008), BS, University of Massachusetts; MA, PhD, University at Albany, State University of New York; Professor of Justice, Law and Society and Department Chair
- Maher, Brigid** (2004), BA, The Colorado College; MFA, Northwestern University; Associate Professor of Communication
- Maisch, Christian Joaquin** (1988), BA, Ohio Dominican College; MA, PhD, American University; Assistant Professor of International Service and Professional and Extended Studies and Associate Dean, School of Professional and Extended Studies
- Malloy, Elizabeth** (2006), BS, Virginia Polytechnic Institute and State University; MA, PhD, University of New Mexico; Associate Professor of Mathematics and Statistics
- Malone, Patrick S.** (2011), BS, Southwest Texas State University; MS, Trinity University; PhD, American University; Executive in Residence of Public Administration and Policy
- Maloney, Kristin D.** (2005), BA, University of Virginia; MA, American University; Instructor of World Languages and Cultures
- Mance, Gishawn A.** (2008), BS, Bethune-Cookman College; MS, Florida A&M University; MA, PhD, DePaul University; Assistant Professor of Psychology
- Marcus, Daniel** (2005), BA, Brandeis University; LLB, Yale University; Practitioner in Residence of Law
- Mardirosoian, Gail Humphries** (1983), BA, Allegheny College; MA, PhD, American University; Associate Professor of Performing Arts
- Maroto, Maya** (2011), BS, Auburn University; MPH, University of North Carolina; Instructor of Education, Teaching, and Health
- Marquis, Justin R.** (2012), BA, MA, Purdue University; PhD, Loyola University Chicago; Professorial Lecturer of Philosophy and Religion
- Marr, Margaret H.** (2007), AB, University of California, Berkeley; JD, Yale University; Assistant Professor of Justice, Law and Society
- Marshak, Robert Joseph** (1983), BA, Duke University; MPA, PhD, American University; Senior Scholar in Residence of Public Administration and Policy
- Martin, Gerald S.** (2007), BBA, MBA, MS, PhD, Texas A&M University; Professor of Finance and Real Estate
- Martinez Prantte, Ana** (2010), BA, Universidad Catolica Nuestra Senora de la Asuncion; MA, Universidad de las Americas; MA, Escuela de Lexicografia Hispanica; Instructor of World Languages and Cultures
- Martinez, Caron** (2008), BA, Williams College; MS, London School of Economics and Political Science; MFA, George Mason University; Professorial Lecturer of Literature
- Martinez, Dina Marie** (2007), BA, MA, American University; Professorial Lecturer of Communication
- Martinez, Juliana** (2012), BA, Universidad de los Andes, Bogota-Colombia; PhD, University of California, Berkeley; Professorial Lecturer of World Languages and Cultures
- Martin-McCormick, David M.** (2010), BA, MA, University of Oregon; PhD, University of Hawaii; Scholar in Residence of International Service
- Marvel, John** (2012), BA, Amherst College; Instructor of Public Administration and Policy
- Maslova, Inga** (2009), BS, Vilnius University; MS, PhD, Utah State University; Assistant Professor of Mathematics and Statistics
- Mass, Michael Alan** (1974), BS, University of Pennsylvania; JD, Georgetown University; Associate Professor of Accounting and Taxation
- Matthijs, Matthias M.** (2008), MS, University of Antwerp; MA, PhD, The Johns Hopkins University; Assistant Professor of International Service

520 2012–2013 Full-Time Faculty

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- Mazvancheryl, Sanal** (2007), MBA, Indian Institute of Management, Calcutta; PhD, University of Michigan; Assistant Professor of Marketing
- McCann, Richard** (1988), BA, Virginia Commonwealth University; MA, Hollins College; MA, PhD, University of Iowa; Professor of Literature
- McCarthy, Barry W.** (1969), BA, Loyola University; MA, PhD, Southern Illinois University; Professor of Psychology
- McCarthy, Jocelyn A.** (2004), BA, Cornell University; MFA, American University; Professorial Lecturer of Literature
- McCurdy, Howard E.** (1968), BA, MA, University of Washington; PhD, Cornell University; Professor of Public Administration and Policy
- McDonald, Heather A.** (2008), BA, Washington and Lee University; Professorial Lecturer of Literature
- McDonic, Susan Mary** (2005), BA, York University; MA, PhD, Duke University; Assistant Professor of Anthropology
- McNeil, Bryan Thomas** (2008), BA, PhD, University of North Carolina; Assistant Professor of Anthropology
- Medwin, Marc** (2008), BA, Ithaca College; MA, PhD, University of North Carolina at Chapel Hill; Assistant Professor of Performing Arts
- Mehlert, Peter** (1972), BS, Boston University; MEd, American University; Assistant Professor of Education, Teaching and Health
- Mehta, Nimai M.** (2007), BCom, MCom, Bombay University; MA, PhD, George Mason University; Assistant Professor of Economics and Professional and Extended Studies
- Melillo Farrill, Wendy** (2007), BA, MA, American University; MA, The Johns Hopkins University; Assistant Professor of Communication
- Mendez, Juan E.** (2009), JD, Stella Maris Catholic University; Visiting Professor of Law
- Menke-Fish, Sarah Frances** (2003), BA, University of Northern Iowa; MA, American University; Assistant Professor of Communication and Director, University College and Learning Communities
- Menninger, Carl** (2004), BS, Northwestern University; MA, Emerson College; Assistant Professor of Performing Arts
- Menon, Madhavi** (2004), BA, MA, University of Delhi, PhD, Tufts University; Professor of Literature
- Merrill, Thomas** (2009), BA, The University of Chicago; MA, PhD, Duke University; Assistant Professor of Government
- Mertus, Julie A.** (2000), BS, Cornell University; JD, Yale University; Professor of International Service
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- Heywood, John Q.** (1987), BS, Northern Arizona University; JD, Washington College of Law of American University; Associate Law Librarian
- Ho, Clement** (2002), BA, BA, MA, MLIS, University of Alberta; Associate Librarian
- Hodges, Alex R.** (2003), BA, University of Florida; MLS, University of Maryland; Associate Librarian
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- Kaufman, Billie Jo** (2003), BS, MS, Indiana University; JD, Nova University; Professor of Law, Law Librarian and Associate Dean for Library and Information Resources
- Lewis, Christopher** (1992), BA, University of Cincinnati; MLS, Indiana University; Associate Librarian
- Lewis, Susan J.** (1999), BA, University of California, Los Angeles; JD, Southwestern University; MLibr, University of Washington; Law Librarian
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- Matos, Michael A.** (2007), BA, University of Maryland; MA, MLIS, Florida State University; Assistant Librarian
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Reece, Gwendolyn Jayne (1998), BA, Miami University; MA, University of California, Santa Barbara; MS, Simmons College; PhD, American University; Associate Librarian
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536 2012–2013 Adjunct Faculty

