University College is the evening, continuing education, and professional studies division of Arts & Sciences at Washington University in St. Louis. The mission of University College is to draw upon the resources of the university to provide continuing adult education of the highest quality to the St. Louis region through programs in the liberal arts, in professional preparation, and in lifelong learning. Beginning as University Extension in 1908 and named University College in 1931 when the first degrees were offered in Education and Journalism, the division now hosts a rich, diverse, and ever-evolving range of choices and formats for continued study and lifelong learning, including courses for career development and personal growth, undergraduate and graduate degrees, industry-targeted certificate programs, online and accelerated courses, and noncredit study options. Excellence and rigor in teaching and learning remain the hallmarks of a University College education. Additionally, University College courses and programs of study are innovative, accessible, and affordable in response to student, industry, and community needs. Reflecting the rich tradition of a great university and responding to the opportunities and challenges of a rapidly changing world, University College represents the very best in both liberal and professional education.

Accreditation and Professional Affiliations
Washington University is accredited by the North Central Association of Colleges and Secondary Schools, and is a member of the Association of American Colleges and Universities, the College Board, the American Council on Education, and the Independent Colleges and Universities of Missouri. University College is a member of the Association for Continuing Higher Education, the University Professional and Continuing Education Association, and the Association of Graduate Liberal Studies Programs. Undergraduate and graduate degree and certificate programs offered by University College are offered through Arts & Sciences at Washington University in St. Louis. Business-related programs in University College are not accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

WASHINGTON UNIVERSITY POLICY
Washington University encourages and gives full consideration to all applicants for admission, financial aid, and employment. The university does not discriminate in access to, or treatment or employment in, its programs and activities on the basis of race, color, age, religion, sex, sexual orientation, gender identity or expression, national origin, veteran status, disability, or genetic information. Inquiries about compliance should be addressed to the university’s Vice Chancellor for Human Resources, Washington University, Campus Box 1184, One Brookings Drive, St. Louis, MO 63130.
How to Use the Bulletin

The text in this Bulletin has the status of policy which remains in effect through June 30, 2014. Specific requirements and policies for each degree and certificate program are also noted on the University College website, ucollege.wustl.edu. University College reserves the right to change policies and program requirements, and will post changes on the University College website. Students are required to satisfy all degree, major, and other program requirements as published in the Bulletin and on the University College website at the date of admission to a University College program of study, with a 10-year statute of limitations. If any changes are made to degree, major, and other program requirements prior to June 30, 2014, and noted on the University College website, students who have been admitted to a program of study prior to these changes being made may retain the requirements associated with the original program as printed in the Bulletin or, with University College authorization, may make appropriate changes to their original program of study in order to adapt to newer requirements. Students admitted to a program of study after program changes are made are required to meet the new requirements, and not the original requirements as posted in the Bulletin. If a student has been away from University College for 10 or more years and the original degree or major is no longer offered, the student must select a new, currently offered major and program of study. If a student has been away from University College for 10 or more years and the original degree or major is currently offered but has changed, University College will first review the requirements associated with the original program and, in consultation with the student and relevant academic departments, select degree and major requirements, including appropriate course substitutions from either the original or current program.

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University College administers the Doctor of Liberal Arts, Master of Liberal Arts, Master of Arts, and Master of Science, in coordination with the Graduate School of Arts & Sciences. University College administers several Master of Science degree programs in coordination with Washington University School of Medicine. University College also offers a range of graduate-level certificate programs. See page 29 for more information about certificate programs.

To earn the Doctor of Liberal Arts degree at Washington University, a student must complete 45 credit hours after earning a relevant master’s degree, pass a written and oral comprehensive examination, and write and defend a thesis. Please see page 3 for a more detailed description of the Doctor of Liberal Arts.

Master’s degree programs in University College consist of 30–36 units of graduate-level course work including, in some cases, a 6-unit master’s thesis or a 3-unit directed research project. Please see pages 3–9 for more detailed descriptions of master’s degree programs.

Normally, up to 6 units of related graduate-level study, with a grade of B or higher, may be transferred to a graduate program. All other course work must be taken at Washington University. Only courses taken for a letter grade may be applied to a graduate program of study. Courses taken as Pass/Fail or Audit will not count toward a graduate program of study. Grades below C- will not count toward a graduate degree program of study. Students must maintain a cumulative grade point average of 3.0 to be eligible to receive a graduate degree. Please visit the University College website, ucollege.wustl.edu, or call (314) 935-6700 for more detailed information, requirements, and policies concerning specific graduate degree programs. Please see How to Use the Bulletin on page 1 of this Bulletin concerning program requirements and changes.

Admission

Admission to the Doctor of Liberal Arts program is extremely competitive. Candidates must already hold a master’s degree in a relevant subject from an accredited institution of higher learning. Admission decisions are made twice annually, in fall and spring. The application deadline for fall is March 1, and the deadline for spring is October 1. Please see page 3 and the University College website (ucollege.wustl.edu) for more detailed admissions requirements and information about the Doctor of Liberal Arts.

Admission to master’s degree programs is competitive and open on a selective basis to qualified individuals who have earned a baccalaureate degree. University College and the Graduate School of Arts & Sciences review completed applications and make admissions decisions on a rolling basis for master’s degree programs. The process typically takes four to six weeks. Accordingly, master’s degree applicants should submit materials according to the following schedule in order to ensure a timely decision: mid-November for spring; mid-April for summer; mid-July for fall. Please visit the University College website (ucollege.wustl.edu) for additional program-specific admission requirements.

University College Offers Graduate Degrees in the following areas:

- Doctor of Liberal Arts (D.L.A)
- Master of Arts in American Culture Studies (A.M.)
- Master of Arts in Biology (A.M.)
- Master of Arts in Education (M.A.Ed.)
- Master of Arts in Human Resources Management (A.M.)
- Master of Arts in International Affairs (A.M.)
- Master of Arts in Nonprofit Management (A.M.)
- Master of Liberal Arts (A.M.)
- Master of Science in Applied Health Behavior Research (M.S.)
- Master of Science in Biology (M.S.)
- Master of Science in Clinical Research Management (M.S.)

*A.M., M.A.Ed., and M.S. in Biology conferred by the Graduate School of Arts & Sciences. M.S. in Applied Health Behavior Research and Clinical Research Management conferred by University College.*

**Doctor of Liberal Arts (D.L.A.)**

The Doctor of Liberal Arts (D.L.A.) is designed for the experienced adult learner who wishes to pursue rigorous interdisciplinary study along with independent, scholarly reading and research. The degree is designed to cultivate interdisciplinary skills, intellectual habits, analytical and critical reasoning, effective writing, and broad-based decision making. The D.L.A. is primarily for working professionals who have already earned a master’s degree and who seek further intellectual enrichment while pursuing advanced graduate study on an evening, part-time basis.

**Degree Requirements**

To earn the Doctor of Liberal Arts degree at Washington University, a student must complete 45 credit hours after earning a relevant master’s degree, pass a written and oral comprehensive examination, and write and defend a thesis. Total credit hours include 36 units of graduate course work and 9 units of thesis research and writing. A maximum of 6 units of graduate credit may be transferred to the D.L.A. Students choose among four interdisciplinary concentrations to focus their studies: Textual Traditions, Historical Context, Visual Culture, or Global Perspectives. The thesis emphasizes original interpretation and synthesis. A faculty advisor, appointed to each student early in the program, works closely with the student at all stages of the thesis. Part-time students complete all D.L.A. course work within four to five years, followed by comprehensive exams, and an additional two years to complete the thesis. For more information on the Doctor of Liberal Arts, please visit the University College website (ucollege.wustl.edu).

**Master of Arts in American Culture Studies**

The 30-credit Master of Arts in American Culture Studies offers adult learners multiple perspectives on the cultures, values, and people of the United States. Studies may span American literature, history, politics, religion, philosophy, art, music, and film.

**Degree Requirements**

The Master of Arts in American Culture Studies requires course work in three distribution areas:

**Humanities:** two courses from literature, history, religion, or philosophy.

**Social Sciences:** two courses from anthropology, education, economics, or political science.

**Arts:** two courses from music, art history, theater, or film.

Nine additional credits comprise other course work on American culture. It is strongly recommended that students take Introduction to American Culture Studies, U89 545, to be counted as an elective. At least five courses must be core seminars based in American Culture Studies. American Culture Studies students are required to complete either a 3-unit directed research project or a 6-unit master’s thesis. For more information on the Master of Arts in American Culture Studies, including admissions information, and a more detailed description of the directed research project and master’s thesis, visit the University College website (ucollege.wustl.edu).

**Master of Arts in Biology**

Working adults enroll in the 30-credit Master of Arts in Biology program in order to update their science knowledge; pursue a specialty such as biotechnology, ecology, neurobiology, or genetics; prepare for employment in emerging science fields; improve their profes-
sional standing; or deepen their understanding of biology. Designed to be adaptable to individual students’ unique backgrounds and goals, the program provides a flexible curriculum and close individual advising for each student. Students include science and health professionals, teachers, technicians, and people in science-related businesses.

**Degree Requirements**

Students seeking the Master of Arts in Biology must satisfactorily complete 30 units of graduate work in the biological sciences in courses approved by the Program Committee, including a required capstone experience—either a 3-unit capstone course or a 6-unit master’s thesis. Students must have completed a minimum of 21 units in order to be eligible for a capstone experience. Students with appropriate backgrounds, interests, and academic qualifications may, with authorization, write a master’s thesis based on original library or laboratory research. All students admitted to the Master of Arts in Biology are required to take at least 50 percent (15 units/five 3-credit courses) of the course work on the Washington University campus. For more information on the Master of Arts in Biology, including information on the master’s thesis, visit the University College website (ucollege.wustl.edu).

**Master of Arts in Education**

Washington University’s Department of Education offers a part-time Master of Arts in Education—Instructional Process degree focused on an Analysis of Practice for practicing educators in a variety of settings. This Analysis of Practice allows educators to consider multiple and enhanced approaches for data collection, analysis, and reflection on educational issues involving educational assessment data, video microanalysis, learning sciences research, and educational foundation concepts. The M.A.Ed.-IP degree program offers three strands of study: Professional Development, Science Education (elementary and middle school), and Innovative Certification. All three strands require students to complete the core course work with a culminating portfolio project.

**Degree Requirements**

Every M.A.Ed.-IP student must complete 13 credit hours of required core courses. The balance of the credits required to obtain the M.A.Ed.-IP (30 credits minimum) is composed of work within one of the three strands. Requirements may differ for those in the Innovative Certification strand.

**Program Core Course Work—13 units**

U08 4055 Central Topics in Learning Sciences Research or other learning-related course (this could be in Learning Sciences, Psychology, or equivalent area)

U08 4610 Introduction to Educational Tests & Measurements OR
U08 4890 The Science & Politics of Testing

*Foundations of Education elective, chosen among the following:*

U08 453B Sociology of Education

U08462 Politics of Education

U08 4621 Political Economy of Urban Education

U08 557 Contemporary Issues in Education

Or other relevant elective from Education, Social Work, Law, or Political Science (Public Policy concentration)

U08 4033 Video Microanalysis

U08 516 M.A.Ed. Portfolio Presentation (1 credit)

**Strands of Study**

Each student must complete the designated credit hour requirement within the chosen strand of study, with a minimum of 30 total credits required to graduate.

- **Strand 1: Professional Development**—17 units
- **Strand 2: Elementary/Middle Science Education**—18 units
- **Strand 3: Innovative Teacher Certification**—30–54 units

*For more information on the Master of Arts in Education, or on Teacher Certification in Elementary, Middle, and Secondary School, visit the University College website (ucollege.wustl.edu).*
Master of Arts in Human Resources Management

Knowing how to manage people is a valuable, as well as highly marketable, skill. Washington University's 36-credit Master of Arts in Human Resources Management program, designed for part-time evening students, is an outstanding and practical choice for working adults.

Degree Requirements

To receive the M.A. degree in Human Resources Management, you must complete 36 units of graduate-level course work with a minimum grade point average of 3.0, according to the following requirements:

Required Core Courses—18 units
- U87 506 21st-Century Perspectives on Organization and Human Resources
- U87 514 Integrative Capstone Project for Human Resources
- U87 520 Organizational Behavior
- U87 558 HR Metrics
- U87 559 Strategy Formation and Organizational Effectiveness
- U87 582 Principles of Finance

Focus Areas—18 units
- Professional Human Resources Management—minimum 6 units
- Management and Organizational Development—minimum 6 units

University College also offers a Graduate Certificate in Human Resources Management (see page 36). For more information on the Master of Arts in Human Resources Management, visit the University College website (ucollege.wustl.edu).

Master of Arts in International Affairs

The 30-unit Master of Arts in International Affairs program is designed for working adult students with professional interests in international economics, trade and business; international law and politics; foreign cultures; and international environmental and technology issues.

Degree Requirements

Students are required to complete 30 units of graduate course work to complete the degree. They must successfully complete an introductory seminar, Current Issues in International Affairs, early in the program of study. Students also must complete a minimum of four other International Affairs seminars to count as distribution requirements or electives as noted below. The remaining courses may be chosen from International Affairs seminars or other authorized graduate-level courses in economics, history, political science, foreign languages, or other related areas. Students must include in their program: at least two “international issues” courses (minimum 6 units) focusing on international trade, finance, politics, law, development, and other issues; and two “area studies” courses (minimum 6 units) that explore the politics, economics, history, and culture of various regions of the world, including East and Southeast Asia; Europe and Russia; Latin America; Africa; and the Middle East. Candidates for the Master of Arts in International Affairs are required to complete either a 3-unit directed research project or a 6-unit master’s thesis.

Foreign Language Proficiency

In addition to the 30 units of graduate study in International Affairs, students are required to demonstrate reading knowledge in a foreign language, normally equivalent to two semesters of college-level language study as approved by the program director. Foreign language courses must be taken for a letter grade in accordance with the grading policies for graduate programs in University College. Courses taken more than seven years prior to the date of admission do not fulfill the foreign language proficiency requirement.
University College also offers an Advanced Certificate in International Affairs (see page 36). For more information on the Master of Arts in International Affairs, including information on the directed research project and master’s thesis, visit the University College website (ucollege.wustl.edu).

