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webpage.

Students may select a degree program and major/minor upon admission to the College of Arts and Sciences. Students will be assigned to an academic advisor in the

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- in composition and foreign language,
- + increases awareness of the imaginative, artistic, and affective capacities of humankind,
- + encourages an understanding of past traditions as well as an orientation toward present social problems

Such a Core equips students with the intellectual tools so that they can begin to understand the present and prepare for the future.

- + Complete a minimum of 120 credits (excluding pre-college level courses [numbered below 1000]).
- + Complete either the College of Arts and Sciences Bachelor of Arts or Bachelor of Science Core Curriculum Requirements
- + Complete Major Requirements: minimum 30 credits required.
- + Complete remaining credits with a second major, minor, certificate, or related elective credits approved in consultation with the mentors/advisor to assist the student in reaching the minimum of 120 credits required for graduation.
- + Achieve at least a 2.00 cumulative grade point average, a 2.00 grade point average in the major(s) and a 2.00 grade point average in the minor/certificate, or related elective credits.
- + Complete Dept/Program specific academic and performance requirements.
- + Complete at least 50% of the coursework for the

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Courses that meet both requirements of the Core Curriculum and a department's or program's requirement for the major, minor, or certificate may be regarded as fulfilling both requirements simultaneously, provided departmental and program policies are preserved. For example, English majors may not use Core literature courses to satisfy the major.

Neither cross-listed courses, nor courses meeting both a Core Curriculum and a department's or program's requirement for the major, minor, or certificate are counted twice for degree credit.

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The student must complete the following from the approved Bachelor of Science (BS) Core Curriculum:

- + At least one approved three-credit course from each of the BS Core Curriculum required areas of Foundations of Discourse, Cultural Diversity, Fine Arts, Foreign Language, Literature, World History, Social Science;
- + BS Core Curriculum required Philosophy and Theology courses;
- + Four-credit Bachelor of Science Core Curriculum Mathematics course – Calculus I (MATH 1510) or higher;
- + Eight-credit Bachelor of Science Core Curriculum Sciences courses – in a single science outside the student's major.

\*\*A single course may not fulfill more than one Core requirement (except for Cultural Diversity, which may do "double duty" by satisfying another Core, major, minor)

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[www.slu.edu/catholic-studies-program](http://www.slu.edu/catholic-studies-program)

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Christopher Collins, S.J.  
*Director*

The Catholic Studies Program in the College of Arts and Sciences offers interdisciplinary and integrated study in the Catholic Intellectual Tradition. The program is designed to explore major questions that have occupied Christian philosophers and theologians, artists and literary writers, political theorists and historians, as well as natural and social scientists for two millennia. In addition to a variety of courses in the Christian intellectual tradition, Catholic Studies offers interested students opportunities to explore the history and mission of the Society of Jesus and the traditions underlying Saint Louis University as a Catholic, Jesuit institution.

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analysis but also includes a production component and the opportunity to execute internships at local television stations, such as KETC/Channel 9 and the Higher Education Channel. Students more excited by the business and commercial aspects of film frequently complete internships at Cinema St. Louis, St. Louis, MO.





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www.slu.edu/arts-and-sciences/african-american-studies

**A**  
Stefan Bradley, Ph.D.,  
*Director*

African American Studies is an interdisciplinary, systematic study of the racial, cultural and ethnic experiences of people of African heritage. The program encourages students to understand national and worldviews of African American and African-world people in order to determine how such views have affected perceptions of self, family and community. The variety of courses across academic disciplines enable students to develop new ways of conceptualizing issues related to race and culture. African American Studies offers both a major and minor and is open to all students pursuing an undergraduate degree, race, ethnicity or national origin.

- + Bachelor of Arts in African American Studies
- + Minor in African American Studies

Jonathan Smith, PhD.