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548 2012–2013 Adjunct Faculty

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Index

- Abroad at AU, 15
Academic Calendar, 4
Academic dismissal
 graduate, 72
 undergraduate, 55
Academic Integrity Code, 47
Academic load
 graduate, 71
 undergraduate, 55
Academic probation
 graduate, 72
 undergraduate, 55
Academic programs, 7
Academic Support and Access Center, 16
Academic warning
 graduate, 72
 undergraduate, 55
Accounting
 BS, 214
 courses (ACCT), 334
 graduate certificate in Forensic
 Accounting, 237
 minor, 221
 MS, 230
Accreditation, 3
Addiction and Addictive Behavior
 graduate certificate, 185
Adding courses, 33
Administration, University, 2
Admission
 graduate, 26
 international students, 27
 part-time study, 25
 undergraduate, 23
 undergraduate, transfer, 23
Advanced Leadership Studies
 undergraduate certificate, 307
Advanced Placement, 60
Advancement to candidacy, graduate, 79
Advising, academic, 29
African American and African
 Diaspora Studies
 minor, 83
Alumni audit program, 33
American Installment Plan, 38
American Politics
 Washington Semester, 298
American Studies, 84
 BA, 84
 courses (AMST), 337
 minor, 84
American University Club Council
 (AUCC), 19
American University Conflict
 Resolution Services (AUCRS), 18
Americas, The
 graduate certificate, 289
Anthropology, 85
 BA, 85
 BA/MA, 86
 courses (ANTH), 337
 graduate certificate in Public, 87
 MA in Public, 87
Anthropology (cont.)
 minor, 86
 minor in Public, 86
 PhD, 88
 undergraduate certificate in Public, 86
Applied Ethics and Professional
 Responsibility,
 undergraduate certificate, 174
Applied Mathematics
 BS, 154
 BS/MA, 155
Applied Microeconomics
 graduate certificate, 117
Applied Physics
 minor, 178
 undergraduate certificate, 179
Applied Politics
 Graduate Gateway Program, 296
Applied Statistics
 graduate certificate, 161
 undergraduate certificate, 160
Arab World Studies
 BA, 89
 minor in Arab Studies, 90
 undergraduate certificate in Arab
 Studies, 88
Arabic
 courses (ARAB), 495
 BA in Arabic Studies, 201
 minor in Arabic language, 202
Art, 91
 BA in Art History, 92
 BA in Graphic Design, 92
 BA in Studio Art, 94
 BFA, 95
 courses (ARTH), 340
 courses (ARTS), 344
 courses (GDES), 386
 MA in Art History, 97
 MFA in Studio Art, 97
 minor in Art History, 96
 minor in Graphic Design, 96
 minor in Studio Art, 96
Art History
 BA, 92
 courses (ARTH), 340
 MA, 97
 minor, 96
Arts and Sciences, College of (CAS), 81
Arts Management
 graduate certificate, 170
 MA, 170
Asian Studies
 BA, 98
 graduate certificate, 100
 undergraduate certificate, 99
Athletics and Recreation, 13
Attendance, class, 35
AU Abroad, 15
Audio Production
 BA, 163
 graduate certificate, 171
Audio Technology
 BS, 164
 courses (ATEC), 346
 MA, 170
 minor, 169
Audit
 alumni program, 33
 graduate, 73
 registration, 31
Bachelor's/master's programs, 57
 Kogod School of Business, 224
Behavior, Cognition, and Neuroscience
 PhD, 186
Bilingual Education
 graduate certificate, 135
 MA, 127
 MAT, 129
Biochemistry
 BS, 104
 BS/MS in Chemistry, 105
 minor, 106
 See also Chemistry
Biology, 101
 BS, 101
 BS/MA or MS, 102
 courses (BIO), 348
 MA, 102
 MS, 103
 MS in Professional Science:
 Biotechnology, 103
 minor, 102
Biotechnology
 Graduate Gateway Program, 296
Board of Trustees, 2
Business Administration
 BSBA, 212
 graduate certificates, 236
 JD/MBA, 229
 LLM/MBA, 230
 MBA, 225
 minor, 222
Business and Entertainment
 BS, 216
Business, Kogod School of (KSB), 209
 See Kogod School of Business
Business, Language & Culture Studies
 BS, 218