Master of Arts in Nonprofit Management

The Master of Arts in Nonprofit Management program is designed for working professionals currently employed in the nonprofit sector and also those who want to enter the field. The program provides a range of courses addressing the major responsibilities and challenges of nonprofit and human resources management, preparing students to work effectively in the field and to enhance the management skills of those seeking a career in related fields. Administered jointly by the Graduate School of Arts & Sciences and University College, the program is designed for working adults attending school on a part-time basis.

University College also offers an Advanced Certificate in Nonprofit Management (see page 36 of the Bulletin). For more information on the Master of Arts in Nonprofit Management visit the University College website (ucollege.wustl.edu).

Degree Requirements

The Master of Arts in Nonprofit Management consists of 36 units of graduate course work in a combination of nonprofit management and human resources management courses.

Required Course Work—27 units

U76 507 Management in Nonprofit Organizations
U76 508 Resource Development for Nonprofit Organizations
U76 510 Statistics and Research Design
U76 514 Integrated Capstone Project in Nonprofit Management
U76 520 Organizational Behavior and Administration

U76 521 History and Development of the Nonprofit Sector
U76 525 Financial Management in Nonprofit Organizations
U76 531 Human Resources Management
U76 570 Legal Issues Impacting Nonprofit Organizations

Remaining course work (9 units) comprises 9 units of electives.

Master of Liberal Arts

The Master of Liberal Arts program (MLA) provides the opportunity, at an advanced level of intellectual inquiry, to explore interdisciplinary perspectives that are the hallmark of a rigorous liberal arts education. MLA students pursue course work and independent research with Washington University scholars of history, anthropology, literature, art, music, philosophy, politics, religion, and science. Core MLA interdisciplinary seminars are organized into four general categories—Ideas and Inquiry, The Creative Imagination, Science and Human Values, Historical Understanding—that examine a broad range of intellectual history extending from specific traditions of thought to questions of cultural difference; from specific rituals to acts of creation and innovation; and from moments of discovery to diverse responses to change, including transforming experiences such as euphoria, nostalgia, illness, and rebellion. Through a focus on interpretative skills in oral and written expression, these seminars help students sharpen their own thinking about contemporary issues in relation to ideas about justice, values, and critical inquiry that have influenced the course of history.

Degree Requirements

To earn the Master of Liberal Arts degree, students must satisfactorily complete nine courses (five of which must be drawn from the core seminars) and a final independent project for a total of 30 units of graduate study. The final project, either a 3-unit directed research project or a 6-unit master’s thesis, developed under the supervision of a Washington University faculty member, is required for the Master of Liberal Arts degree. This project presents an opportunity to explore independently and extensively an area of personal interest and must be completed at the conclu-
clusion of a student’s course work. The project also provides an opportunity for students to work closely with a member of the MLA faculty. The topic may be a subject first identified during a course or one that has emerged over time in the program. For more information on the Master of Liberal Arts, including information on the final project, visit the University College website (ucollege.wustl.edu).

Master of Science in Applied Health Behavior Research

The main causes of preventable illness and death in the United States are unhealthy behaviors such as poor diet, lack of exercise, smoking, and non-use of safety belts. Applied health behavior research addresses the science of health behavior change and applies this to the development and evaluation of programs in clinical and community settings designed to improve health behavior. The Master of Science in Applied Health Behavior Research (AHBR) is a multidisciplinary program that delivers skills and resources to professionals who manage health behavior programs and related research studies. Students choose between two concentrations of study depending on professional goals and interests: 1) Health Education, Program Planning, and Evaluation; or 2) Health Behavior Research. In addition to 12 units of required core courses in Applied Health Behavior Research, and required AHBR concentration courses, students may select up to 6 units of elective courses from various disciplines and perspectives, including biology, education, human resources management, and nonprofit management. Classes meet during late afternoon and early evening hours. The Master of Science in Applied Health Behavior Research is sponsored by Washington University School of Medicine and offered through University College, the evening and continuing education division of Arts & Sciences at Washington University in St. Louis.

Degree Requirements

Students are required to complete 30 units of graduate-level course work (400-level and above), including 12 units of required core courses and 18 units of required and elective course work comprising a concentration in either 1) Health Education, Program Planning, and Evaluation; or 2) Health Behavior Research.

Core Courses—12 units

U88 508 Project Management in Clinical and Community Settings
U88 514 Health Behavior Theory
U88 523 Introduction to Statistics for the Health Sciences
U88 581 Professional Development Seminar

Concentration in Health Education, Program Planning, and Evaluation—18 units:

U88 536 Health Education: Methods, Planning, and Evaluation
U88 582 Evaluation of Health Service Programs
Four authorized 3-unit elective courses.

Concentration in Health Behavior Research—18 units

U88 524 Foundations of Health Care Research
Five authorized 3-unit elective courses.

For more information on the Master of Science in Applied Health Behavior Research, visit the University College website (ucollege.wustl.edu).

Master of Science in Biology

The Master of Science in Biology, designed for middle and secondary school teachers, integrates current research in life sciences and education to demonstrate the importance of scientific issues to the global community. The two-year program, designed to fit the schedules of working teachers, includes two summer institutes, three weeks each, in residence at Washington University, along with online course work during the academic years. For more information on the Master of Science in Biology visit the University College website (ucollege.wustl.edu).
Degree Requirements
The 30-unit Master of Science in Biology consists of two summer institutes in residence at Washington University and two academic years of fully online course work.

Required Course Work—30 units

Summer 1
U29 523 Plant and People
U29 524 Ecology and Environmental Sciences
U29 525 Biological Evolution

Academic Year 1 Online
U29 521 Program Capstone I
U29 509 Chemistry for Biology Teachers
U29 529 Case Studies in Biology

Summer 2
U29 5925 Matter and Energy Transformations
U29 5924 Molecular Basis of Heredity
U29 5926 Neuroscience and Behavior

Academic Year 2 Online
U29 5771 Program Capstone II
U29 579 Laboratory Investigations with Model Organisms
U29 563 Applications of Biology to Global Health Issues

Master of Science in Clinical Research Management
The Master of Science in Clinical Research Management is designed for experienced professionals working in academic research centers or private industry who seek greater depth and breadth of study in the science and business of clinical research. This 30-unit program of study provides experienced health-science and related business professionals with updated skills, strategies, and resources for developing and managing products, treatment protocols, and other processes associated with clinical research and patient care. Major topics for study include regulatory requirements, ethical issues, product development, business of clinical research, grant funding and manuscripts, epidemiologic principles and tools, research design, and data analysis, all in the context of human subjects in clinical trials. Candidates for the Master of Science in Clinical Research Management typically hold or aspire toward leadership positions in academic research centers or related private sector organizations, especially the pharmaceutical industry. Likely candidates from academic research settings include clinical research investigators, coordinators, nurses, and sponsor representatives. Private-sector candidates include pharmaceutical industry project managers, monitors, and regulatory affairs staff, as well as community physician offices and other independent research agencies. The Master of Science in Clinical Research Management is awarded by University College, the evening and continuing education division of Arts & Sciences. The program is offered in collaboration with the Washington University School of Medicine, and more specifically, the Center for Applied Research Sciences and the Institute of Clinical & Translational Sciences. Specific course work and overall program objectives for all clinical research management programs of study offered through University College reinforce “good clinical practices” published by the Association of Clinical Research Professionals.

Degree Requirements
The Master of Science in Clinical Research Management is a 30-unit program, including 24 units of required course work and 6 units of authorized electives.
Combined Bachelor's/Master's Degree Program

The Combined Bachelor's/Master's Degree Program in University College is designed for motivated, high-achieving students who wish to pursue rigorous and accelerated study leading to completion of both a Bachelor of Science degree awarded by University College and either a Master of Arts or Master of Science in areas of study for which there are degree programs in University College. Bachelor's/Master's students must complete a minimum of 135 units of course work, undergraduate and graduate, including all residency requirements for the Bachelor of Science degree, and at least 30–36 units of graduate course work at the 400- and 500-level. For more information visit the University College website (ucollege.wustl.edu).

Required Courses—24 units

U80 500 Fundamentals of Clinical Research Management
U80 512 Advanced Data and Information Management in Health Sciences
U80 515 Medical Writing for Clinical Research
U80 518 Drug and Device Development
U80 520 Trends in Health Care Policy
U80 522 Compliance, Legal, and Regulatory Issues
U80 562 Leadership and Change in Health Care Services
U80 588 Epidemiology for Clinical Research

Continuing Master's Research Status for Graduate Students

Graduate students who do not complete their final research project (thesis or DRP) during the semester of registration but have completed all other required course work for their degree program are required to register as Continuing Master's Research students in order to maintain candidacy. Continuing Master's Research status cannot be combined with any other course registration and does not qualify students for financial assistance. This registration does not defer student loans or serve as a legal status for international students. It will continue student library access. The Continuing Master's Research is taken for 0 units and is not graded. Students may continue under this status for up to one calendar year, after which time they will be required to re-register for the appropriate DRP or Thesis course.

Dual and Joint Degree Programs

Qualified students may be eligible to earn two graduate and/or professional degrees at the same time. A “dual” degree program entails the pursuit and completion of two master's degree programs simultaneously. In the case of the dual-degree program, all courses and credit hours must be taken for both programs, and no credit hours are counted toward both degrees. A “joint” program entails the completion of a University College master's degree program along with a master's program offered through another division of Washington University. In the case of the joint degree program, a maximum of 6 credit hours may be counted toward both degrees. Requests for joint-degree programs are reviewed and authorized on a case-by-case basis. In both dual and joint degrees, students must formally apply for admission to both programs. Joint and dual degrees are normally conferred simultaneously after all requirements for both degrees have been met. For more information about dual- and joint-degree options, please call University College, (314) 935-6700.
University College awards the Associate in Arts and Bachelor of Science degrees in a wide range of academic subjects and interdisciplinary areas of study. Students also may select courses from many other academic departments and programs at Washington University that do not offer majors or programs of study in University College. Undergraduate certificate programs for professional and personal development are also available. See page 29 of this Bulletin for more information about certificate programs. Please visit the University College website (ucollege.wustl.edu) or call (314) 935-6700 for more detailed information, requirements, and policies concerning specific undergraduate degree and certificate programs. Please see How to Use the Bulletin on page 1 of this Bulletin concerning program requirements and changes.

Admission

The admissions policies and procedures of University College reflect the special circumstances of part-time, adult students and vary by academic program. If you are seeking admission to an undergraduate degree or certificate program, you should meet with an academic advisor in University College to discuss your goals prior to submitting an application for admission. Formal admission is required of all students seeking an undergraduate degree or certificate in University College. To be considered for admission, you should be a high school graduate and have a minimum 2.7 grade point average in your previous college work. If you have less than a 2.7 grade point average in previous college work and wish to be considered for admission, you will be asked to provide other evidence of your ability to successfully complete college-level course work, which may include taking several courses prior to formal admission.

Admission requirements for the Associate in Arts degree include a high school diploma; at least 6 units of transferable college-level course work with a minimum grade point average of 2.7 taken at another accredited institution; or at least 6 units of course work taken at University College with a minimum grade point average of 2.7.

Admission requirements for the Bachelor of Science degree include a high school diploma; at least 12 units of transferable college-level course work with a minimum grade point average of 2.7 taken at another accredited institution; or at least 12 units of course work taken at University College with a minimum grade point average of 2.7.

Admissions requirements for undergraduate certificate programs vary by program.

For more detailed information about admission requirements for the Associate in Arts and Bachelor of Science degrees, and undergraduate certificate programs, including application forms, please visit the University College website (ucollege.wustl.edu), come to University College located in January Hall Room 20, or call (314) 935-6700.

Associate in Arts Degree

The Associate in Arts (A.A.) degree provides a framework for understanding the disciplines and skills of a liberal arts degree, a foundation for further study at the bachelor’s degree level, and an initial academic credential required for career advancement. Admission requirements for the Associate in Arts degree include a high school diploma; at least 6 units of transferable college-level course work with a minimum grade point average of 2.7 taken at another accredited institution; or at least 6 units of course work taken at University College with a minimum grade point average of 2.7.
Degree Requirements

To receive an Associate in Arts degree from University College, you must be admitted to degree candidacy, complete a minimum of 60 units of college-level work with a cumulative grade point average of 2.0 or higher in all courses taken, and satisfy specific writing, course distribution, concentration, and residency requirements. Additionally, you must complete an 18-unit Concentration with grades of C- or better in all courses. At least half the units for the concentration must be completed at Washington University. No more than 24 units may be transferred to the degree. The final 36 units of the degree program must be completed at Washington University. The courses completed for the Associate in Arts degree count toward all Bachelor of Science degree programs in University College. For more specific information about Associate in Arts degree requirements and policies, please visit the University College website (ucollege.wustl.edu) or call (314) 935-6700.

General Education Requirements

Basic Requirements:

U11 101 Principles of Writing*

U11 203 Critical and Researched Writing*

One 3-unit course in Oral Presentation**

One 3-unit course in Numerical Applications with a minimum grade of C- which may be applied to the Mathematics distribution requirements as noted in this section.**

One 3-unit course in Moral Reasoning, which may be applied to the Social Sciences or Humanities distribution requirements noted in this section.**

One 3-unit course in non-Western culture, which may be applied to the Social Sciences or Humanities distribution requirements as noted below. Courses that satisfy the non-Western culture requirement focus on the study of cultures in societies outside of English-speaking North America and Western Europe, including Africa, East Asia, South Asia, Europe, Latin America, or the Middle East, and encourage students to explore issues of human diversity within such cultures.**

Additional Basic Requirements for Associate in Arts with concentration in Business and Communication Studies:

- Microeconomics or Macroeconomics
- One course in applied mathematics or statistics
- One course in information technology

Additional Basic Requirements for Associate in Arts with concentration in Global Leadership and Management:

- Microeconomics or Macroeconomics
- Economic Statistics
- Technology for Managers

*Students who receive a grade of C- or lower in U11 101 Principles of Writing taken at University College must repeat the course. Students who receive a grade of C- or lower in U11 203 Critical and Researched Writing taken at University College must, in consultation with the Department of English and University College, choose between two options to satisfy the requirement: 1) repeat the course; or 2) complete a 3-unit composition tutorial with a grade of C or higher. Transfer credit for U11 101 Principles of Writing may be granted for a grade of B or higher. U11 203 Critical and Researched Writing is required of all undergraduate degree candidates, and this course must be taken at Washington University. Students may still receive transfer credit for a second-level basic writing course, however, that will count as elective credit and they still will be required to take U11 203 Critical and Researched Writing. A student who transfers English Composition courses from another college or university must consult an academic advisor at University College, who will provide options for
completing requirements. See the University College website (ucollege.wustl.edu) for additional details about basic requirements.