Stefan Bradley, Ph.D.  
*African American Studies & History*

Katrina Thompson, Ph.D.  
*African American Studies & History*

Chryl Laird, Ph.D.  
*African American Studies & Political Science*

Olubukola Gbadegesin, Ph.D.  
*African American Studies & Art History*

**A**  
Stephen Casmier, Ph.D.  
*Department of English*

Eddie Clark, Ph.D.  
*Department of Psychology*

Nathan Grant, Ph.D.  
*Department of English*

Richard D. Harvey, Ph.D.  
*Department of Psychology*

Colleen McCluskey, Ph.D.  
*Department of Philosophy*

George O. Ndege, Ph.D.  
*Department of History*

Joya F. Uraizee, Ph.D.  
*Department of English*

Emmanuel Uwalaka, Ph.D.

*Department of Political Science*

Joe Weixlmann, Ph.D.  
*Department of English*

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African American Studies is the exploration of racial, cultural and ethnic perspectives and experiences of people of African heritage. The program of study enables students to understand national and world views of African American and African world people in order to determine how such views have affected perceptions of self, family and community.

Students enrolled in African American Studies courses gain insight and knowledge about the cultures and histories of people of African heritage in the U.S. and throughout the African diaspora. African American Studies courses complement information attained in a variety of academic majors. Recent graduates include students who have also majored in communication, marketing, political science, psychology and social work.

Both the major and the minor give students the opportunity to develop a deeper understanding of the pluralistic society in which they live. Students will become knowledgeable about the African diaspora and be prepared to seek careers or professional programs where they can utilize knowledge in the design and implementation of programs for, and on behalf of, African Americans.

The African American Studies major and minor are both interdisciplinary. Many of the courses are listed with other academic departments, and when taken for the African American Studies requirements may also fulfill the College of Arts and Sciences core requirements. The variety of courses across academic disciplines enables students to develop new ways of conceptualizing issues related to race and culture.



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[www.slu.edu/departments-of-american-studies-home](http://www.slu.edu/departments-of-american-studies-home)

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American Studies coursework, or courses in other departments as approved by the student's faculty mentor, are required.

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Students who pursue a minor in American Studies must earn a 2.00 GPA in the courses approved for completion of the major or minor. If a student's minor GPA drops below 2.00, the student will be placed on academic program probation within the department. A student may remain on academic probation for no more than two consecutive semesters, or for three semesters total, before being dismissed from the minor

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The Accelerated Bachelor's/Master's Program (ABM) offers the opportunity for outstanding American Studies majors to begin an M.A. program in their senior year, completing the M.A. with a full time fifth year of graduate study after their successful completion of both the first year requirements and their undergraduate degree and major.

The American Studies major, like most humanities majors, requires thirty credits of coursework, and the M.A. a further thirty. By counting two graduate courses, or six credits, for both degrees, students earn the requisite thirty credits in only twelve to fourteen months after receiving their Bachelor's degree.

Students who pursue a major in American Studies must earn a 2.00 GPA in the courses approved for completion of the major or minor. If a student's minor GPA drops below 2.00, the student will be placed on academic program probation within the department. A student may remain on academic probation for no more than two consecutive semesters, or for three semesters total, before being dismissed from the minor

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American Studies students have access to excellent library and computer facilities, the extensive audio and visual equipment of the Instructional Media Center, training and certificati

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Students must maintain a cumulative GPA of 3.00 in all required graduate/professional courses.



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be a minimum of 10 weeks of full-time work.

There are many employment opportunities for this program's graduates in the biotechnology, pharmaceutical, health care and software industries, as well as in academic, private and governmental research labs. St. Louis is home to many large and small biotech firms and is a national leader in biotech startups. St. Louis has medical schools at Saint Louis University and Washington University and is home to the Donald Danforth Plant Sciences center, a world leader in plant and life sciences.

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A bachelor's degree in biology, biochemistry, computer science, mathematics, statistics or a closely related field is required. Ideally prepared students will have completed the following coursework in biology, chemistry, molecular biology, computer science and statistics:

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[www.slu.edu/arts-and-sciences/biology](http://www.slu.edu/arts-and-sciences/biology)

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biology beyond the classroom.