Calendar, academic, 4
Campaign Management Institute, 302
Campus Life, 15
Cancellation of Classes, emergency, 35
Cancellation of courses, 35
Capstone experience, graduate, 76
Career Center, 20
Career Services, 20
Certificate programs
 graduate, 10, 77
 undergraduate, 8, 58
Certification of enrollment, 51
Changes in registration, 33

Index

- Changing World of News Media
Graduate Gateway Program, 296
- Chemistry, 104
BS, 105
BS/MS, 106
courses (CHEM), 351
MS, 107
minor, 106
See also Biochemistry
- Child Development Center, 14
- Chinese
courses (CHIN), 497
minor in Chinese Language, 202
- Cinema Studies, Literature:
minor, 152
- Class attendance, 35
- Class periods, 34
- Class standing, undergraduate, 56
- CLEG (Communication, Legal Institutions, Economics, and Government)
BA, 306
See also Government
- CLEP (College Level Examination Program), 60
- Clinical Psychology
PhD, 187
- Club Council, American University, 19
- College of Arts and Sciences (CAS), 81
- College Writing requirement,
university, 61
- Commencement, participation in, 53
- Communication Media, Foreign
Language and
BA, 202, 248
- Communication, International
MA, 274
- Communication, Legal Institutions, Economics, and Government (CLEG)
BA, 306
See also Government
- Communication, School of (SOC), 239
BA in Communication:
Communication Studies, 242
BA in Communication:
Film and Media Arts, 244
BA in Communication: Journalism, 245
BA in Communication:
Public Communication, 247
BA in Foreign Language and
Communication Media, 248
bachelor's/MA in Strategic
Communication, 256
courses (COMM), 353
graduate certificate in Digital
Media, 256
MA in Communication: Journalism and
Public Affairs, 250
MA in Communication: Producing for
Film and Video, weekend, 251
MA in Film and Video, 251
MA in Interactive Journalism,
weekend, 252
MA in International Media, 252
- Communication, School of (SOC) (cont.)
MA in Media Entrepreneurship, 254
MA in Political Communication, 254
MA in Strategic Communication, 255
MA in Strategic Communication,
weekend, 256
MFA in Film and Electronic
Media, 257
minor in Communication, 249
PhD in Communication, 258
- Community Engagement & Service,
Center for, 16
- Community Service-Learning Projects, 32
- Comparative and International
Disability Policy
MA in International Affairs, 270
- Comparative and Regional Studies
graduate certificate, 290
MA in International Affairs, 270
- Comprehensive examinations,
graduate, 78
- Computational Mathematics
minor, 109, 159
- Computational Science
BS, 108, 155
- Computer Science, 107
BS, 108
BS in Computational Science, 108
BS/MS, 109
courses (CSC), 367
graduate certificate, 110
MS, 110
minor, 109
minor in Computational
Mathematics, 109
- Computing Resources, 12
- Conduct Council, 18
- Congressional and Presidential Studies,
Center for, 302
- Consortium of Universities of the
Washington Metropolitan Area, 32
- Counseling Center, 16
- Course
descriptions and syllabuses, 34
final exam policy, 35
numbers, 34
prerequisites, 34
waitlist rules, 35
- Creative Writing
MFA, 153
minor, 152
See also Literature
- Credit hour requirement
graduate, 76, 78
undergraduate, 56
- Credit hour value, 34
- Cross-Cultural Communication
graduate certificate, 285
- Curriculum and Instruction
graduate certificate, 136
MEd, 133
- Dance**
minor, 169
- Dean of Students, 15
- Dean's list, undergraduate, 70
- Declaration of major, undergraduate, 58
- Degree regulations, university
graduate, 76, 78
undergraduate, 56
- Democracy and Election Management,
Center for, 303
- Development Management
graduate certificate, 286
MS, 284
- Digital Media
graduate certificate, 256
- Dining services and stores, 14
- Disability Support Services
See Academic Support and Access
Center
- Dismissal, academic
graduate, 72
undergraduate, 55
- Dissertation
committee, 78
examination, 79
submission and publication, 75
- Diversity & Inclusion, Center for, 16
- Dropping courses, 33
- Dual degrees
graduate, 76
undergraduate, 57
- Early admission, 24**
- Early Childhood Education
graduate teaching certificate, 137
MAT, 129
- Early decision, 24
- Economics, 111
BA, 111
BA/MA, 112
BS, 113
BS/MA, 113
BS in Mathematics and
Economics, 114
BS in Mathematics and
Economics/MA, 114
courses (ECON), 369
graduate certificate in Applied
Microeconomics, 117
graduate certificate in Gender
Analysis in Economics, 118
graduate certificate in International
Economic Relations, 118
MA, 115
MA in International Economics, 116
minor, 115
PhD, 119
- Education, 121
BA in Elementary Education, 123
bachelor's/MA in Special Education:
Learning Disabilities, 129
bachelor's/MAT, 131
courses (EDU), 375