**Courses that count toward the Concentration also may count toward Basic Requirements for Oral Presentation, Numerical Applications, Moral Reasoning, or Non-Western Culture, but if applied in this manner, they may not count toward distribution requirements.**

Distribution Requirements: 18 units, 6 units in each area noted below. A maximum of 3 units from one discipline may apply toward any distribution area.

- Natural Sciences and Mathematics
- Social Sciences
- Humanities

University College offers the Associate in Arts Degree with Concentrations in:

- Anthropology
- Business and Communication Studies
- Clinical Research Management
- Communications and Journalism
- Economics
- English
- Health Care
- Global Leadership and Management
- History
- Humanities
- Industrial and Organizational Psychology
- International Studies

Bachelor of Science Degree

Requirements for the Bachelor of Science (B.S.) degree in University College represent both breadth and depth of study. Admission requirements for the Bachelor of Science degree include a high school diploma; at least 12 units of transferable college-level course work with a minimum grade point average of 2.7 taken at another accredited institution; or at least 12 units of course work taken at University College with a minimum grade point average of 2.7.

Degree Requirements

To receive a Bachelor of Science degree from University College, you must be admitted to degree candidacy; complete a minimum of 120 units of college-level work with a cumulative grade point average of 2.0 or higher in all courses taken; and satisfy basic, distribution, major, and residency requirements. To receive the Bachelor of Science degree in University College, you must complete a major with grades of C- or better in all major courses. For certain majors you must satisfy specific prerequisites before declaring the major. The total number of units required for each major varies according to the department. At least half the units for the major must be completed at Washington University. At least 30 units of advanced courses overall must be completed at Washington University. No more than 9 units of approved study abroad credit may count toward the degree for students who earn more than 60 units at Washington University; no more than 6 units of study abroad credit may count toward the major. We encourage you to use your time at Washington University to augment your major with related course work and to explore many different areas of knowledge. For more specific information about Bachelor of Science degree requirements and policies, and specific requirements for each major, please visit the University College website (ucollege.wustl.edu) or call (314) 935-6700.
General Education Requirements

Basic Requirements:
U11 101 Principles of Writing*
U11 203 Critical and Researched Writing *
One 3-unit advanced writing course (any 300-level or higher course in English composition)*
One 3-unit course in Numerical Applications with a minimum grade of C- which may be applied to the distribution requirements as noted below.
One 3-unit course in Non-Western Culture, which may be applied to the Social Sciences or Humanities distribution requirements noted below.
Courses that satisfy the non-Western culture requirement focus on the study of cultures in societies outside of English-speaking North America and Western Europe, including Africa, East Asia, South Asia, Europe, Latin America, or the Middle East, and encourage students to explore issues of human diversity within such cultures.

*Students who receive a grade of C- or lower in U11 101 Principles of Writing taken at University College must repeat the course. Students who receive a grade of C- or lower in U11 203 Critical and Researched Writing taken at University College must, in consultation with the Department of English and University College, choose between two options to satisfy the requirement: 1) repeat the course; or 2) complete a 3-unit composition tutorial with a grade of C or higher. Transfer credit for U11 101 Principles of Writing may be granted for a grade of B or higher. U11 203 Critical and Researched Writing and the 300-level or higher advanced writing requirement are required of all undergraduate degree candidates, and these courses must be taken at Washington University. Students may still receive transfer credit for a second-level basic writing course; however, that will count as elective credit and they still will be required to take U11 203 Critical and Researched Writing. A student who transfers English Composition courses from another college or university must consult an academic advisor at University College, who will provide options for completing requirements. See the University College website (ucollege.wustl.edu) for additional details about basic requirements.

Distribution Requirements: 36 units, 9 units in each area noted below. A maximum of 6 units from one discipline may apply toward any distribution area.

- Natural Sciences and Mathematics
- Social Sciences
- Humanities
- Languages and the Arts

Courses that count toward the Major also may count toward Basic Requirements for Numerical Applications or Non-Western Culture, but if applied in this manner, they may not count toward Distribution Requirements.

Anthropology

Anthropology investigates issues such as human evolution, origins of civilization, gender, ethnic relations, social institutions, medical anthropology, and the impact of the modern world on human societies everywhere. Sociocultural anthropology is a good foundation for careers with an international focus, and those such as education, medicine, and business, that require an understanding of human cultural behavior. Biological anthropology provides background for work in zoology, conservation, and public health venues. Archaeological anthropology is particularly useful for historical and cultural approaches to institutions. To stay up to date with events and news in the Department of Anthropology at Washington University, visit the website at anthropology.artsci.wustl.edu.

Requirements for the Major

All University College undergraduate students must satisfy the same general-education requirements. Requirements specific to this major include:

At least 6 credit units from the introductory Anthropology sequence: U69 150 Introduction to Human Evolution; U69 160 Introduction to Cultural Anthropology; or U69 190, Introduction to Archaeology.
The Bachelor of Science in Clinical Research Management is designed for students in the early stages of a career in clinical research, as well as more experienced individuals such as investigators, coordinators, or sponsor representatives, who want to expand their knowledge and skills in the field. The program lays a foundation in principles and applications from the basic sciences, and then covers in greater depth the processes necessary in the management of studies that develop drugs, devices, and treatment protocols for patient care. This customized program focuses on the scientific methods of clinical research, good clinical practice, research ethics, and the regulatory guidelines that protect human subjects—all integral components of clinical trial management in academic research or pharmaceutical industry settings.

**Requirements for the Major**

All University College undergraduate students must satisfy the same general-education requirements. Requirements specific to the major include:

- **Required Core Courses—38 units**
  - U05 1001 Concepts in Chemistry
  - U09 230 Human Growth and Development
  - U09 258 Psychology of Health
  - U29 101 Principles of Biology I with Lab
  - U29 102 Principles of Biology II with Lab
  - U29 206 or U22 233 Biomedical Ethics
  - U29 305 Introduction to Microbiology with Lab
  - U29 322 Introduction to Anatomy and Physiology I with Lab
  - U29 323 Introduction to Anatomy and Physiology II with Lab
  - U44 305 Leadership for Organizational Success
  - 18 units of 300- and 400-level mathematics courses
  - Students are also encouraged to take Math 3101, Foundations for Higher Mathematics. This is a day-school course designed to introduce students to the language and conventions of mathematical discourse. University College math majors may enroll in this course at the University College tuition rate. In addition, you should select relevant courses in the social and physical sciences to complement and augment your major.
Communications and Journalism courses also expose students to new forms of communications while always stressing the social and moral issues posed by the media. Upper-level courses offer advanced study in topical areas associated with communications and media, such as ethics, politics, and public policy.

Communications and Journalism instructors are working professionals in public relations, marketing, advertising, print, broadcast, and internet journalism. These seasoned teachers making real-life decisions in the workplace share their insights and experiences with their students. Program instructors understand that students learn best by practicing and honing the skills that will make them accomplished practitioners. Accordingly, Communications and Journalism students may secure internships with local corporations, agencies, and a variety of media operations, including newspapers and other print media, St. Louis television, cable, and radio stations, and national broadcast and cable operations.

Requirements for the Major

If you plan to major in Communications and Journalism, you must have a firm grasp of writing and grammar skills. Before being admitted to a Communications and Journalism major, you must demonstrate proficiency in writing by completing the two-course English Composition sequence with a B- or better and must submit at least one writing sample at the time of application. Additionally, you should plan to augment your major in Communications and Journalism with additional courses in the liberal arts, such as economics, history, literature, and political science.

All University College undergraduate students must satisfy the same general-education requirements. Requirements specific to this major include:

Required Core Courses—30 units

U48 210 Introduction to Mass Media
U48 211 Introduction to Journalism
U48 262 Introduction to Strategic Communication
U48 2151 Professional Writing, Speaking, and Presentation OR
U48 2111 Public Speaking
Requirements for the Majors

All University College undergraduate students must satisfy the same general-education requirements.

To major in Economics, you must complete the following:

**Economics Core Courses—15 units**

- U07 103 Introduction to Political Economy—Microeconomics
- U07 104 Introduction to Political Economy—Macroeconomics
- U07 231 Economic Statistics
- U07 401 Price Theory
- U07 402 Income and Employment Theory

**Economics Elective Courses—12 units**

12 units of additional upper-level (300–400) economics courses

- U07 414 Econometric Techniques is strongly recommended

**Social Science Elective Courses—9 units**

9 additional units in the social sciences, which may include economics courses

**Additional Recommended Courses**

- U22 234 Business Ethics

To major in Managerial Economics, you must complete the following:

**Managerial Economics Core Courses—33 units**

- U07 103 Introduction to Political Economy—Microeconomics
- U07 104 Introduction to Political Economy—Macroeconomics
- U07 231 Economic Statistics
- U07 401 Price Theory
- U07 402 Income and Employment Theory

**Managerial Economics Elective Courses—15 units**

15 units of additional upper-level (300–400) economics courses

- U07 414 Econometric Techniques is strongly recommended

**Communications and Journalism Elective Courses—15 units**

You must complete an additional 15 units of upper-level course work in Communications and Journalism to reflect your particular interests. Of these, at least 6 units must be drawn from 400-level seminars, special topics, or internships. No more than 6 units of internship or independent study credit may count toward the major.

**Economics**

The Economics major will familiarize you with the problems of a modern economy and the tools of analysis developed by economists. It emphasizes both the development of analytic models and their application to such real-world problems as inflation, unemployment, taxation, poverty, pollution, government decision-making, and regulation.

Managerial Economics, a subfield of economics, also addresses the development of analytic models based on economic principles. In Managerial Economics these models are principally applied to specific decisions of businesses, such as profit maximization, strategic behavior, and industry entry and exit. A Managerial Economics major will take courses in quantitative techniques, such as regression analysis, as well as course work in related areas of business, such as accounting, management, and finance. A Managerial Economics major is well-suited to an individual wishing to apply the principles of economics to the business environment.

**Communications and Journalism**

U48 222 Principles of Reporting and Interviewing
- U48 226 Introduction to Broadcast Journalism
- U48 328 Online Journalism OR U48 342 Website Management OR U48 218 Web Site Design and Development I
- U48 370 Communications Law
- U48 3451 Copy Editing: Basic Editorial Skills
- U48 416 Ethics of Journalism OR U22 234 Business Ethics

**Managerial Economics**

U48 222 Principles of Reporting and Interviewing
- U48 226 Introduction to Broadcast Journalism
- U48 328 Online Journalism OR U48 342 Website Management OR U48 218 Web Site Design and Development I
- U48 370 Communications Law
- U48 3451 Copy Editing: Basic Editorial Skills
- U48 416 Ethics of Journalism OR U22 234 Business Ethics
and inequities of the current system. In addition, they are expected to act in ways that have a sound and defensible rationale rooted in research, ethical standards, and personal experience, and to reflect upon and reconsider that practice in the interest of all of their students.

The Major in Education

The Undergraduate Secondary (9–12) Teacher Education Program allows you to pursue a bachelor's degree and certification in English or social sciences at the same time. As part of this program, you must do a double major: one in education, and a second major in English or one of the social sciences (history, political science, or international studies). The required education course work in this major totals 30 credit hours and includes a 3-credit foundations course, the English or social sciences subject area curriculum and instruction courses, and student teaching.

In addition, you must complete specific, state-required course work in the English or social sciences major. You must attain sophomore status (60+ credit hours) and pass the state-required C-BASE exam before being admitted to the teacher education program; however, you should consult an education advisor about state requirements as early in your academic program as possible.

Any student who pursues teacher certification must meet state requirements, including a passing score on a subject-area examination, before Washington University can recommend you for teacher certification. State requirements and national standards for teacher certification change frequently. Thus it is important for any student pursuing teacher certification to consult with an education advisor early and often.

English

An English major is a good foundation for careers in communications, business, law, social work, the fine arts, and teaching. Course work introduces students to important literary texts and to the development of the English language and the origins of Western literature and culture. Students develop reading and writing skills, rigorous critical thinking skills, and the ability to communicate complex ideas persuasively, all while obtaining a broad liberal education.
Requirements for the Major

All University College undergraduate students must satisfy the same general-education requirements. Before enrolling in any literature course, you must satisfactorily complete U11 101, Principles of Writing.

Introductory Literature Courses—6 units
Two courses chosen from U65 211, 241, or 257

Advanced Literature Courses—15 units
U65 395 Shakespeare
Four additional upper-level (300–400 level) literature courses
U65 301 Practical Criticism is recommended

Advanced Elective Courses—9 units
Three upper-level (300–400) courses in English or comparative literature, composition, or communications and journalism (a maximum of 6 units of communications and journalism may count toward the English major). If you take a third 200-level course from the Introductory Literature Course category noted above, in addition to the two required courses in that category, you may apply that credit to this requirement. You must complete a minimum of 12 upper-level units in literature and related courses at Washington University. No more than 6 units of independent study may be counted toward the major.

Global Leadership and Management
The Bachelor of Science in Global Leadership and Management prepares students for leadership and management positions in a variety of organizational settings, private and public, domestic and international. The program provides an alternative path of study for the liberally educated business professional seeking practical skills and strategies for successful management in a global business environment.

The program also provides critical analysis of historical and social forces that influence leadership and organizations, and it addresses complex questions from different intellectual perspectives in order to broaden business education.

Additionally, the program enables students to examine the dynamic between culture and successful business practice, both at home and abroad, and it provides the opportunity to study in greater depth the culture of a particular geographic area associated with a student’s personal and professional interests. A capstone course blends the program’s multidisciplinary course work with students’ professional experience to help them produce their own integrated and practical strategy for global leadership development.