The department of biology has a field station that provides unique opportunities for students to explore ecology, conservation, and environmental science in an Ozark forest ecosystem. The field station offers students opportunities to take a summer class, conduct undergraduate research and participate in a semester-long program of field biology coursework.

Students are encouraged to participate in co-curricular activities

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CHEM	1110	Introduction to Chemistry 1	3
CHEM	1115	Introduction to Chemistry 1 Lab	1
CHEM	1120	Introduction to Chemistry 2	3
CHEM	1125	Introduction to Chemistry 2 Lab	1
MATH	1510	Calculus I	4

MATH 1300 Elementary

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professional honor society) are social and academic organizations that further students' interest in biology while exposing them to its relationship with other









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BIOL	4170	Intro to GIS	3
BIOL	4180	Intermediate GIS	3
BIOL	4190	GIS in Biology	3
BIOL	4200	Aquatic Ecology	4
BIOL	4210	Biology and Classification of Orchids	3
BIOL	4260	Biology of Amphibians and Reptiles	4
BIOL	4280	Biology of Fishes	4
BIOL	4310	Biology of Birds	4
BIOL	4320	Cave Biology	4
BIOL	4330	Spring Flora of the Ozarks	4
BIOL	4340	Systematic Biology	3
BIOL	4350	Biology of Parasitic Organisms	3
BIOL	4360	Animal Behavior	3
BIOL	4370	Animal Behavior Laboratory	1
BIOL	4380	Biology of Mammals	4
BIOL	4390	Systematic Biology Laboratory	1
BIOL	4480	Conservation Biology	3
BIOL	4580	Applied Population Genetics	3
BIOL	4670	Population Biology	3
BIOL	4750	General Ecology	4
BIOL	4770	Coevolution	3
BIOL	4780	Molecular Phylogenetic Analysis	4
BIOL	4910	Internship in Conservation	3
BIOL	4911	Integrative Bioinformatics Internship	3
BIOL	4912	Internship in Plant Science	3
BIOL	4970	Library Project	3
BIOL	4980	Advanced Independent Research	3
BIOL	5000	-level course	3

All Biology majors are required to participate in first and second year mentoring sessions and meet with their mentor when in residence.

Students must have a minimum of a 2.0 GPA in their major courses (BIOL) and required related credits (Chemistry, Mathematics & Statistics, Physics etc.) by the conclusion of their freshman year. Students that fall below a 2.0 GPA will be placed on probation. If a student fails to obtain at least a 2.0 GPA in their major courses (BIOL) and required related credits by the conclusion of their sophomore year they will not be allowed to continue in the program.

BIOL	1240	Principles of Biology I	3
BIOL	1245	Principles of Biology I Lab	1
BIOL	1260	Principles of Biology II	3
BIOL	1265	Principles of Biology II Lab	1
CHEM	1110	Introduction to Chemistry I	3
CHEM	1115	Introduction to Chemistry 1 Lab	1
CHEM	1120	Introduction to Chemistry 2	3

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specific TOEFL and PTE score requirements. Students may also visit the international prospects, applicants and students page for more information about international application requirements.

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Students who want to be considered for an assistantship must submit their application by Dec. 15.

Faculty committee members examine each applicant's materials and make recommendations. Consideration is given for matching applicant interests with faculty research areas.

Applicants should outline their research goals in their professional goals statement and should identify and correspond with faculty members whose area of research matches their interests early in the application process.

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Students may apply for assistantships, grants and fellowships. Fellowships provide a stipend and health insurance for the duration of the fellowship.