Index

- Education (cont.)
graduate certificate in Bilingual Education, 135
graduate certificate in Curriculum and Instruction, 136
graduate certificate in teaching, 137
MA in Bilingual Education, 127
MA in International Training and Education, 128
MA in Special Education: Learning Disabilities, 129
MAT, 129
MAT/MA in International Peace and Conflict Resolution, 131
MEd in Curriculum and Instruction, 133
minor in Education Studies, 127
minor in Special Education, 127
secondary education, 126
See also Health Promotion Education, Teaching and Health, School of (SETH), 121
See also Education; Health and Fitness; Health Promotion; Teaching
- Elementary Education
BA, 123
graduate teaching certificate, 137
MAT, 129
See also Education; Teaching
- Employee tuition benefits, 38
- English for Speakers of Other Languages (ESOL)
graduate teaching certificate, 137
MAT, 129
- English language requirements, 27
- Enrollment certification, 51
- Entrepreneurship
graduate certificate, 236
- Environmental Assessment
graduate certificate, 143
- Environmental Policy, Center for, 303
- Environmental Science, 139
bachelor's/MS, 142
BA in Environmental Studies, 139
BS, 141
courses in Environmental Studies (ENVS), 381
graduate certificate in Environmental Assessment, 143
MS, 142
MS in Professional Science: Environmental Assessment, 143
minor, 141
- Environmental Studies
See Environmental Science
- Ethics, Peace and Global Affairs
MA, 175, 267
- European Studies
graduate certificate, 286
undergraduate certificate, 266
- Evaluation of progress, undergraduate, 58
- Examination of dissertation, 79
- Faculty**
Adjunct, 2012–2013, 533
Full-time, 2012–2013, 509
- FERPA, 48
- Fields of study
changes in undergraduate, 56
- Film and Electronic Media
MFA, 257
- Film and Video
MA, 251
- Final exam policy, 35
- Finance
BS, 220
courses (FIN), 383
minor, 222
MS, 231
See also Real Estate
- Financial aid
graduate, 43
undergraduate, 40
veterans' benefits, 45
- Fine Arts
BFA, 95
MFA, (art), 97
MFA, (creative writing), 153
MFA, (film and electronic media), 257
- Foreign Language and Communication
Media
BA, 202, 248
- Foreign Policy
Washington Semester, 298
- Forensic Accounting
graduate certificate, 237
- Foundational Area requirements, 62
- Fraternities, 19
- French
BA in French Studies, 201
courses (FREN), 498
graduate certificate in translation, 207
minor in French Language, 202
undergraduate certificate in translation, 206
- French/Europe, Language and Area Studies:
BA, 204
minor, 206
- Freshman forgiveness, 52
- Full-time enrollment
graduate, 71
undergraduate, 55
- Gender Analysis in Economics**
graduate certificate, 118
- General Education Program, 62
courses (GNED), 387
- German
BA in German Studies, 201
courses (GERM), 500
minor in German Language, 202
undergraduate certificate in translation, 206
- German/Europe, Language and Area Studies:
BA, 204
minor, 206
- Global Business and Trade
Graduate Gateway Program, 296
- Global Economics and Business
Washington Semester, 299
- Global Environmental Policy
bachelor's/MA, 269
graduate certificate, 290
MA, 267
- Global Governance, Politics, and Security
MA in International Affairs, 271
- Global Information Technology
graduate certificate, 287
- Global Scholars Program, 260
- Good Academic Standing
graduate, 71
undergraduate, 55
- Government, 304
BA in Political Science, 304
BA in Interdisciplinary Studies: Communication, Legal Institutions, Economics, and Government, 306
courses (GOVT), 387
graduate certificate in Women, Policy, and Political Leadership, 310
MA in Political Communication, 309
MA in Political Science, 308
minor in Political Science, 307
PhD in Political Science, 310
undergraduate certificate in Advanced Leadership Studies, 307
undergraduate certificate in Women, Policy, and Political Leadership, 307
- Grade point average (GPA), 51
graduate, 73
undergraduate, 56
- Grades
audit, graduate, 73
changes in, 52
in progress, 52
incomplete, 52, 73
pass/fail, 51, 73
SP/UP, 73
- Grading system, 51, 73
- Graduate Gateway Program, 295
Applied Politics, 296
Biotechnology, 296
Changing World of News Media, 296
Global Business and Trade, 296
International Affairs, 296
- Graduate Leadership Council (GLC), 19
- Graduate programs, 9
College of Arts and Sciences, 82
Kogod School of Business, 225
School of Communication, 250
School of International Service, 267
School of Public Affairs, 302
- Graduation, application for, 53
- Graduation honors, 70
- Grants, 42