Requirements for the Major
All University College undergraduate students must satisfy the same general-education requirements. Requirements specific to the major include:

Core Courses—15 units
U07 231 Economic Statistics
U22 234 Business Ethics
U25 3342 Business and Public Policy
U44 125 Business Organization and Administration OR
U44 259 Principles of Management
U44 251 Law of Business I
U44 263 Financial and Managerial Accounting
U44 265 Corporate Strategic and Financial Planning OR
U44 342 Business Finance
U44 270 Marketing Concepts
U48 341 Technology for Managers: Tools and Strategies
Other courses authorized by University College.
Health Care

The Bachelor of Science in Health Care provides an academic foundation for students pursuing managerial, clinical, or research careers in health care. The program includes a base of core courses that examine scientific, social, political, economic, ethical, and organizational issues in health care, and that also address implications for individual practice and public policy. This required core, drawn largely from Arts & Sciences, underscores the complex, interdisciplinary nature of health care today, and the mandate for critical thinking, contextual understanding, and ethical behavior across all related fields and careers. Grounded in these common questions and skill sets, students then pursue more specialized professional interests by selecting a concentration in either health care management or health sciences. The program equips students with an academic foundation for graduate or professional school, or for work in a variety of health care professions including, but not limited to, hospital administration, community health, public health, biomedical research, medicine, nursing, dentistry, and physical and occupational therapy.

Required Core Courses—18 units

U07 403A Managerial Economics
U07 427 Economic Systems in Theory and Practice
U09 381 Cross-Cultural Psychology
U44 240 Introduction to International Business OR
U44 330 International Management: Leadership Across Cultures
U44 305 Leadership for Organizational Success
U44 347 International Marketing

Elective Courses in Culture and Area Studies Courses—12 units

12 units of authorized Arts & Sciences elective courses that enrich an understanding of the culture of a geographic area or areas of study, outside of the United States, and thereby strengthen one’s global outlook on leadership and management. Suggested areas include, but are not limited to, foreign languages, anthropology, comparative literature, history, international and area studies, political science, psychology, and religious studies.

Students pursuing a major in Global Leadership and Management also should take the following courses as either general education requirements or electives:

U07 103 Microeconomics
U07 104 Macroeconomics
U25 103 Introduction to International Politics
U09 100 Introduction to Psychology
U11 324 Professional Writing, Speaking, and Presentation
tentious world demands that we, as citizens, acquire the skills that will allow us to analyze and comprehend that world.

This is precisely what the study of history—of human experience contextualized temporally, culturally, politically, and geographically—is designed to do. The Department of History at Washington University offers you the opportunity to examine human experience across time and in a wide variety of cultural, political, regional, and social contexts. The curriculum is global in scope, and students are encouraged to sample courses across time and space while achieving depth of knowledge in selected areas.

Through the major in history, you also can develop important analytic skills used in law, business, communications, and other professions. These skills include the ability to organize and interpret data, to develop logical and convincing arguments, to do research and sift the significant from the insignificant, to read for comprehension, and to write with precision and clarity. Historians aim for a broad understanding of any problem and gain empathy for people in different times, places, and situations.

Requirements for the Major

To major in History, you must complete the following:

**Introductory Courses—6 units**

One introductory course chosen from:

- U16 101 Western Civilization I
- U16 102 Western Civilization II
- U16 163 Introduction to U.S. History
- U16 164 Introduction to World History
- U16 209 America to Civil War

One additional introductory course, 100- or 200-level, in History.

**Advanced Level Courses—21 units**

At least 18 units of 300- or 400-level courses, to include:

At least one course designated “premodern” and one course designated “modern.”
At least one course from three of the following geographical areas: Africa, East Asia, South Asia, Europe, Latin America, Middle East, or the United States.

At least one specifically designated Research Seminar. Research Seminars are upper-level, limited-enrollment courses that emphasize engagement with primary sources. Course assignments feature texts and images from a variety of published and manuscript materials, and students will research and write a substantial paper over the course of the semester from independently selected and analyzed primary sources. All Research Seminars will be so designated in the course description.

**International Studies**

International Studies explores economic, political, social, and cultural issues and is a useful major if you are interested in achieving a greater understanding of the world and the diversity of its cultures—useful in business, law, teaching, and governmental careers. This major includes a required concentration in Comparative Culture and Identity or International Political Economy and Business.

**Requirements**

All University College undergraduate students must satisfy the same general-education requirements.

**Required Introductory Courses—6 units**

U43 200 U.S. Perspectives on International Studies. May be substituted with a Category B course when unavailable.

U43 205 World Perspectives on International Studies. May be substituted with a Category A course when unavailable.

**Required Core Courses—6 units**

6 units, 3 from Category A and 3 from Category B.

*Category A*

U16 101 Western Civilization I

U16 102 Western Civilization II

U32 225 World Literature

U69 160 Introduction to Cultural Anthropology

*Category B*

U25 103 International Politics

U44 240 Introduction to International Business

U44 330 International Management: Leadership Across Cultures

**Foreign Language Requirement**

All students who major in International Studies must satisfy a foreign language requirement, defined as proficiency through four semesters of study.

**Concentration in Comparative Culture and Identity—30 units**

The Concentration in Comparative Culture and Identity requires 30 units of authorized course work from at least three different academic departments or programs in the humanities, social sciences, or others with approval. At least 18 units must be in advanced course work at the 300 or 400 level, including, with authorization, a maximum of two graduate courses in the University College Master's Program in International Affairs. All courses require authorization by the International Studies coordinator in University College.
Concentration in International Political Economy and Business—30 units

The Concentration in International Political Economy and Business requires 30 units of authorized course work from at least three different academic departments or programs in the social sciences, humanities, business, or others with approval. At least 18 units must be in advanced course work at the 300 or 400 level, including, with authorization, a maximum of two graduate courses in the University College Master’s Program in International Affairs. All courses require authorization by the International Studies coordinator in University College.

Mathematics

A degree in mathematics is useful for those seeking careers in teaching, research, the sciences, or business and government. The traditional Mathematics major is particularly appropriate if you plan to teach or enter professional school, or if you seek an interesting major within the liberal arts. The Applied Mathematics major is suggested if you plan a career in actuarial work, industrial mathematics, or statistics.

Requirements for the Major

All University College undergraduate students must satisfy the same general-education requirements. Requirements specific to the major include:

- U20 155 Calculus I
- U20 156 Calculus II
- U20 255 Calculus III
- U20 256 Calculus IV and
- 18 units of 300- and 400-level mathematics courses

Students are also encouraged to take Math 3101, Foundations for Higher Mathematics. This is a day-school course designed to introduce students to the language and convention of mathematical discourse. University College math majors may enroll in this course at the University College tuition rate. In addition, you should select relevant courses in the social and physical sciences to complement and augment your major.

Political Science

A political science major offers you the opportunity to study political life as part of a broad liberal education. It is a useful step toward law or business school. Political science students also pursue careers or further education in public administration, urban planning, journalism, education, and social work, or in federal, state, or local government.

Requirements for the Major

All University College undergraduate students must satisfy the same general-education requirements. To major in Political Science, you must complete a minimum of 30 units of political science course work, including at least 6 units of introductory course work, a 300-level course on research methods, and at least 18 units at the 300 and 400 levels. The 18 advanced units for the major must include at least one 3-unit course from three of the following five fields:

- American Politics
- Comparative Politics
- International Politics
- Political and Social Theory
- Methods of Political Research and Analysis

The department encourages you to explore a wide variety of courses in political science. Your program should be planned in close consultation with an academic advisor.
Psychology

As the science concerned with the study of behavior, psychology includes such areas as learning and memory, motivation, sensory processes and perception, biological bases of behavior, social interactions, aging and development, personality, and clinical and abnormal psychology.

Undergraduate study in psychology provides a sound basis for later professional graduate training on the M.A. or Ph.D. level in psychology. The psychology major may also provide important intellectual tools for those considering careers in management, law, education, social work, public relations, and health-related professions.

Requirements for the Major—30 units

All University College undergraduate students must satisfy the same general-education requirements. Students majoring in psychology in University College must also complete a minimum of 30 units in psychology, including the following:

Introductory Psychology Courses

U09 100 Introduction to Psychology
U09 300 Psychological Statistics

Unless otherwise stated, Psychology 100 is a prerequisite for all advanced psychology courses.

Psychology Area Courses

Five upper-level (300–400) psychology courses as indicated below:

At least one course from Group A (Social/Developmental area):
U09 315 Introduction to Social Psychology
U09 322A Developmental Psychology
U09 325 Psychology of Adolescence
U09 381 Cross-Cultural Psychology

At least one course from Group B (Personality/Abnormal area):
U09 353 Psychology of Personality
U09 354 Abnormal Psychology
U09 478 Psychopathology of Childhood

At least one course from Group C (Brain/Behavior/Cognition area):
U09 336 Brain and Behavior
U09 359 Cognitive Psychology
U09 365 Learning and Memory

At least two courses from Group D (Applications area):
U09 314 Organizational Psychology
U09 330 Perspectives on Counseling
U09 358 Health Psychology
U09 367 Positive Psychology
U09 389 Consumer Psychology
U09 404 Psychological Tests and Measurement
U09 409 Introduction to Behavior Analysis
U09 444 Applied Behavior Analysis I

Additional Electives (9 hours)

To complete the psychology major, students must complete 9 additional units in psychology at the 300–400 level. A maximum of 3 units of independent study may apply to the major.
The Minor in Psychology
The requirements for the traditional minor are a minimum of 15 units in psychology with at least 9 units in upper-level (300–400) courses; there are no specific course requirements other than U09 100 Introduction to Psychology. Students interested in a general background might take courses in several areas: social, sensation and perception, physiological, personality, etc. Those who wish to concentrate in a specialized area (e.g., the "helping professions" or counseling) should take such courses as personality, abnormal psychology, developmental, or perspectives on counseling.

Sustainability
The Bachelor of Science in Sustainability provides an interdisciplinary approach to understanding and resolving today’s most pressing and complex environmental, economic, and social challenges. The program is built on a foundation of Arts & Sciences courses that examine sustainable living from multiple perspectives—scientific, political, economic, social, historical, philosophical, anthropological, and literary. Grounded in this integrative approach and common understanding of the issues, students then choose one of three concentrations for greater in-depth study of sustainability: 1) Sustainable Environment and Science, for primary focus on environmental sciences, natural resources, and energy; 2) Sustainable Management and Organizations, for primary focus on sustainable business strategies and the triple bottom line—economic, social, environmental; and 3) Sustainable Communities and Development, for primary focus on designing and managing sustainable spaces in our cities and communities. The three concentrations include selected courses from Arts & Sciences, Business, Engineering, and Architecture. The overarching goal of the Bachelor of Science in Sustainability is to provide students with knowledge and methods about sustainability, local to global, and to help improve the quality of individual lives, the productivity of institutions, and the security of our planet.

All University College undergraduate students must satisfy the same general-education requirements. Courses that apply to this degree program may be found by selecting “U19 Sustainability” under the Courses and Registration tab on the University College website. Requirements specific to this major include:

Total: 45 units

Required Core Courses—30 units
U29 364 Global Sustainability
U29 209 Introduction to Environmental Studies
U22 2352 Environmental Ethics
U19 344 International Development and Sustainability
U25 3311 Environmental and Energy Issues
U07 355 Environmental Economics
U69 361 Culture and Environment
U19 328 Environmental Law
U65 344 Nature Writing and Environmentalism
U44 358 Systems Thinking and Decision Analysis

Concentration—15 units, including required U19 450 Sustainability Capstone, and four other authorized electives, chosen from lists of courses below; other courses with authorization.

Sustainable Environment and Science
U13 107 Environmental Geology and Energy
U16 3643 Science and Society
U19 146 Introduction to Energy, Environmental, and Chemical Engineering
U29 413 Environmental Science: Regional and Global Perspectives
Concentration in Public Policy and Administration

The Concentration in Public Policy and Administration is ideal for students interested in careers in public and community service, government, or other organizations that design and implement public policies. Well-suited for students majoring in political science, economics, managerial economics, history, and communications and journalism, it will benefit all students who wish to work in the public arena and address questions associated with health care, education, urban affairs, labor, poverty, and the environment, to name a few. Students focusing on public policy generally include quantitative and research courses in their selections. Students focusing on public administration choose courses that provide skills in day-to-day management of public sector operations.

Requirements for the Concentration

15 units of advanced (300- or 400-level) course work selected from the following and authorized by University College:

- U44 334 Business and Public Policy
- U25 3311 Environmental and Energy Issues
U25 352 Media and Politics
U25 3382 Urban Politics and Administration
U25 3372 Introduction to Public Administration
U25 305 Race, Politics, and Public Policy
U44 359 Public Budgeting and Finance
U07 414 Econometrics Techniques
U44 305 Leadership for Organizational Success
Other courses with approval

Students completing a Concentration in Public Policy and Administration should also take:

U07 103 Introduction to Political Economy—Microeconomics
U07 104 Introduction to Political Economy—Macroeconomics

One introductory course in statistics

Undergraduate Honors Program

The Undergraduate Honors Program in University College offers high-achieving students the opportunity to join a learning community dedicated to an exceptionally rigorous, flexible, and independent program of study that takes advantage of courses and services across Washington University. The program includes academic and co-curricular activities that build on the experience of adult learners; foster intellectual curiosity; and strengthen skills in critical thinking, reading, writing, and research. Honors Program course work also engages students with ethical questions, historical and cultural forces, and global perspectives. Upon completion of the Honors Program, eligible students will be awarded the B.S. cum laude, magna cum laude, or summa cum laude through achievement of minimum cumulative averages of 3.5, 3.65, or 3.8 respectively, recommendation by the academic department or program, and evaluation of the research and writing project. Honors Program components include dedicated honors courses; additional courses on the American experience and global environment; day course options in Arts & Sciences; departmental research project; Latin Honors; capstone presentation; dedicated advising; dedicated co-curricular activities; and scholarships for honors students. For more information about the Undergraduate Honors Program in University College, visit ucollege.wustl.edu.
Minor
A minor in University College consists of a minimum of 15 units of authorized course work in selected academic disciplines or interdisciplinary programs in University College. The course requirements for a minor are determined by each department or program.