For more information, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

The program for the Master of Arts degree requires a minimum of 30 credits of structured coursework









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[www.slu.edu/departement-of-chemistry-home](http://www.slu.edu/departement-of-chemistry-home)

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R. Scott Martin, Ph.D.  
*Department Chair*

Charles C. Kirkpatrick, Ph.D.  
*Associate Chair*

Dana A. Baum, Ph.D.  
*Graduate Program Director*

Established in 1908, the Department of Chemistry at Saint Louis University houses active research groups involving graduate students in traditional areas such as analytical, physical, organic and inorganic chemistry, as well as cross-disciplinary areas such as materials, environmental and biological chemistry.

These research groups regularly publish in top-ranked journals and present at national and international conferences. Research in the department is supported by a variety of sources, including the Frasch Foundation, National Institutes of Health, National Science Foundation, Petroleum Research Fund and American Heart Association.

The Department of Chemistry offers undergraduate and graduate programs designed to meet a wide range of interests.

The department participates in a dual degree program in Chemical Engineering with Washington University where a student may receive a B.A. in chemistry from Saint Louis University and a B.S. in Chemical Engineering from Washington University after 3 years of study at SLU and 2 years at Washington University.

+ Bachelor of Arts in Chemistry  
+ Bachelor of Science in Chemistry

+ Master of Arts in Chemistry  
+ Master of Science in Chemistry  
+ Doctor of Philosophy in Biology

Asmira Alagic, Ph.D.  
Christopher Arnatt, Ph.D.  
Christy Bagwill, Ph.D.  
Douglas Crandell, Ph.D.  
Dana Baum, Ph.D.  
Steven Buckner, Ph.D.  
Paul A. Jelliss, Ph.D.  
Istvan Z. Kiss, Ph.D.  
Bruce Kowert, Ph.D.  
Michael Lewis, Ph.D.  
Ryan D. McCulla, Ph.D.  
Jennifer Monahan, Ph.D.  
Daria Sokic-Lazic, MS (R)  
Erin Whitteck, Ph.D.  
Brent M. Znosko, Ph.D.

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The B.A. in Chemistry provides excellent preparation for students seeking employment in industry (chemical, pharmaceutical, agriculture, etc.) or the government (Department of Defense labs, regulatory agencies, law enforcement) as well as for those wishing to continue their studies in professional school (medical, dental, veterinary, law, etc.) and graduate school.

The Department of Chemistry places a great emphasis

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- + Education
- + Chemical research and development in industry or government laboratories
- + Pharmaceutical research and drug development
- + Environmental research
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There are two principal ways to help finance a Saint Louis University education:

- + Scholarships: awarded based on academic achievement, service, leadership and financial need.
- + Financial Aid: provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

CHEM	1130	General Chemistry 1 for Majors	3
CHEM	1115	General Chemistry 1 Laboratory	1
CHEM	1140	General Chemistry 2 for Majors	3
CHEM	1125	General Chemistry 2 Laboratory	1
CHEM	2200	Analytical Chemistry 1	2
CHEM	2205	Analytical Chemistry 1 Laboratory	2
CHEM	2430	Organic Chemistry 1 for Majors	3
CHEM			

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### **Mathematical Techniques in Chemistry, senior residency**

**Benefits of this program also include internship and career opportunities. Selected undergraduate students can apply to work with faculty in undergraduate laboratories as laboratory assistants. Lab assistants receive a stipend. Internships in the St. Louis area are also available.**

**Undergraduates who study chemistry at SLU can attend professional meetings and present their research results. In recent years, SLU students have presented**

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requirements for first year and second year mentoring. A student who transfers into the department and does not have opportunity to take one or both of these requirements must take transfer student mentoring to meet the mentoring requirement.

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health-related areas such as pharmacology and toxicology as well as in professional schools of

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MATH, etc.) If a student falls below a 2.0 major GPA the student must meet with the Undergraduate Program Director to review their academic performance. If the student cannot raise the major GPA to 2.0 in two semesters, the student will be dismissed from the major.