Index

- Graphic Design
BA, 92
courses (GDES), 386
minor, 96
See also Art
- Greenberg Theatre, 12
- Grievance policy, student academic, 47
- H**ealing, Psychobiology of
graduate certificate, 186
- Health and Fitness
courses (HFIT), 396
See also Education; Health Promotion
- Health insurance, student, 18
- Health Promotion, 123
BS, 125
BS/MS, 125
graduate certificate in Nutrition
Education, 136
MS in Health Promotion
Management, 134
minor, 127
See also Education; Health and Fitness
- Hebrew
courses (HEBR), 502
- History, 144
BA, 144
BA/MA, 145
courses (HIST), 400
MA, 145
minor, 145
PhD, 146
- Honorary Societies, 11
Kogod School of Business, 211
School of International Service, 261
School of Public Affairs, 302
- Honors, graduation
Latin honors, 70
University honors, 70
- Housing and Dining Programs
(HDP), 16
- Housing charges, 36
- I**n progress grades, 52
- Incomplete grades, 52, 73
- Independent study
graduate, 74
registration, 32
undergraduate, 32
- Individualized
majors, undergraduate, 58
minors, undergraduate, 58
- Information Systems and Technology
minor, 222
- Information Technology
courses (ITEC), 410
- Interactive Journalism
weekend MA program, 252
- Interdisciplinary
courses (IDIS), 410
- International Affairs
Graduate Gateway Program, 296
JD/MA, 273
MA, 269
- International Arts Management
graduate certificate, 171, 287
- International Business
courses (IBUS), 408
minor, 222
- International Communication
graduate certificate, 290
MA, 274
- International Development
graduate certificate, 291
MA, 275
MA/MTS, 276
- International Economic Policy
graduate certificate, 291
- International Economic Relations
graduate certificate, 118, 288
MA in International Affairs, 271
- International Economics
MA, 116, 276
- International Environment and
Development
Washington Semester, 299
- International Gateway Program, 297
- International Law and Organizations
Washington Semester, 299
- International Media
MA, 252, 277
- International Peace and Conflict
Resolution
graduate certificate, 291
MA, 278
MA/MAT, 131, 280
MA/MTS, 281
- International Politics
graduate certificate, 292
- International Relations
MA, 281
PhD, 286
- International Service, Master of
(MIS), 283
- International Service, School of
(SIS), 259
BA in International Studies, 262
courses (SIS), 471
courses (SISA), 483
courses (SISU), 464
graduate certificate in Cross-Cultural
Communication, 285
graduate certificate in Development
Management, 286
graduate certificate in European
Studies, 286
graduate certificate in Global
Information Technology, 287
graduate certificate in International Arts
Management, 287
graduate certificate in International
Economic Relations, 288
- International Service, School of (cont.)
graduate certificate in
Peacebuilding, 288
graduate certificate in
The Americas, 289
graduate professional development
certificates, 290
JD/MA in International Affairs, 273
MA in Ethics, Peace, and Global
Affairs, 267
MA in Global Environmental
Policy, 267
MA in International Affairs, 269
MA in International
Communication, 274
MA in International Development, 275
MA in International Economics, 276
MA in International Media, 277
MA in International Peace and Conflict
Resolution, 278
MA in International Relations, 281
MA in Social Enterprise, 282
MAT/MA in International Peace and
Conflict Resolution, 280
minor in International Studies, 266
MIS (Master of International
Service), 283
MS in Development Management, 284
MTS/MA in International
Development, 276
MTS/MA in International Peace and
Conflict Resolution, 281
PhD in International Relations, 292
undergraduate certificate in European
Studies, 266
undergraduate certificate in
International Studies, 266
- International student
admission, 27
English language requirements, 27
registration, 31
visa requirement, 27
- International Student & Scholar Services
(ISSS), 17
- International Studies
BA, 262
BA/MA, 265
minor, 266
undergraduate certificate, 266
- International Training and Education
MA, 128
- Internships, 21
maximum credit, graduate, 74
maximum credit, undergraduate, 57
registration, 31
- Interruption of Studies, 53
- Intramural sports, 14
- Israel Studies
minor 147, 148
- Italian
courses (ITAL), 502