At least 9 units must be advanced course work (300 level or above), and at least 6 of the 9 units in advanced course work must be completed at University College. A minor is available only to students admitted to a University College Bachelor of Science degree program. Course work taken as part of the minor may fulfill distribution requirements, but the same course may not apply to both a major and a minor. Only courses receiving a grade of C- or higher will be applied to the minor. In order to be awarded the minor, students must earn a cumulative grade point average of 3.0 or higher in all courses taken toward the minor. With the exception of Business, students may not pursue a minor in an area for which a certificate is offered in University College. To declare a minor, submit a completed “Minor” form to an academic advisor in University College before beginning the final 36 units of course work.

Second Bachelor’s Degree
Students who have completed one baccalaureate degree from an appropriately accredited institution of higher learning may be eligible to earn a second bachelor’s degree at University College. In order to earn a second bachelor’s degree, a student must be admitted to degree candidacy, fulfill the 36-unit residency requirement, and, through transfer credit and course work at Washington University, satisfy all University College degree and major requirements.

Special Day Major
Qualified University College students, on a case-by-case basis, may be authorized to pursue a major program of study normally offered only to day students. Students pursuing the special day major are required to pay day tuition for all day courses. All other course and degree requirements must be in accordance with University College policies and requirements.

Combined Bachelor’s/Master’s Degree Program
The Combined Bachelor’s/Master’s Degree Program in University College is designed for motivated, high-achieving students who wish to pursue rigorous and accelerated study leading to completion of both a Bachelor of Science degree awarded by University College and either a Master of Arts or Master of Science in areas of study for which there are degree programs in University College. Bachelor’s/Master’s students must complete a minimum of 135 units of course work, undergraduate and graduate, including all residency requirements for the Bachelor of Science degree, and at least 30–36 units of graduate course work at the 400 and 500 level. For more information, visit the University College website (ucollege.wustl.edu).
Joint Degree
If you wish to receive a joint bachelor’s degree between University College and another division of Washington University, you must complete a total of 150 units, at least 30 units of which are taken in University College, and you must satisfy the general and major requirements for University College.

Visiting Students and Nondegree Study in the Day
Students in good standing at other institutions or other qualified individuals who wish to take undergraduate day courses for up to two semesters for personal or professional development are eligible to enroll in Arts & Sciences courses at Washington University as visiting students pursuing nondegree study. To be approved for visiting student status, you must submit an application for Visiting Student and Nondegree Study along with official transcripts from all previously attended colleges and universities. Students planning to enroll full time in day courses are expected to have a minimum 3.0 grade point average. Authorization for visiting and nondegree study does not constitute or imply acceptance to a degree-granting division of the university. For more information about visiting student status and nondegree study, visit the University College website (ucollege.wustl.edu).

Nondegree Study in the Evening
Many students in University College are not seeking a degree or certificate and only wish to take a course or two to meet specific career or personal goals. University College’s open enrollment policy allows students to take evening undergraduate courses on a nondegree basis without submitting a formal application for admission. Nondegree students must have a high school diploma or the equivalent. Some courses are restricted to students admitted to degree or certificate programs.
University College offers undergraduate certificates in the following areas:

**Applied Behavior Analysis—19 units**

The curriculum for the 19-hour Certificate Program in Behavior Analysis includes four required core courses, Practicum, and one elective course. The four core courses are Introduction to Behavior Analysis, Applied Behavior Analysis I, Applied Behavior Analysis II, and Applied Behavior Analysis: Research Methods and Evaluation. The Practicum consists of two semesters (or 30 weeks) of supervised field-based experience in Applied Behavior Analysis. In addition to the aforementioned training, students are required to complete one approved elective course.

**Core Courses**

U09 409 Introduction to Behavior Analysis
U09 444 Applied Behavior Analysis I
U09 445 Applied Behavior Analysis II
U09 446 Applied Behavior Analysis
U09 449 Applied Behavior Analysis: Practicum

Please visit the University College website (ucollege.wustl.edu) or call (314) 935-6700 for more detailed information, requirements, and policies concerning specific certificate programs.
Clinical Research Management—21 units

The Certificate in Clinical Research Management is designed primarily for individuals with clinical research responsibilities who want the formal course work to complement their skills and experience in the field. The 21-unit certificate program targets key processes for managing research protocols that develop and use drugs, devices, and treatments for patient care. The program focuses on the scientific methods of clinical research, good clinical practice, research ethics, and the regulatory guidelines that protect human subjects—all integral components of clinical trial management in academic research or pharmaceutical industry settings.

Required Courses:
U11 324 Professional Writing, Speaking, and Presentation
U44 263 Financial and Managerial Accounting
U44 251 Law of Business I
Instructors are experienced professional writers, most of whom are associated with the Washington University Graduate Writing Program and the Department of English. All of the craft courses are taught on the workshop model, with open discussion, and detailed, constructive criticism of each student’s writing.

Entrepreneurship, Leadership, and Creativity—24 units

The Certificate in Entrepreneurship, Leadership, and Creativity offers an innovative approach to the increasingly complex and changing business environment. The program includes four major elements:

• A toolkit of basic principles and skills for the study and practice of entrepreneurship and business startup.
• Basic grounding in the theory and practice of social entrepreneurship, which focuses on the social, as well as the economic, value of entrepreneurial activity.
• Analysis of the broader context of entrepreneurship, drawing on perspectives from Arts & Sciences disciplines to examine social, economic, historical, and cultural forces that influence the subject.
• Multiple and interdisciplinary perspectives for examining creativity, leadership, and innovation as important elements of entrepreneurial thinking and behavior.

The course work and instruction associated with the program is both theoretical and experiential, enabling you to apply course information to your current and prospective work environments.

While this is considered an undergraduate certificate program, all students, with different levels of academic background and professional experience, and whose goals and interests in entrepreneurship and leadership are consistent with the program goals, may apply to the program or register for the courses as long as they have met program admission requirements and course prerequisites.

Courses

This is a 24-credit-unit certificate program, composed of required courses and elective courses. Required courses a) provide basic information, skills, and tools with which to understand and practice entrepreneurship, both in
the conventional sense of business startup and the broader sense of social entrepreneurship; and b) provide strategies for effective leadership and management in a variety of entrepreneurial work environments. Elective courses, which must be drawn from Arts & Sciences disciplines, a) place entrepreneurship and creativity in a broader historical and intellectual context; and b) provide different perspectives, examples, and applications associated with creativity, innovative thinking, and entrepreneurial activity. All courses, required and elective, are University College evening courses. Other elective courses, evening and day, also may be taken, subject to University College approval.

Required Courses—15 units
U44 232 Entrepreneurship
U44 410 Social Entrepreneurship
U44 305 Leadership for Organizational Success
U44 263 Financial and Managerial Accounting
U44 270 Marketing Concepts

Geographic Information Systems—18 units
Geographic information systems (GIS) display and manage all types of data over time, usually in the form of maps, charts, and reports, to help analyze patterns and trends.

GIS technology, easily integrated into any organization’s information system, provides a quick and effective method for sharing data visually and solving problems. GIS is widely used in many fields and industries, including environmental science, architecture, engineering, medicine, municipal government, public health, social work, business, and a variety of research enterprises.

The 18-unit Certificate in Geographic Information Systems offered through University College teaches both fundamental and advanced concepts and skills, including design of GIS projects, operation of software, cartographic output, spatial analysis, and industry-specific applications of GIS. The certificate targets working professionals seeking course work and skill enhancement in the field, as well as students wishing to complement their academic interests with additional training in GIS.

The Certificate in Somatic Studies offers a diverse spectrum of movement experiences and techniques aimed at self-awareness and self-knowledge, rather than artistic public performance. With the coordinator’s approval a maximum of 3 units of course work from other disciplines may be applied to the Certificate in Somatic Studies (Request Info).
Requirements for the Certificate

The Certificate in Somatic Studies is composed of a minimum of 17 credit units of course work, including the required 2-unit course, U31 285 Introduction to Somatic Practices, an introductory survey of a variety of practices offered in the program, complemented by lectures on related disciplines such as biology, philosophy, and psychology. Students choose an additional 15 units from the courses noted below according to individual interests and goals. As noted above, with the coordinator’s approval, a maximum of 3 units of other course work, including courses from other disciplines, may be applied to the Certificate in Somatic Studies.

- U31 104 Body Conditioning
- U31 106 Introduction to Dance as a Contemporary Art Form
- U31 110 Topics in Dance: Alexander Technique
- U31 115 Beginning T’ai Chi Ch’uan I
- U31 116 Beginning T’ai Chi Ch’uan II
- U31 119 Body–Mind Balance
- U31 120 Yoga and Relaxation Techniques
- U21 157 Dance Workshop
- U31 176 Authentic Movement and Body–Mind Integration
- U31 208 Introduction to Pilates
- U31 212 Contact Improvisation
- U31 220 Intermediate Yoga
- U31 285 Introduction to Somatic Practices—Required
- U31 385 Special Studies in Somatics
- U31 411 Teaching Creative Movement to Children
- U31 423 Topics in Dance: Dance/Movement Therapy
- U31 430 Applied Anatomy for the Performing Artist

Note: This certificate is recognition of a general emphasis of educational study and does not entitle its bearer the authority to teach specific methods that have their own established certification standards or regulatory policies concerning such practice.

Strategic Communication—21 units

The Certificate in Strategic Communication provides essential skills for designing, implementing, and managing business communications programs for a range of corporate, agency, and nonprofit organizations. Students in the program learn to coordinate internal and external communications. Program components help students implement programs personally, manage in-house resources, or direct external teams of communications professionals.

The program provides in-depth instruction in writing, editing, and presentation along with analysis of critical concepts in communications research, management, marketing, advertising, public relations, technology, and media (traditional and new)—and how these functions relate to each other in creating effective organizational communications.

A wide choice of electives allows students to customize a program to support individual career aspirations in disciplines such as public relations or advertising, or to pursue more depth in business, research, or technology.

The 21-unit program includes five required courses and two authorized elective courses.

Required Courses—15 units

- U48 203 Writing for Business Success OR
- U48 211 Introduction to Journalism
- U48 262 Introduction to Strategic Communication
- U48 3451 Copyediting: Basic Editorial Skills
- U48 3411 Technology for Managers: Tools and Strategies
- U11 324 Professional Writing, Speaking, and Presentation
Sustainable Communities and Development—21 units
Sustainable communities are planned, built, and modified to promote a quality of life that is ecologically responsible and inclusive to foster the creative use of our physical and cultural resources. The Certificate in Sustainable Communities and Development, designed primarily for professionals in architecture, planning, law, government, and development, offers knowledge and methods to design and develop sustainable places and spaces within our community. Grounded in a comprehensive understanding of the ecological, political, and social context of the subject, the program also offers students a set of specific practical skills with which to plan sustainable communities. The scientific, political, economic, and social implications of sustainable development and design are addressed in the core and elective courses. A studio-based capstone experience addresses the collaborative and integrative nature of sustainability development. The program includes 21 units of undergraduate course work, 9 units in required courses noted below, and 12 units in electives noted below (others with authorization). Courses that apply to this certificate program may be found by selecting “U19 Sustainability” under the Courses and Registration tab on the University College website.

Required Courses—9 units
- U29 364 Global Sustainability
- OR
- U29 413 Environmental Science: Regional and Global Perspectives
- OR
- U19 344 International Development and Sustainability
- U44 358 Systems Thinking and Decision Analysis
- U19 450 Sustainability Capstone

Sustainable Management and Organizations—21 units
The Certificate in Sustainable Management and Organizations provides an interdisciplinary approach to understanding and resolving today’s most pressing and complex business and organizational challenges. The program includes foundation courses that examine sustainable living from multiple perspectives, as well as more targeted courses that focus on sustainable business, management, and leadership strategies, including the triple bottom line—economic, social, and environmental. The program includes 21 units of undergraduate course work, 9 units in required courses noted below, and 12 units in electives noted below (others with authorization). Courses that apply to this certificate program may be found by selecting “U19 Sustainability” under the Courses and Registration tab on the University College website.

Required Courses—9 units
- U29 364 Global Sustainability OR
- U29 413 Environmental Science: Regional and Global Perspectives OR
- U19 344 International Development and Sustainability
- U44 358 Systems Thinking and Decision Analysis
- U19 450 Sustainability Capstone

Sustainable Environment and Science—21 units
The Certificate in Sustainable Environment and Science provides an interdisciplinary approach to understanding and resolving today’s most pressing and complex environmental and ecological challenges. The program includes foundation courses that examine sustainable living from multiple perspectives, as well as more targeted courses that focus on environmental sciences, natural resources, and energy. The program includes 21 units of undergraduate course work, 9 units in required courses noted below, and 12 units in electives noted below (others with authorization). Courses that apply to this certificate program may be found by selecting “U19 Sustainability” under the Courses and Registration tab on the University College website.

Required Courses—9 units
- U19 344 International Development and Sustainability
- U29 364 Global Sustainability OR
- U29 413 Environmental Science: Regional and Global Perspectives OR
- U44 358 Systems Thinking and Decision Analysis
- U19 450 Sustainability Capstone
University College Offers Graduate Certificates in the following areas:

Applied Mathematics—15 units
The Advanced Certificate in Mathematics recognizes those who have pursued significant advanced study in the field of mathematics beyond the bachelor’s degree. It is awarded upon completion of 15 units of 400-level course work in applied mathematics.

Admission to the graduate certificate program normally requires a baccalaureate degree with an undergraduate preparation in mathematics, including the equivalent of calculus through Math U20 256 Calculus IV and courses in C programming, differential equations, and matrix algebra.

A Sample of Graduate Courses in Mathematics at University College
- U20 404 Numerical Methods
- U20 405 Advanced Calculus
- U20 415 Partial Differential Equations
- U20 433 Applied Abstract Algebra
- U20 436 Linear Programming and Extensions
- U20 493 Probability
- U20 494 Mathematical Statistics

Clinical Research Management—21 units
The Graduate Certificate in Clinical Research Management is designed primarily for experienced professionals who already hold an advanced degree in a related health care field or in business, and who need a targeted cluster of courses in clinical research management for career enhancement. Candidates for the graduate certificate aspire toward leadership positions in academic research centers or related private sector organizations, especially the pharmaceutical industry.