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Graduate students in the chemistry department have access to a number of research tools, including:

- + Bruker 400 and 700 MHz NMR spectrometers
- + Bruker-EMX EPR, UV-











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[www.slu.edu/arts-and-sciences/communication](http://www.slu.edu/arts-and-sciences/communication)

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April Trees, Ph.D.  
*Department Chair*

Matt Carlson, Ph.D.,  
*Graduate Program Director*

The Department of Communication offers both a

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- + Small class sizes and close connections to faculty along with many professional development opportunities
- + Emphasizes the role communication plays in promoting social justice
- + International campus connections

Across concentrations, students develop strong oral, written and digital communication skills. Students choose from one of three different concentrations:

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Students develop the professional skills used by advertising and PR practitioners, including critical thinking and strategic expertise necessary for effective campaign creation and implementation.

Students study human interaction in interpersonal, organizational and public contexts. They develop skills for communicating effectively within and across cultures in a diverse society and for functioning effectively in both informal and formal leadership roles in a variety of settings. These skills include working in teams, solving problems, managing conflict, engaging in advocacy and developing relationships.

Students develop essential skills for working in media organizations, along with the needed skills to evaluate and adapt to changes in media during their careers. Courses expose students to a wide range of technologies, theoretical perspectives, ethical decision-making principles and storytelling skills across media platforms.

Students planning to major in Communication should ideally have taken CMM 1000, CMM 1200, CMM 2400, CMM 2500, and CMM 2800 by the end of their sophomore year. Introductory professional courses, such as CMM 3600 Public Relations Principles and Practices

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official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator

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CMM	3420	Literary Journalism	3
CMM	3440	Media Ethics	3
CMM	3840	Analysis of Popular Culture	3
CMM	4350	Stereotyping and Bias in the Mass Media	3
CMM	4410	Critical Perspectives on Journalism	3
CMM	4420	Theory of Free Expression	3
CMM	4430	Culture, Technology & Communication	3
CMM	4470	Media and Politics	3

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CMM	2510	Video Design and Production	3
CMM	2550	Photojournalism	3
CMM	3120	Media Scriptwriting	





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U.S. students who want to be considered for admission must submit their applications by July 1 for the fall semester and Nov. 1 for the spring semester.

International students who want to be considered for admission must submit their applications by May 1 for the fall semester and Oct. 1 for the spring semester.

The Department of Communication carefully reviews each applicant's material as a package to gain an overall understanding of his or her background, goals and abilities.

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- + Financial Aid: provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

CMM	5000	Graduate Study of Communication	3
CMM	5010	Reading Foundations in Communication Theory	3
CMM	5800	Research Methods in Communication	3

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CMM	5020	Interpersonal Communication	3
CMM	5050	Rhetorical Theory and Criticism	3
CMM	5070	Contemporary Theories in Communication	3
CMM	5080	Philosophy of Communication	3
CMM	5090	Health Communication	3
CMM	5200	Organizational Communication	3
CMM	5300	Culture and Public Dialogue	3
CMM			



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- + Scott Air Force Base
- + Scottrade

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University offers a Bachelor of Arts and a Bachelor of Science in computer science. The B.A. curriculum includes a broad liberal arts study and can be combined with a second major or minor in fields such as art, criminal science or psychology. The B.S. is designed for students who want a greater technical depth of study, and it can be paired with other science, mathematics and engineering programs.

The accelerated program allows SLU undergraduate computer science majors to earn both a bachelor's degree and a master's degree in five years. Students combine a B.A. or B.S. in computer science with a master's degree in bioinformatics and computational biology.

Computer science courses are taught in small sections to allow for the best dialogue between the instructor and the students. Courses are taught in computer classrooms, emphasize practice as well as theory and

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Two additional CSCI courses at the 2000-level or higher      6

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Students with a minor in Computer Science must maintain a 2.0 GPA in courses for the Computer Science minor.





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or a capstone project.