Index

- Italian/Europe, Language and Area Studies:
 minor, 206
- J**apanese
 courses (JAPN), 503
 minor in Japanese Language, 202
- Japanese/Asia, Language and Area Studies:
 minor, 206
- Jewish Studies, 147
 BA, 147
 courses (JWST), 421
 minor, 148
- Joint degree, 76
- Journalism and New Media
 Washington Semester, 299
- Justice and Law
 Washington Semester, 300
See also Justice, Law and Society
- Justice, Law and Society, 312
 BA in Justice and Law, 312
 BA in Law and Society, 313
 BA/MS, 313, 314
 courses (JLS), 415
 JD/MS, 317
 minor in Justice, 315
 minor in Law and Society, 315
 MS, 315
 PhD, 317
- K**atzen Arts Center, 12
- Kay Spiritual Life Center, 17
- Key Executive Leadership, MPA, 321
- Kiswahili
 courses (SWAH), 508
- Kogod School of Business (KSB), 209
 BSBA, 212
 BS in Accounting, 214
 BS in Business and Entertainment, 216
 BS in Business, Language & Culture Studies, 218
 BS in Finance, 220
 courses (KSB), 421
 graduate certificate in Business Fundamentals, 236
 graduate certificate in Entrepreneurship, 236
 graduate certificate in Forensic Accounting, 237
 graduate certificate in Real Estate, 237
 graduate certificate in Tax, 238
 JD/MBA, 229
 LLM/MBA, 230
 MBA, 225
 minor in Accounting, 221
 minor in Business Administration, 222
 minor in Finance, 222
 minor in Information Systems and Technology, 222
 minor in International Business, 222
 minor in Leadership and Management, 223
- Kogod School of Business (cont.)
 minor in Marketing, 223
 MS in Accounting, 230
 MS in Finance, 231
 MS in Management, 232
 MS in Marketing, 233
 MS in Real Estate, 233
 MS in Sustainability Management, 234
 MS in Taxation, 235
- Korea University-AU Exchange, 260
- Korean
 courses (KOR), 503
- L**anguage and Area Studies
 BA, 204
 minor, 206
See also World Languages and Cultures
- Language Exploration, Acquisition, and Research, Center for, 200
- Latin America, Spanish/, Language and Area Studies:
 BA, 204
 minor, 206
- Latin American Studies, Spanish:
 MA, 207
- Latin honors, 70
- Law and Society
 BA, 313
 BA/MS, 314
 minor, 315
See also Justice, Law and Society
- Law, Washington College of, 331
- Leadership and Management
 minor, 223
- Leadership for Organizational Change
 graduate certificate, 326
- Learning Services Program, 25
- Leave of absence
 graduate, 53
 undergraduate, 58
- Liberal Studies
 BA, 149
- Library, university, 12
- Licensure, 3
- Literature, 150
 BA, 150
 BA/MA, 151
 courses (LIT), 424
 MA, 153
 MFA in Creative Writing, 153
 minor, 152
 minor in Creative Writing, 152
 minor in Literature: Cinema Studies, 152
- Load, academic
 graduate, 71
 undergraduate, 55
- Loans
 graduate, 44
 undergraduate, 42
- M**aintaining matriculation, graduate, 32
- Majors, undergraduate, 7
 declaration of, 58
 double, 58
 individualized, 58
 requirements, 58
- Management
 courses (MGMT), 433
 MS, 232
- Marketing
 courses (MKTG), 436
 minor, 223
 MS, 233
- Master's International (MI), 261
- Mathematics, 154
 BS, 156
 BS in Applied Mathematics, 154
 BS in Applied Mathematics/MA, 155
 BS in Computational Science, 155
 BS in Mathematics and Economics, 157
 BS/MA, 157
 BS/MS in Statistics, 159
 courses (MATH), 430
 BS/Secondary Education, 157
 MA, 160
 minor, 159
 minor in Computational Mathematics, 159
See also Statistics
- Mathematics and Economics
 BS, 114, 157
 BS/MA in Economics, 114
- Mathematics Requirement,
 University, 61
- Meal plan charges, 36
- Media Entrepreneurship
 MA, 254
- Media, student, 19
- Medical permit to study, 59
- Medical withdrawal policy, 39
- Merit awards
 graduate, 44
 undergraduate, 22
- Microeconomics, Applied
 graduate certificate, 117
- Middle East and World Affairs
 Washington Semester, 300
- Minors, undergraduate, 8
 individualized, 58
 requirements, 58
- Multi-Ethnic Studies
 minor, 162
 undergraduate certificate, 162
- Music
 BA, 165
 courses, applied music (MUS), 439
 minor, 169
- Musical Theatre
 BA in Performing Arts: Musical Theatre, 167

Index

- Natural Resources and Sustainable Development**
MA in International Affairs, 273
- New Student Programs**, 17
- Nondegree**
admission to graduate degree status, 26
admission to undergraduate degree status, 25
registration, 29
- Nonprofit Management**
graduate certificate, 327
- North American Studies**, 162
- Nutrition Education**
graduate certificate, 136
MS, 135
- Online degree programs**
MA in Economics (option), 115
MA in International Relations, 281
MA in Teaching English as a Foreign Language, 194
MS in Nutrition Education, 135
- Organization Development**
MSOD, 326
- Parking and Traffic**, 14
- Pass/fail**, 51, 73
- Peace and Conflict Resolution**
Washington Semester, 300
- Peace Corps**
MA in TESOL program, 195
Master's International (MI) program, 261
- Peacebuilding**
graduate certificate, 288
- Performing Arts**, 163
BA in Audio Production, 163
BA in Music, 165
BA in Performing Arts: Musical Theatre, 167
BA in Performing Arts: Theatre, 167
BS in Audio Technology, 164
courses (PERF), 439
graduate certificate in Arts Management, 170
graduate certificate in Audio Production, 171
graduate certificate in International Arts Management, 171
graduate certificate in Technology in Arts Management, 171
MA in Arts Management, 170
MA in Audio Technology, 170
minor in Audio Technology, 169
minor in Dance, 169
minor in Music, 169
minor in Theatre, 169
- Permit to study**
graduate, 75
undergraduate, 59
- Persian**
courses (PERS), 503
- Phi Beta Kappa**, 11
- Philosophy**, 172
BA, 172
BA/MA, 173
courses (PHIL), 446
MA, 175
MA in Ethics, Peace, and Global Affairs, 175
minor, 174
undergraduate certificate in Applied Ethics and Professional Responsibility, 174
See also Religion
- Physics**, 176
BA, 177
BS, 177
courses (PHYS), 449
minor, 178
minor in Applied Physics, 178
undergraduate certificate in Applied Physics, 179
- Political Communication**
Bachelor's/MA, 255, 309
MA, 254, 309
- Political Science**
BA, 304
BA/MA, 306
MA, 308
minor, 307
PhD, 310
See also Government
- Portuguese**
courses (PORT), 503
- Preengineering**, 179
- Prelaw**, 180
- Premedical**, 180
- postbaccalaureate certificate**, 181
- Probation, academic**
graduate, 72
undergraduate, 55
- Professional and Extended Studies, School of (SPExS)**, 295
Graduate Gateway Program, 295
International Gateway Program, 297
Washington Access Internships, 297
Washington Internships for Native Students (WINS), 297
Washington Mentorship Program, 298
Washington Semester, 298
Washington Summer Internship, 300
- Professional Science**
courses (PSM), 451
MS, Biotechnology, 103
MS, Environmental Assessment, 143
MS, Quantitative Analysis, 160
- Program of study, graduate**, 74
- Provisional admission, graduate**, 26
- Psychology**, 182
BA, 182
BA/MA, 183
courses (PSYC), 451
- Psychology (cont.)**
graduate certificate in Addiction and Addictive Behavior, 185
graduate certificate in Psychobiology of Healing, 186
MA, 184
minor, 183
PhD in Behavior, Cognition, and Neuroscience, 186
PhD in Clinical Psychology, 187
- Public Administration**
See Public Administration and Policy
- Public Administration and Policy**, 319
bachelor's/MPA, 321
bachelor's/MPP, 324
courses (PUAD), 455
graduate certificate in Leadership for Organizational Change, 326
graduate certificate in Nonprofit Management, 327
graduate certificate in Public Financial Management, 327
graduate certificate in Public Management, 328
graduate certificate in Public Policy Analysis, 328
JD/MPA, 322
JD/MPP, 325
Key Executive Leadership, MPA, 321
LLM/MPA, 323
LLM/MPP, 325
minor, 319
MPA, 320
MPP, 324
MS in Organization Development (MSOD), 326
PhD in Public Administration, 328
- Public Affairs, School of (SPA)**, 301
See also Government; Justice, Law and Society; Public Administration and Policy
- Public Affairs and Advocacy Institute**, 303
- Public Anthropology**
graduate certificate, 87
MA, 87
minor, 86
undergraduate certificate, 86
See also Anthropology
- Public Finance Research, Center for**, 303
- Public Financial Management**
See Public Administration and Policy
- Public Health**, 188
BA, 188
BS, 189
courses (PUBH), 461
minor, 190
- Public Management**
See Public Administration and Policy
- Public Policy**
See Public Administration and Policy
- Public Policy Analysis**
See Public Administration and Policy