Requirements
The 21-unit certificate program consists of the following required courses:
- U80 500 Fundamentals of Clinical Research Management
- U80 512 Advanced Data and Information Management in Health Sciences
- U80 515 Medical Writing for Clinical Research
- U80 518 Drug and Device Development
- U80 520 Trends in Health Care Policy
- U80 522 Compliance, Legal, and Regulatory Issues
- U80 588 Epidemiology for Clinical Research

All courses must be completed with a minimum overall GPA of 3.0
All courses must be taken at Washington University

Health Behavior Planning and Evaluation—15 units
The Graduate Certificate in Health Behavior Planning and Evaluation is designed primarily for individuals who work in agencies and organizations that develop, implement, and evaluate health behavior programs and want the formal course work and skills training to complement their experience in the field and enhance their professional opportunities.

The 15-credit certificate program focuses on key applied and theoretical concepts in health behavior and processes for managing program development and evaluation activities in clinical and community settings.

Requirements for the Certificate in Health Behavior Planning and Evaluation
The curriculum for the 15-credit Graduate Certificate Program in Health Behavior Planning and Evaluation includes four required courses and one elective course. The four required courses are:
- U88 508 Project Management in Clinical and Community Settings
- U88 514 Health Behavior Theory
U88 536 Health Education: Methods, Planning, and Evaluation
U88 582 Evaluation of Health Service Programs
Examples of electives are:
U88 508 Health Psychology
U88 514 Health Disparities
U88 536 Community Health Promotion
U88 582 Applied Data Management

Math Education—15 units
Washington University Institute for School Partnership, in coordination with mathematics and education, has established a 15-hour graduate certificate program in math education through University College, the evening division of the College of Arts & Sciences. The certificate program is directed at in-service teachers of grades K–8. Candidates for this program generally teach K–8 math, but do not have a college degree in math. Admission to the program is competitive and by application only.

Teachers receive 3 graduate credits in education for each relevant course completed. The credits may include undergraduate math courses offered through University College, as well as selected math education courses. The program is designed so teachers will receive graduate credit for the additional undergraduate courses.

Human Resources Management—15 units
This certificate offered through University College provides a range of courses in the major responsibilities and challenges of human resources to prepare students to work effectively in the field. Originally designed for Washington University master’s students and as a complement to the curricula in the schools of business, engineering, and social work, the certificate is also available to the general public.

Certificate Requirements
The Certificate in Human Resources Management is a 15-unit program composed of four required courses and one elective. Required courses are:
U87 520 Organizational Behavior and Administration
U87 531 Human Resources Management
U87 543 Compensation Management
U87 571 Legal Aspects of Human Resources Management

Human Resources Management—15 units
This certificate offered through University College provides a range of courses in the major responsibilities and challenges of human resources to prepare students to work effectively in the field. Originally designed for Washington University master’s students and as a complement to the curricula in the schools of business, engineering, and social work, the certificate is also available to the general public.

Certificate Requirements
The Certificate in Human Resources Management is a 15-unit program composed of four required courses and one elective. Required courses are:
U87 520 Organizational Behavior and Administration
U87 531 Human Resources Management
U87 543 Compensation Management
U87 571 Legal Aspects of Human Resources Management

International Affairs—15 units
For the 15-unit Advanced Certificate in International Affairs, you must take two international issues courses and two foreign area-studies courses. The fifth course may be chosen from the International Affairs curriculum or a related area. All courses must be on the 400 (graduate) level or above. Tuition rates and application procedures are the same as for the 30-credit M.A. degree.
Quantitative and qualitative program evaluation
Financial management
Planning and decision-making
Social, economic, and political trends affecting the nonprofit sector

Certificate Requirements
Students seeking the Advanced Certificate in Nonprofit Management must complete 15 units of 400-level course work with a 3.0 grade point average and no grade below a B- (B-minus). The certificate can normally be completed in one to two years.

Course Requirements
The following courses are required for the 15-unit certificate:
U76 507 Management in Nonprofit Organizations
U76 508 Resource Development for Nonprofit Organizations
U76 525 Financial Management in Nonprofit Organizations
U76 570 Legal Issues Impacting Nonprofit Organizations
The remaining 3 units are electives.

Post-Baccalaureate Premedical Program—30 units
The Post-Baccalaureate Premedical Program at Washington University enables qualified college graduates to take core and elective science and math courses that satisfy medical school admission requirements. You also may take approved elective courses in natural sciences, social sciences, and humanities that provide a broad context and skill set for the practice of medicine today. The program is flexible to accommodate individuals changing careers, including those without a science background. For students who enter the program with most premedical course requirements complete, the program offers numerous upper level biology courses to enhance a previous academic record and demonstrate science mastery. Courses are typically taken during the evening, and are available in fall, spring, and summer terms. Day courses are also available to students though tuition rates are higher.

Students earning at least 30 units of credit, 24 units of which must be completed at Washington University with a cumulative grade point average of 3.2 or higher, will be awarded a Certificate of Post-Baccalaureate Premedical Study.

Students wishing to complete fewer than 24 units of course work are not eligible for admission to the program, but are welcome to register for courses at Washington University on a nondegree basis.

The Curriculum
The core courses in the Post-Baccalaureate Premedical Program meet the general requirements for American medical schools, as well as those for dental, veterinary, osteopathic, and other health professional programs. Students are urged to check individual schools and programs for specific entry requirements. All courses taken as part of the Post-Baccalaureate Premedical Program must be taken for letter grades, except for courses offered only on a Pass/Fail basis. Students who wish to take course work other than the core requirements must have advisor approval.

Core Courses
Biology: two semesters with laboratory
General Chemistry: two semesters with laboratory
Organic Chemistry: two semesters with laboratory
Math: two semesters of college math. Varies according to school. Statistics recommended. For broadest range of schools, complete Calculus I and II.
General Physics: two semesters with laboratory
English: two semesters, one of composition

In addition to the core courses, elective courses in biology, chemistry, physics, and mathematics are also available.
Post-Baccalaureate Teacher Certification—30 units minimum

For students who have completed a bachelor’s degree, Washington University offers the course work necessary to obtain a Missouri secondary teaching certificate. All course work is available through University College during afternoon and evening hours with the exception of student teaching, which is available during the fall (elementary) or spring (secondary, middle, and K–12) semester. Required course work is taken for undergraduate credit. The program tuition rate for any courses leading to certification is the stated University College undergraduate tuition as listed in the University College course schedule.

Certification Areas

Certification through the Post-Baccalaureate Program is available in the following teaching areas:

Secondary teaching areas: English, mathematics; biology; chemistry; earth science; physics; social studies

Middle School 5–9: English; social studies; mathematics; science

K–12 teaching areas: art; classics (Latin); modern foreign languages (French, German, Japanese, Russian, Spanish)

Elementary Education 1–6

State requirements for certification are complex and change frequently; thus it is important that students interested in certification consult with an advisor in the Department of Education prior to applying to the Post-B.A. program.

Program of Study

The actual number of credit hours necessary for certification depends on the student’s background and program. Upon admission to the Post-B.A. program, each student’s transcript(s) is evaluated by an advisory committee in the Department of Education to determine the courses needed for certification. Students who have no prior course work in education should plan on a minimum of 30 credit hours in education courses (48 hours for elementary). Persons already certified at the elementary or secondary level can pursue middle school certification through the Post-B.A. program.

Program Completion

The Post-B.A. program may be completed within two years. All education courses are offered at least once a year; many are offered twice. Only those courses needed to complete certification requirements are considered part of the program. Thus, a person can prepare for a career in education quickly, while continuing to work until the semester of student teaching.

Upon satisfactory completion of all the requirements for the Post-Baccalaureate program, students are recommended for teacher certification to the State of Missouri.

Science Education—15 units

Washington University Institute for School Partnership, in coordination with the departments of biology and education, has established a 15-hour graduate certificate program in science education through University College, the evening division of the College of Arts & Sciences. The certificate program is directed at in-service teachers of grades K–8. Candidates for this program generally teach K–8 science, but do not have a college degree in science. Admission to the program is competitive and by application only.

Teachers receive 3 graduate credits in education for each relevant course completed. The credits may include undergraduate natural science and math courses offered through University College, as well as selected science education courses. The program is designed so teachers receive graduate credit for the additional undergraduate courses.
opera programs to be found anywhere. Golf courses, tennis courts, an art museum, and a world-famous zoo are in Forest Park, the university’s next-door neighbor. The Saint Louis Art Museum, the Missouri Historical Society, the Science Center, and the Missouri Botanical Garden all contain outstanding exhibits and research opportunities. Nature lovers can bike and hike through Missouri’s wine country on the Katy Trail or take a lazy weekend float trip down one of Missouri’s wilderness streams.

Summer Writers Institute
The Summer Writers Institute of University College brings together some of the brightest and most accomplished writers from St. Louis and beyond. Offering workshops in a number of different genres, from creative nonfiction to screenwriting, the institute allows students to hone their craft and explore new approaches. Workshops meet in the evening for one week. Weekends are dedicated to craft talks, one-on-one critiques, faculty readings, and a final open mic. Kept to small enrollments to encourage dynamic discussions, the workshops are led by professional, published writers who are experts in their fields and accomplished in providing constructive critique. All are conducted on Washington University’s campus—home to a century of great writing, from reluctant student Tennessee Williams to current National Book Award Finalist Carl Phillips. For more information, call (314) 935-6720 or visit swi.ucollege.wustl.edu.

Summer in St. Louis
Summer in St. Louis is one of the best times to experience this exciting city. You can enjoy concerts by the renowned Saint Louis Symphony Orchestra and catch baseball fever while watching the Cardinals downtown. There are art fairs and house tours in beautiful turn-of-the-century neighborhoods. Fair Saint Louis on the Mississippi Riverfront is the country’s largest Fourth of July celebration, and during May and June the Opera Theatre of St. Louis offers one of the most innovative and exciting regional
High School Summer Institutes

The three-week noncredit Summer Institutes provide high school students with an avenue to explore a specialized interest during the summer following their sophomore or junior year of high school. Students live in a secure residence hall and join other high school program participants in additional educational, social, and cultural opportunities. Options vary each summer. For more information, call toll free (866) 209-0691 or visit summerexperiences.wustl.edu.

High School Summer Scholars

Our five-week academic residential High School Summer Scholars Program provides an early taste of college life for academically talented students during the summer following their sophomore or junior year of high school. Participants get a headstart on college, enrolling in two college courses chosen from a variety of stimulating introductory college courses offered by the Summer School. These credits can later apply toward a degree at most accredited colleges or universities. Scholars live in a secure residence hall and enjoy a variety of educational, social, and cultural opportunities. This can be a perfect steppingstone to the next stage of their education. For more information, call toll free (866) 209-0691 or visit summerexperiences.wustl.edu.

High School College Access

The College Access program offers an opportunity for mature, academically successful high school juniors and seniors in the St. Louis area to take college courses at Washington University while still completing their secondary school curriculum. Accepted students may enroll in selected day or evening courses during the fall, spring, or summer sessions, and upon successful completion will earn Washington University college credit, transferable to most other colleges and universities. For more information, call (314) 935-4807 or visit hscollegeaccess.wustl.edu.
In addition to earning academic credit through University College, you may also study for personal enrichment and professional development through a number of noncredit opportunities. For more information on personal and professional development programs, please call (314) 935-6700 or visit ucollege.wustl.edu.

Noncredit Short Courses
University College offers a wide range of noncredit short courses for personal enrichment and professional development. Taught by Arts & Sciences faculty at Washington University as well as experienced practitioners, noncredit courses address contemporary questions, historical periods and figures, philosophical concepts, and artistic and literary works that have shaped culture. Short courses also provide a toolbox of skills for job enhancement and career development in a variety of business and organizational settings. Finally, noncredit short courses teach creative expression through writing, film, music, dance, and other creative forms. If you are interested in lively discussion and lifelong learning for personal or professional development, try a noncredit short course.

Arts & Sciences Special Audit Program
The Arts & Sciences Special Audit Program provides the opportunity to audit selected undergraduate and graduate courses offered by University College and Arts & Sciences at a reduced fee on a noncredit, space-available basis. Courses are scheduled during day and evening hours for fall and spring. Courses taken as special audit will not appear on a Washington University transcript and a grade report is not issued. Courses taken on a special audit basis do not carry academic credit and do not apply to degree requirements in a University College program of study. Special auditors attend lectures and discussions, but are not required to complete written work. The special audit option in University College makes it easy to challenge yourself to high-quality continuing education at Washington University.

MLA Saturday Seminar Series
The MLA Saturday Seminars, held each spring and sponsored by the Master of Liberal Arts Program in University College, showcase Arts & Sciences faculty at Washington University who explore a common theme from different perspectives and academic disciplines. The seminars are offered free of charge to the public.

Science Saturdays
University College and the Department of Physics invite you to join Washington University scholars and teachers as they explore the frontiers of science. Lecture series, scheduled in both fall and spring semesters, are offered free of charge to the public.

Lifelong Learning Institute
The Lifelong Learning Institute (LLI) at Washington University offers a wide variety of courses that emphasize peer learning and active class participation by senior adults. Study groups are not for credit, and there are neither exams nor grades. There are offerings in art and architecture, contemporary issues, creative writing, economics, film studies, history, literature, math/science/technology, music, and philosophy. Knowledgeable members plan, develop, and present the courses and related field trips, workshops, and cultural and social events. Most subjects are offered in three 8-week regular terms (fall, winter, and spring) and one 4-week summer session. A few special interest group courses continue year-round. Those who enroll as annual members are entitled to take two 8-week courses or one 8-week and two 4-week courses in each of the fall, winter, and spring terms. Those who do not choose annual membership enroll in individual 4- and 8-week courses. Classes meet at Washington University’s West Campus in the building on the northwest corner of Forsyth and Jackson streets, 9 North Jackson, in Clayton. There are elevators between the upper garage floors and the classroom floor on the street level. For more information and to be put on our mailing list, visit the LLI website: lli.ucollege.wustl.edu or call (314) 935-4237.
Students are required to satisfy all degree, major, and other program requirements as published in the Bulletin and on the University College website at the date of admission to a University College program of study, with a 10-year statute of limitations. If any changes are made to degree, major, and other program requirements prior to June 30, 2014 and noted on the University College website, students who have been admitted to a program of study prior to these changes being made may retain the requirements associated with the original program as printed in the Bulletin or, with University College authorization, may make appropriate changes to their original program of study in order to adapt to newer requirements. Students admitted to a program of study after program changes are made are required to meet the new requirements and not the original requirements as posted in the Bulletin. If a student has been away from University College for 10 or more years and the original degree or major is no longer offered, the student must select a new, currently offered major and program of study. If a student has been away from University College for 10 or more years and the original degree or major is currently offered but has changed, University College will first review the requirements associated with the original program and, in consultation with the student and relevant academic departments, select degree and major requirements, including appropriate course substitutions from either the original or current program.