Although students in the program will take many of their upper

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pursue two concentrations, but must take one course





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students and learning firsthand about the Earth and its environment is rewarding to all who participate. The department heavily subsidizes these trips so that most students can participate.

The geology curriculum is built around areas of knowledge fundamental to understanding the Earth.

Survey courses in Earth systems are the first two courses that students take. Intermediate and upper-division courses are focused on the building blocks of Earth and the processes that build and modify the Earth's features. These courses cover the study of minerals and rocks, weathering and erosion, sediment transport and deposition, development of mountain ranges and deformation of the Earth, and the movement of tectonic plates.

During the annual geology department field trip, faculty, graduate and undergraduate students spend one week exploring a region of the United States. Students travel through national parks, see natural systems and learn firsthand about the Earth and its environment. SLU's Department of Earth and Atmospheric Sciences heavily subsidizes these trips so that most students can participate.

Students in the department may have the opportunity for part-time work assisting faculty members with their research. Such jobs expose students to various aspects of science as well as provide them with some income. Other part-time jobs may also be available elsewhere in the University. The city of St. Louis provides opportunities for science-related volunteer work in places such as the Saint Louis Science Center and the Saint Louis Zoo.

A degree in the geosciences prepares students for a variety of interesting careers. Many geoscientists work in industry or for government agencies concerned with oil and natural gas exploration and production, mining, water resources, civil engineering, waste and pollution management, environmental impact assessment, conservation and land management, policy analysis and implementation education. Students in the program also acquire a solid background in critical thinking, effective communication and computer use.

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All applications are thoroughly and carefully reviewed. Solid academic performance in college preparatory course work is a primary criterion in reviewing a freshman applicant's file. College admission test scores (ACT or SAT) are used as an additional indicator of the student's ability to meet the University's academic requirements and to qualify the student for certain University scholarship programs.

To be considered for admission to any Saint Louis University undergraduate program, the applicant must

be approaching graduation from an accredited high school or have an acceptable score on the General Education Development (GED) test.

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

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There are two principal ways to help finance a Saint Louis University education:

- + Scholarships: awarded based on academic achievement, service, leadership and financial need.
- + Financial Aid: provided in the form of grants and loans, some of which require repayment.

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For information on other scholarships and financial aid, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

CHEM	1110	Intro. To Chemistry I	3
CHEM	1115	Intro. To Chem. I Lab	1
EAS	1010	Earth Systems I	3
EAS	1020	Earth Systems I Lab	1
EAS	1030	Earth Systems II	3
EAS	1040	Earth Systems II Lab	1
EAS	2200	Mineralogy	3
EAS	2210	Mineralogy Lab	1
EAS	2400	Field Techniques in Geology	2
EAS	2420	Computer Apps in Earth Science	1
EAS	4050	Petrology	3

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EAS	4280	Environmental Geochemistry	3
EAS	4350	Groundwater Hydrology	3
EAS	4980	Advanced Independent Study	3

\* At least 6 credits must be from EAS 3xxx/4xxx courses.

PHYS	1310/1320	Physics I and Lab	4
PHYS	1610/1620	Engineering Phys. I and Lab	4
BIOL	1040	Principles of Biology I	4
BIOL	1060	Principles of Biology II	4

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Students must have a minimum of a 2.0 GPA in their major courses (EAS) and required related credits (Biology, Chemistry, Mathematics and Computer Sciences, Physics, etc.) by the conclusion of their freshman year. Students that fall below a 2.0 GPA will be placed on probation. If a student fails to obtain at least a 2.0 GPA in their major courses and required related credits by the conclusion of their sophomore year they will not be allowed to continue in the program.

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Meteorology is more than just the study of weather; it includes all the characteristics, structures and processes of the atmosphere. Basic principles of physics and chemistry are applied to discover what makes the atmosphere work. Mathematical equations and techniques are used to predict weather based on present conditions. Recently, meteorology has become increasingly vital to humankind's concerns. Ozone depletion and global warming have been identified as threats to human existence on earth. Meteorologists are on the front lines of the battle to learn more about and model these phenomena.