Index

- Public Sociology
graduate certificate, 193
- Quantitative Methods
minor, 159
- Readmission, undergraduate, 25
- Real Estate
courses (REAL), 461
graduate certificate, 237
MS, 233
- Records, student, 48
confidentiality and FERPA, 48
retention, 50
- Recreation, 13
- Refunds
financial aid, 41, 43
housing, 39
meal plan, 39
tuition, 39
- Registration, 29
alumni audit program, 33
changes in, 33
independent study, 32
international student, 31
student responsibility for, 29
- Regulations, university degree
graduate, 76, 78
undergraduate, 56
- Religion
BA in Religious Studies, 173
courses (RELG), 462
minor, 174
See also Philosophy
- Repetition of courses
graduate, 73
undergraduate, 52
- Research Assistant (RA), graduate, 74
- Research assurances, 74
- Research ethics training, 74
- Residence Hall Association (RHA), 17
- Residence requirement
graduate, 73
undergraduate, 57
- Responsibility, student, 29
- Responsible Conduct of Research (RCR), 74
- Ritsumeikan University (Japan)-AU Exchange, 260
- Russian
BA in Russian Studies, 201
courses (RUSS), 503
graduate certificate in translation, 207
minor in Russian Language, 202
minor in Russian Studies, 202
undergraduate certificate in translation, 206
- Russian/Area Studies, Language and Area Studies:
BA, 204
minor, 206
- Satisfactory academic progress
graduate, 43, 71
undergraduate, 40, 55
- Scholarships, 42
- School of Business, Kogod
See Kogod School of Business (KSB)
- School of Communication (SOC)
See Communication, School of
- School of Education, Teaching and Health
See Education, Teaching, and Health, School of
- School of International Service (SIS)
See International Service, School of
- School of Professional and Extended Studies (SPExS)
See Professional and Extended Studies, School of
- School of Public Affairs (SPA)
See Public Affairs, School
- Secondary Education
graduate teaching certificate, 137
MAT, 129
undergraduate major, 126
- Separation from the university, 34, 53
- SEVIS (Student and Exchange Visitor System), 31
- Sexuality and Queer Studies
minor, 198
See also Women's Gender, and Sexuality Studies
- Shuttle services, 14
- Social Enterprise
MA, 282
- Social Research
graduate certificate, 193
- Sociology, 191
BA, 191
BA/MA, 192
courses (SOCY), 488
graduate certificate in Public Sociology, 193
graduate certificate in Social Research, 193
MA, 192
minor, 192
- Sookmyung Women's University (Korea)-AU Exchange, 260
- Sororities, 19
- Spanish
BA in Spanish Studies, 201
courses (SPAN), 504
graduate certificate in translation, 207
MA in Spanish: Latin American Studies, 207
minor in Spanish Language, 202
undergraduate certificate in translation, 206
- Spanish/Latin America, Language and Area Studies:
BA, 204
minor, 206
- Special Education
minor, 127
- Special Education: Learning Disabilities
MA, 129
- Spiritual Life Center, 17
- Statistics, 154
BS, 158
BS/MS, 159
courses (STAT), 491
graduate certificate in Applied Statistics, 161
MS, 161
MS in Professional Science: Quantitative Analysis, 160
minor, 160
minor in Quantitative Methods, 159
undergraduate certificate in Applied Statistics, 160
See also Mathematics
- Strategic Communication
bachelor's/MA, 256
MA, 255
weekend MA program, 256
- Student academic grievance policy, 47
- Student Activities, University Center and, 18
- Student Coalitions, 19
- Student Conduct and Conflict Resolution Services, 18
- Student Conduct Code, 15
- Student Government (SG), 19
- Student Health Center (SHC), 18
- Student media, 19
- Student records, 48
confidentiality and FERPA, 48
enrollment certification, 51
retention, 50
transcripts, 50
- Student responsibility, 29
- Studio Art
BA, 94
BFA, 95
courses (ARTS), 344
MFA, 97
minor, 96
- Study abroad, 15
courses (SABD), 463
undergraduate, 60
- Study at another institution
graduate, 75
undergraduate, 59
- Sustainability Management
MS, 234
- Swahili
courses (SWAH), 508
- Syllabuses, 34
- Tax
graduate certificate, 238
- Taxation
MS, 235