Courses
The number of units assigned to each class is noted in the semester Course Schedule. Courses numbered 100(0)–399(9) carry credit toward an undergraduate degree. Courses numbered 400(0)–499(9) normally carry undergraduate or graduate credit. Graduate-level courses numbered 500(0) and above are open only to students admitted to a graduate program or by permission of the instructor and the program director.

Grades
University College’s grading system is based on a rated 4.0 scale. The scale and grade points per unit of academic credit for each letter grade are as follows:

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<th>Grade</th>
<th>Points</th>
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<tr>
<td>A+</td>
<td>4.0</td>
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<tr>
<td>A</td>
<td>4.0</td>
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<tr>
<td>A-</td>
<td>3.7</td>
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<td>B+</td>
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<td>C+</td>
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CR Credit awarded, but work was not subjected to more precise evaluation
NCR No credit/student’s work was not satisfactory
N No grade received by the Registrar’s Office by the grading deadline
I Incomplete/semester’s work not finished, including failure to complete final exam
also be required as a prerequisite for more advanced course work in that subject area. A few courses particularly designated by departments may require enrollment on a Credit/No Credit basis, in which case the course would not be included in the 10 percent limit.

The Audit grade may be chosen if you wish to have your registration and grade for a course recorded on an official transcript, but you do not seek academic credit for the course. You must meet the requirements established by the instructor to successfully audit a course. As an auditor, normally you are required to attend and participate in a course, but you are not required to complete all written assignments and examinations.

The Special Audit is offered only for a selected number of University College courses in the fall and spring semesters. Courses taken as Special Audit will not appear on a Washington University transcript, and a grade report is not issued. Courses taken on a Special Audit basis do not carry academic credit and do not apply to degree requirements in a University College program of study. Special auditors attend lectures and discussions, but are not required to complete written work.

A grade of I (Incomplete) indicates that the instructor has agreed to withhold a final grade pending the completion of a small portion of required work normally due at the end of a semester. If you experience a medical or personal problem that makes timely completion of course work difficult or unlikely, you may request a grade of Incomplete from the instructor prior to the end of the semester. If the instructor consents, an Incomplete Agreement form must be completed. Sixty days after the end of a semester, a grade of Incomplete without an Incomplete Agreement form will be converted to F. For undergraduate students, if the work is not completed within a period of one calendar year the grade of I will be changed to F. For graduate students, if the work is not completed within a period of one calendar year, the grade of I will remain a permanent grade. Future enrollment may be withheld for University College students who have accumulated more than 9 units of incomplete work within the previous two years.

A grade of N indicates that no grade has been received by the Registrar’s Office by the grading deadline. Sixty days after the end of a semester, a grade of N will be converted to F. Continuing Master’s Research is the only exception to the above policy, in which case the permanent grade is N.

These grading policies apply to all University College courses. Only courses taken for a letter grade may be applied to a graduate program of study. Courses taken as Pass/Fail or Audit will not count toward a graduate program of study. Grades below C- will not count toward a graduate program of study. Students are responsible for knowing the specific grading criteria and course requirements set by individual instructors. Grades are posted online at the end of the semester. No grades are given by telephone or orally in the office.

You may choose among four grading options at the time of registration: a letter grade, Credit/No Credit (also referred to as Pass/Fail), Audit, or Special Audit. Changes from one option to another must be made by the dates indicated in the calendar printed each semester in the University College Course Schedule. You must select the grade option at the time you register, and any changes must be made according to the dates published in the semester Course Schedule. Grade option changes are not permitted after a semester is over.

The Credit/No Credit option, available for certain courses, allows you to enroll in courses on a Pass/Fail basis. Under this option, you receive credit for courses satisfactorily completed, but a grade is not assigned or calculated in your cumulative grade point average. The standards for receiving Credit are at the discretion of each individual instructor. Undergraduate degree candidates may enroll in no more than 10 percent of their credits taken at Washington University under this option. Courses intended to satisfy the basic and advanced writing requirements for the Associate in Arts and Bachelor of Science degrees, courses in the major and minor, and courses specific to a graduate degree or any certificate are excluded from the Credit/No Credit option. Graduate schools and current employers may require specific letter grades rather than Credit only. A specific grade may also be required as a prerequisite for more advanced course work in that subject area. A few courses particularly designated by departments may require enrollment on a Credit/No Credit basis, in which case the course would not be included in the 10 percent limit.

The Audit grade may be chosen if you wish to have your registration and grade for a course recorded on an official transcript, but you do not seek academic credit for the course. You must meet the requirements established by the instructor to successfully audit a course. As an auditor, normally you are required to attend and participate in a course, but you are not required to complete all written assignments and examinations.

The Special Audit is offered only for a selected number of University College courses in the fall and spring semesters. Courses taken as Special Audit will not appear on a Washington University transcript, and a grade report is not issued. Courses taken on a Special Audit basis do not carry academic credit and do not apply to degree requirements in a University College program of study. Special auditors attend lectures and discussions, but are not required to complete written work.

A grade of I (Incomplete) indicates that the instructor has agreed to withhold a final grade pending the completion of a small portion of required work normally due at the end of a semester. If you experience a medical or personal problem that makes timely completion of course work difficult or unlikely, you may request a grade of Incomplete from the instructor prior to the end of the semester. If the instructor consents, an Incomplete Agreement form must be completed. Sixty days after the end of a semester, a grade of Incomplete without an Incomplete Agreement form will be converted to F. For undergraduate students, if the work is not completed within a period of one calendar year the grade of I will be changed to F. For graduate students, if the work is not completed within a period of one calendar year, the grade of I will remain a permanent grade. Future enrollment may be withheld for University College students who have accumulated more than 9 units of incomplete work within the previous two years.

A grade of N indicates that no grade has been received by the Registrar’s Office by the grading deadline. Sixty days after the end of a semester, a grade of N will be converted to F. Continuing Master’s Research is the only exception to the above policy, in which case the permanent grade is N.
Transfer Credit

University College will accept undergraduate transfer credits from other accredited institutions for courses that are comparable to those offered at Washington University. Transfer credit may satisfy distribution requirements of University College and may fulfill a portion of the major requirements. A maximum of 84 units may be transferred for the Bachelor of Science degree; a maximum of 66 units will be accepted from a junior or community college. A maximum of 24 units may be transferred for the Associate in Arts degree. No more than 6 units may be transferred into a graduate degree program in University College. Transfer credit will not be given for internships and independent studies, nor will it be given for grades below C- received at other institutions. A maximum of 30 units in transfer credit for online courses may be awarded for University College-approved course work from other appropriately accredited institutions. The combined total number of units accepted in transfer credit for online courses, College Level Examination Program, Advanced Placement, and International Baccalaureate may not exceed 30. Transfer credit for study abroad must be pre-approved by University College and the Office for International Students and Scholars. See page 13 for transfer credit policies and minimum grade requirements concerning the undergraduate writing requirement. To receive transfer credit, a student must be admitted to a University College degree or certificate program and submit official transcripts from all institutions previously attended. All records must be in English. International records must be evaluated for transfer credit by an accredited transcript evaluation agency. Advisors will evaluate transcripts to determine transfer credit and remaining course requirements toward a University College degree or certificate.

Advanced Courses

Students must complete a minimum of 30 units of advanced (300–400) courses in order to receive the Bachelor of Science degree.

Residency Requirement

The final 36 units of course work toward the Associate in Arts degree or the Bachelor of Science degree must be completed at Washington University. At least half of the credits for the concentration (Associate in Arts) or major (Bachelor of Science) must be completed at Washington University. Students with a gap in their studies at University College for more than 10 years are required to meet the 36-unit residency requirement upon return.

Repeating a Course

Students may repeat a course in which a grade of D or F was received (including 100- to 200-level courses with University College authorization), in which case only the most recent grade will be included in calculating your grade point average. Departmental permission is required. All enrollments will appear on your transcript, but the symbol “R” will replace the earlier grade for a repeated course if the grade in the second enrollment is equal to or higher than the grade in the first enrollment. A course may be repeated only once for credit.

Satisfactory Academic Progress, Academic Probation, and Suspension

To remain in good academic standing, an undergraduate student must maintain a 2.0 grade point average and a graduate student must maintain a 3.0 grade point average. Additionally, in considering good academic standing, University College may take into account the extent to which a student’s educational and professional goals are consistent with the aims of the program to which the student is admitted. A student whose previous semester’s work is unsatisfactory, or whose cumulative record is unsatisfactory, or who has a history of failure to complete course work without adequate reason may be placed on academic probation. Probationary status serves to warn a student who is not making satisfactory progress. Unless the quality of work improves during the next semester, a student may be suspended or dismissed from the program and future enrollment may not be allowed. University College reserves the right to cancel the registration of students who have been placed on academic suspension or dismissed. Subsequent re-admission will be determined on an individual basis.
ACTRAC Accelerated Option

ACTRAC, the accelerated study option in University College, is available in most undergraduate majors and selected other courses for qualified students in the fall and spring terms. Students choosing ACTRAC may receive 1 additional credit in a designated 300- or 400-level course by arranging with the instructor to do additional reading, research, and writing. ACTRAC requirements include admission to a University College undergraduate degree program, successful completion of at least 12 credits, 3.0 minimum grade point average, and University College verification and authorization. Students are charged tuition for 4 credits for an ACTRAC course.

Intent to Graduate and Commencement

All degree and certificate candidates must complete the Intent to Graduate form before their last semester. Candidates may file online or on paper. Forms and instructions with deadline dates are available in the University College office. Students are responsible for meeting the deadline for filing the Intent to Graduate. All graduates are invited to Commencement and recognition ceremonies in May when degrees are conferred and certificates presented.

Independent Study, Directed Research, and Internships

Through independent study or directed research, students may pursue topics of special interest under the supervision of a member of the faculty. Internships offer opportunities to apply classroom theory and concepts to practical work situations and to explore possible career directions. Students must submit a completed Independent Study form or Internship Learning Agreement to the University College office before registering. A maximum of 6 units of credit in independent work, including internships and study abroad, may count toward the Associate in Arts and Bachelor of Science degrees for students who complete 60 units or less at Washington University; students who earn more than 60 units at Washington University may do up to 9 units of independent work. No more than 6 units of independent study, including internships and study abroad, may be applied toward the major and no more than 6 units of independent study may be attempted in a single semester. Rules governing graduate credit for independent work vary according to each graduate program.

Minor

A minor in University College consists of a minimum of 15 units of authorized course work in selected academic disciplines or interdisciplinary programs in University College. The course requirements for a minor are determined by each department or program.

At least 9 units must be advanced course work (300 level or above), and at least 6 of the 9 units in advanced course work must be completed at University College. A maximum of 3 units of transfer credit may be applied to the minor. A minor is available only to students admitted to a University College Bachelor of Science degree program. Course work taken as part of the minor may fulfill distribution requirements, but the same course may not apply to both a major and a minor. Only courses receiving a grade of C- or higher will be applied to the minor. In order to be awarded the minor students must earn a cumulative grade point average of 3.0 or higher in all courses taken toward the minor. With the exception of Business, students may not pursue a minor in an area for which a certificate is offered in University College. To declare a minor, submit a completed “Minor” form to an academic advisor in University College before beginning the final 36 units of course work.
College Level Examination Program (CLEP)

University College will grant credit to students for successful completion of selected College Level Examination Program (CLEP) tests. University College does not award academic credit for experiential learning or community and business activities other than through CLEP examinations. For more detailed information about eligibility, selected exams, exam administration, minimum scores, and all other CLEP matters, contact University College at (314) 935-6700 or visit ucollege.wustl.edu.

Advanced Placement Credit

Students may receive a total of 15 units of advanced placement credit from standardized placement tests that were completed prior to being admitted to a University College undergraduate degree program. Units earned through advanced placement may apply toward University College distribution requirements. In order to receive advanced placement credit, submit official score reports from Advanced Placement Examinations, College Board Achievement and Aptitude Tests, the International Baccalaureate (higher levels), and British A-level examinations. The combined total number of units accepted in transfer credit for online courses, College Level Examination Program, Advanced Placement, and International Baccalaureate may not exceed 30.

Student Academic Records

A permanent record of courses, grades, and credit for each student is maintained in the Office of Student Records, which will issue official transcripts upon written authorization by the student. Transcript requests must include student’s name, student number, date of birth, and approximate dates of attendance. Student records may be reviewed online at https://acadinfo.wustl.edu. The Family Educational Rights and Privacy Act of 1974 (FERPA) provides current and former students of the university with specific rights of access to and control over their student record information. A copy of the university policies and procedures regarding educational records and the release of student record information may be obtained from the Office of Student Records.

Academic Integrity

University College instructors and students are expected to follow principles and practices of academic integrity as defined by the Undergraduate Student Academic Integrity Policy at Washington University, studentconduct.wustl.edu/integrity/policy. As noted in that document, “Effective learning, teaching and research all depend upon the ability of members of the academic community to trust one another and to trust the integrity of work that is submitted for academic credit or conducted in the wider arena of scholarly research. Such an atmosphere of mutual trust fosters the free exchange of ideas and enables all members of the community to achieve their highest potential. In all academic work, the ideas and contributions of others must be appropriately acknowledged, and work that is presented as original must be, in fact, original. Faculty, students, and administrative staff all share the responsibility of ensuring the honesty and fairness of the intellectual environment at Washington University.”

This policy applies to all undergraduate and graduate students at Washington University. If a student is charged with a violation of academic integrity, the case will be reviewed by the school or college in which the class is listed and taught, not the school in which the student is enrolled—though all violations and sanctions will also be reported to the student’s college of enrollment. At Washington University violations of academic integrity are handled by the individual schools or colleges rather than by the Office of Judicial Programs, which normally adjudicates cases serious enough to warrant suspension or expulsion.

Violations of the academic integrity policy include plagiarism; cheating on an examination; copying or collaborating on assignments without permission; fabrication or falsification of data or records; and other forms of deceit, dishonesty, or inappropriate conduct. Academic integrity policies concerning intellectual property and proper citation apply equally to elec-
tronic, digital, and conventional print resources. Please see the detailed Undergraduate Student Academic Integrity Policy at Washington University for examples of each of these categories. Additionally, if you observe another student violating this policy, you have a responsibility to confront the student, report the misconduct to the instructor, or seek advice from the appropriate dean or academic integrity officer.

All violations of academic integrity will be reported to and investigated by the academic integrity officer in University College. If it is determined that you have acted dishonestly, or even if you have admitted the charges prior to a formal investigation or hearing, an appropriate sanction will be imposed, including, but not limited to, automatic failure of the assignment or course, or, in the case of serious or repeat violations, suspension or expulsion from the university. Withdrawing from a course will not prevent the dean from imposing or recommending sanctions.

Academic Advising and Academic Support Services

University College recognizes the rich array of backgrounds and experiences adult learners bring to the classroom and is aware that adults entering or returning to higher education may need academic counseling, guidance, and special services. Information on University College degree and certificate programs and courses is available on our website, ucollege.wustl.edu. Students are encouraged to meet with an academic advisor to discuss academic goals and interests prior to submitting an application for admission. Advisors are available to provide guidance and information about admissions, transfer and registration procedures, academic and degree requirements, course selection, special programs, student services, and other facets of Washington University. After being admitted to a degree or certificate program, students should consult with the advisor on a regular basis to discuss course sequences, degree requirements, policies, and other important information related to the particular program of study. It is the responsibility of the student to arrange for these periodic conferences. For information about advising and all student services, call the University College Office of Admissions and Student Services, (314) 935-6777, or visit us on the web at ucollege.wustl.edu.

Honors & Awards

Undergraduate Honors Program

The Undergraduate Honors Program in University College offers high-achieving students the opportunity to join a learning community dedicated to an exceptionally rigorous, flexible, and independent program of study that takes advantage of courses and services across Washington University. Upon completion of the Honors Program, eligible students will be awarded the B.S. cum laude, magna cum laude, or summa cum laude through achievement of minimum cumulative averages of 3.5, 3.65, or 3.8 respectively; recommendation by the academic department or program; and evaluation of the research and writing projects. See page 26 for more information.

Alpha Sigma Lambda

Alpha Sigma Lambda, the national honorary society for part-time evening students, is available to qualified University College students. To be eligible for membership, a student must have earned a grade point average of at least 3.2 in a minimum of 24 units of course work in residence, over a period of at least four semesters, toward a degree in University College with at least 12 units in liberal arts and sciences.

Phi Beta Kappa

For more than 200 years, election to Phi Beta Kappa has been a distinctive recognition of intellectual accomplishment in the liberal arts and sciences. Candidates for Phi Beta Kappa should have demonstrated superior scholarship as well as breadth and depth of interest in the liberal arts. Study of a foreign language and of mathematics, while not required, strongly enhances candidacy. Additionally, at least 112 credits must be completed by the end of the fall semester, at least 45 of which must be earned at Washington University.
Dean’s List
Recognition on the Dean’s List is given to students who are undergraduate degree or certificate candidates in University College who have completed a minimum of 6 units of course work at Washington University in the preceding fall or spring semester with at least a 3.5 grade point average.

Final Honors
Undergraduate degree recipients with superior records will be recognized with Final Honors at the time of graduation. Final Honors are calculated by a formula based on number of credits and grades earned in University College.

Dean’s Award for Academic Excellence
The Dean’s Award for Academic Excellence is given to one or more graduating undergraduate students with outstanding academic records, measured by, but not limited to, the grade point average.

Dean’s Award for University Service
The Dean’s Award for University Service is awarded to one or more graduating students who have made a significant contribution to University College and Washington University in areas beyond academic performance.

Dean’s Faculty Award
The Dean’s Faculty Award is normally given to a University College instructor with many years of service to recognize excellence in teaching and dedication to University College students.
University College is affordable, enabling students to pursue a Washington University education at a fraction of the cost of a full-time day program.

**Tuition and Fees**

Tuition rates for University College undergraduate and graduate courses can be found in the fall, spring, and summer Course Schedules and online at ucollege.wustl.edu/tuition/tuition_fees. Tuition and lab or materials fees vary according to course and program.

**Tuition Payment**

All tuition and fees must be paid in full at the time of registration. Acceptable methods of payment include cash, check, credit card, approved financial aid, and approved employer tuition reimbursement plans.

**Refunds**

Refunds are calculated from the date the student completes a course change online. Refunds are sent via check or credited back to the credit card that was previously charged. Check refunds can be picked up at Student Financial Services in North Brookings Hall. Checks not picked up within two weeks are mailed to the student’s local address. More information can be found in the fall, spring, and summer Course Schedules and online at ucollege.wustl.edu/tuition/refunds.

**Financial Assistance**

University College students—part-time and full-time—who are admitted to a degree or certificate program may be eligible for financial assistance in the form of grants, loans, and scholarships. Visit ucollege.wustl.edu/tuition-financialaid for more information. You can learn more about financial assistance options and obtain the appropriate forms by contacting the financial aid coordinator in University College at (314) 935-6742. If you receive any type of financial assistance through University College, you must meet the academic standing and satisfactory progress requirements as defined by the particular assistance program and Student Financial Services.

**Satisfactory Academic Progress**

Federal and state regulations require that educational institutions measure students’ academic progress toward a declared educational objective. To remain eligible and retain disbursed federal and state financial aid, students must maintain satisfactory academic progress (SAP). To remain in good standing, students must satisfy the following requirements: undergraduate students must be on pace to complete their program by attempting no more than 150% of the credits required to meet their program requirements with a C (2.0) minimum grade point average; graduate students must be on pace to complete their program by attempting no more than 150% of the credits required to meet their program requirements with a B (3.0) minimum grade point average. In addition, all students receiving financial aid are reviewed on a case-by-case basis to ensure a significant portion of enrolled courses have been successfully completed. For more information, visit ucollege.wustl.edu/financial.

**Other Financial Assistance and Payment Options**

**Half Tuition for Individuals 60 and Over:** This discount applies to most University College for-credit courses. Verification of age must be provided at the time of registration.

**Washington University Employees:** Washington University provides its employees with tuition assistance to foster their continuing education. Full-time employees with one year of service are eligible for 100% tuition remission on for-credit undergraduate courses and 50% tuition remission on for-credit graduate courses starting after 4 p.m. Remission covers a maximum of
Veterans: Individuals attending under the VA program must submit a Certificate of Eligibility, and those using Post 9/11 benefits must apply or be accepted to a degree or certificate program. University College participates in the Yellow Ribbon GI Education Enhancement Program, established in 2008. Those who qualify for the Yellow Ribbon benefits can attend University College full time with no out-of-pocket expenses for tuition and mandatory fees. For more information, visit ucollege.wustl.edu/yellowribbon.

Postdoctoral Appointees: Postdoctoral appointees appointed under the Postdoctoral Education Policy (effective July 1, 2004) having the titles of Postdoctoral Research Associate or Scholar are eligible for the Postdoctoral Tuition Plan. Remission covers a maximum of 4 credits per semester and must be undergraduate level (400 and below) and for career development purposes only. A passing grade in the course is required to retain the tuition remission. For more information, visit ucollege.wustl.edu/tuition/remission/employee.

Company-Sponsored Tuition Payment Plans: Many companies in the St. Louis area pay all or part of their employees’ tuition. Contact your supervisor or human resources department at your place of employment to determine if a tuition reimbursement plan is available. If your employer agrees to pay all or part of your tuition, submit your company’s tuition reimbursement policy, verification of your eligibility, and the University College Intent to Pay form. Payment is due approximately 30 days after the end of the semester. This payment option is not available during the summer. For more information, visit ucollege.wustl.edu/tuition/reimbursement.

University City Teachers: Teachers in the University City school district may take University College courses at a substantial discount. Verification of employment must be presented at the time of registration. For more information, call (314) 935-6700.
Sexual Harassment

Washington University is committed to having a positive learning and working environment for its students, faculty, and staff and will not tolerate sexual harassment. Sexual harassment is a form of discrimination that violates university policy. It is also illegal under state and federal law. Washington University has adapted the Equal Employment Opportunity Commission (EEOC) definition of sexual harassment for an academic community: Sexual harassment is defined as any unwelcome sexual advance, request for sexual favor or other unwelcome verbal or physical conduct of a sexual nature, including sexual violence, whether committed on or off campus. This policy applies to all members of the Washington University community. It allocates responsibilities for helping to ensure that university policy is fairly applied, explains the process by which complaints of sexual harassment may be brought forward, and provides sanctions for sexual harassment, which may range from reprimands to termination or dismissal, depending upon the severity of the offense. Anyone who believes he or she has been subjected to harassing behavior is encouraged to discuss the nature of the conduct and possible remedies with the dean by calling (314) 935-4806. Please visit hr.wustl.edu/policies/Pages/SexualHarassment for the complete Policy on Sexual Harassment.

Discriminatory Harassment

Washington University is committed to having a positive learning and working environment for its students, faculty, and staff. University policy prohibits discrimination on the basis of race, color, age, religion, gender, sexual orientation, gender identity or expression, national origin, veteran status, disability, or genetic information. Harassment based on any of these classifications violates university policy and will not be tolerated. In some circumstances such harassment may also violate federal, state, or local law. Discriminatory harassment is unwelcome and objectively offensive conduct that (a) has the purpose or effect of unreasonably interfering with an individual’s work or educational environment, (b) is directed at a particular individual or individuals because of the individual’s/individuals’ race, color, age, religion, gender, sexual orientation, gender identity or expression, national origin, veteran status, disability, or genetic information, and (c) is abusive or severely humiliating. Some conduct obviously constitutes harassment, such as a statement that all members of a disfavored group will be required to work in the basement because their supervisor does not, on the basis of their group membership, want to be near them. Whether particular conduct constitutes harassment often depends on the specific context of the situation, including the participants’ reasonable understanding of the situation, their past dealings with each other, the nature of their professional relationship (for example, supervisor–subordinate, colleague), and the specific setting. Please visit hr.wustl.edu/policies/Pages/DiscriminatoryHarassment.aspx for the complete Policy on Discriminatory Harassment.

Student Conduct

University College students are expected to conduct themselves responsibly on the Washington University premises and comply with the regulations of the university. Improper conduct is subject to the disciplinary procedures outlined in the University Judicial Code. Please see wustl.edu/policies/judicial.html. University College reserves the right to cancel the registration of and refuse future registration to any student whose presence is not, in the opinion of university authorities, conducive to the best interests of the university.
University College Administration
Robert Wiltenburg, Dean of University College
Steven Ehrlich, Associate Dean for Academics
Patricia Matthews, Associate Dean and Director of the Summer School
Katina Truman, Director of Marketing and Admissions
Elizabeth Fogt, Director of Advising and Student Services
Maria Hunter, Registrar
Karen Novak, Director of Administration, Finance, and Operations
Catherine Compton, Executive Director, Lifelong Learning Institute
Carl Williams, Financial Aid Coordinator and Academic Advisor
Shawn Cummings, Academic Advisor and Pre-Health Coordinator
Elisa Wang, Coordinator of Undergraduate Advising and Student Services

Officers of Washington University
Mark S. Wrighton, Hudson E. Bridge Chancellor
Edward S. Macias, Provost; Executive Vice Chancellor for Academic Affairs
David T. Blasingame, Executive Vice Chancellor for Alumni and Development Programs
Michael R. Cannon, Executive Vice Chancellor and General Counsel
Larry J. Shapiro, Executive Vice Chancellor for Medical Affairs and Dean, School of Medicine
Henry S. Webber, Executive Vice Chancellor for Administration
Shirley K. Baker, Vice Chancellor for Scholarly Resources and Dean, University Libraries
Barbara A. Feiner, Vice Chancellor for Finance and Chief Financial Officer
Evan D. Kharasch, Vice Chancellor for Research
Pamela S. Lokken, Vice Chancellor for Government and Community Relations
Sharon Stahl, Vice Chancellor for Students
Ann B. Prenatt, Vice Chancellor for Human Resources
Jill Friedman, Vice Chancellor for Public Affairs
Amy B. Kweskin, Associate Vice Chancellor for Finance and Treasurer
Ida H. Early, Secretary to the Board of Trustees
# Academic Divisions of Washington University

**University College**
- **Office of the Dean**
  - January 100
  - (314) 935-4806
- **Office of Admissions**
  - January 20
  - (314) 935-6777
- **Summer School**
  - January 100
  - (314) 935-6720

**Arts & Sciences**
- **College of Arts & Sciences**
  - Cupples II, Room 104
  - (314) 935-6800
- **Graduate School of Arts & Sciences**
  - Cupples II, Room 204
  - (314) 935-6880

**Olin Business School**
- Simon 116
  - (314) 935-7301
- **MBA Program**
  - (314) 935-7301

**Sam Fox School of Design & Visual Arts**
- **College of Architecture/Graduate School of Architecture & Urban Design**
  - Givens 107
  - (314) 935-6200
- **College of Art/Graduate School of Art**
  - Bixby 101
  - (314) 935-6500

**School of Engineering & Applied Science**
- Lopata 324
  - (314) 935-6100

**School of Law**
- Anheuser-Busch 402A
  - (314) 935-6400

**School of Medicine**
- 660 S. Euclid Avenue
  - (314) 362-5000

**Brown School**
- Brown 207
  - (314) 935-6600