Index

- Teaching
 bachelor's/MAT, 131
 graduate certificate, 137
 Master of Arts in Teaching (MAT), 129
 MAT/MA in International Peace and Conflict Resolution, 131
 See also Education
- Teaching Assistant (TA), graduate, 74
- Teaching English as a Foreign Language MA, 194
 See also TESOL
- Technology, 12
- Technology in Arts Management graduate certificate, 171
- Temporary Leave, 53
- TESOL (Teaching English to Speakers of Other Languages), 194
 AU/Peace Corps program, 195
 bachelor's/MA, 196
 certificate, 196
 courses (TESL), 493
 MA, 195
 MA in Teaching English as a Foreign Language, 194
- Theatre
 BA in Performing Arts: Theatre, 167
 minor, 169
- Thesis
 capstone experience, 76
 submission and publication, 75
- Time limits to degree
 extensions, 75
 graduate, 75
- Transcripts, 50
- Transfer admission, 23
- Transfer of credit
 dual degrees, graduate, 76
 graduate, 72
 graduate from nondegree, 26
 graduate study at another institution, 75
 undergraduate, 60
 undergraduate from nondegree, 25
 undergraduate from study abroad, 59
 undergraduate study at another institution, 59
- Transforming Communities
 Washington Semester, 300
- Translation
 graduate certificate, 207
 undergraduate certificate, 206
- Trustees, Board of, 2
- Tuition and fees, 36
 cancellation of charges, 39
- Tuition refund insurance, 40
- Undergraduate admission, 23
- Undergraduate programs, 7
 College of Arts and Sciences, 81
 Kogod School of Business, 211
 School of Communication, 242
 School of International Service, 262
 School of Public Affairs, 301
- Undergraduate Studies
 courses (UGST), 494
- United States Foreign Policy
 graduate certificate, 292
- United States Foreign Policy and National Security
 MA in International Affairs, 272
- University Administration, 2
- University Center and Student Activities, 20
- University degree regulations
 graduate, 76, 78
 undergraduate, 56
- University Honors Program, 70
 admission, 24
 courses (HNRS), 407
- University library, 12
- University profile, 11
- University requirements
 college writing, 61
 General Education, 62
 mathematics, 61
- Veterans' benefits, 45
- Visa requirement
 international student, 27
- Waitlist rules, 35
- WAMU-FM, 12
- Warning, academic
 graduate, 72
 undergraduate, 55
- Washington Access Internships, 297
- Washington College of Law, 331
- Washington Internships for Native Students (WINS), 297
- Washington Mentorship Program, 298
- Washington Semester, 298
 American Politics, 298
 courses (WSEM), 508
 Foreign Policy, 298
 Global Economics and Business, 299
 Graduate Gateway Program, 295
 International Environment and Development, 299
- Washington Semester (cont.)
 International Law and Organizations, 299
 Journalism and New Media, 299
 Justice and Law, 300
 Middle East and World Affairs, 300
 Peace and Conflict Resolution, 300
 summer internship, 300
 Transforming Communities, 300
- Wellness Center, 20
- Withdrawing from courses, 33
- Withdrawing from the university
 See Separation from the university
- Women & Politics Institute, 303
- Women's, Gender, and Sexuality Studies, 197
 BA, 197
 courses (WGSS), 494
 graduate certificate, 199
 minor in Sexuality and Queer Studies, 198
 minor in Women's and Gender Studies, 199
- Women, Policy, and Political Leadership
 graduate certificate, 310
 undergraduate certificate, 307
- World Languages and Cultures, 200
 BA in Arabic Studies, 201
 BA in Foreign Language and Communication Media, 202
 BA in French Studies, 201
 BA in German Studies, 201
 BA in Language and Area Studies, 204
 BA in Russian Studies, 201
 BA in Spanish Studies, 201
 courses (by language), 495
 graduate certificate in translation, 207
 MA in Spanish: Latin American Studies, 207
 minor in Arabic Language, 202
 minor in Chinese Language, 202
 minor in French Language, 202
 minor in German Language, 202
 minor in Japanese Language, 202
 minor in Language and Area Studies, 206
 minor in Russian Language, 202
 minor in Russian Studies, 202
 minor in Spanish Language, 202
 undergraduate certificate in translation, 206
- Writing Proficiency Examination, 61

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