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Undergraduate students in the environmental science program have the option to pursue internship opportunities through the host department or in collaboration with other departments on campus. Students also have the option to participate in a capstone project designed to provide a real-world perspective as part of their undergraduate training. In addition, students may choose to participate in faculty research projects, many of which include funding specifically to support the participation of undergraduate students.

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Demand for graduates with a comprehensive knowledge of natural systems and their interactions is strong and projected to increase in the face of greater public awareness of the influence of humans on the natural environment. With judicious planning, the program serves as excellent preparation for graduate degrees in medicine, the sciences, law and other disciplines where a strong background in environmental science is desirable.

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All applications are thoroughly and carefully reviewed. Solid academic performance in college preparatory course work is a primary criterion in reviewing a freshman applicant's file. College admission test scores (ACT or SAT) are used as an additional indicator of the student's ability to meet the University's academic requirements and to qualify the student for certain University scholarship programs.

To be considered for admission to any Saint Louis University undergraduate program, the applicant must be approaching graduation from an accredited high school or have an acceptable score on the General Education Development (GED) test.

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

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There are two principal ways to help finance a Saint Louis University education:

- + Scholarships: awarded based on academic achievement, serv





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conservation and land management, policy analysis and implementation education. Students in the program also acquire a solid background in critical thinking, effective communication and computer use.

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- + Scholarships: awarded based on academic achievement, service, leadership and financial need.

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Students in the geophysics program are given a firm foundation in solid Earth science taking courses in mineralogy, petrology (the study of rocks) and structural geology. Upper level geophysics courses, with an emphasis on seismology, build on this

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increasingly vital to humankind's concerns. Ozone depletion and global warming have been identified as threats to human existence on earth. Meteorologists are on the front lines of the battle to learn more abo

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## A

- + coverage of diverse applications in various disciplines
- + training with industry-leading hardware and software systems (ArcGIS, ENVI+IDL, SARscape) and Open source platforms (e.g., QGIS, Boundless Desktop)
- + late afternoon or evening classes that accommodate working professionals
- + instructors with advanced degrees who work and conduct research in the field
- + state-of-the-art research labs equipped with modern computing, commercial and open source software tools, various remote sensing sensors, and manned and unmanned aircrafts.

The GIS certificate is an 18-credit program that



**A**

EAS	5230	Boundary Layer Meteorology	3
EAS	5240		



**A**

**A**

EAS

**A**

complete a Free Application for Federal Student Aid (FAFSA) by March 1.



## A

Students must maintain a cumulative GPA of 3.00 in all required graduate/professional courses.

Students who graduate from the meteorology programs are trained to be meteorologists. They study the dynamics of air motion, physical processes such as transfer of radiation, and convection resulting in severe storms, flash floods and hurricanes. Research is underway at SLU on heavy precipitation, regional climate and air quality using numerical weather prediction models. Faculty collaboration with research meteorologists at national centers, as well as operational meteorologists at the St. Louis National Weather Service forecast offices.

SLU is a founding member of the University Corporation for Atmospheric Research, which manages the National Center for Atmospheric Research (NCAR), in Boulder, Colorado, under the sponsorship of the National Science Foundation and NASA's DEVELOP program.

The Doctor of Philosophy in Meteorology requires a total of 30 credits beyond the master's degree (30 credits), including 12 credits of dissertation research, are required to complete the Ph.D. program in meteorology.

The doctorate may be pursued directly from the baccalaureate with the permission of the Program Director.

The Department is a charter member of the University Corporation for Atmospheric Research (UCAR) which manages the National Center for Atmospheric Research, Boulder, Colorado, under the sponsorship of the National Science Foundation. External funding for research comes from the National Oceanic and Atmospheric Administration (NOAA), the National Weather Service, and the National Aeronautics and Space Administration (NASA). The department has a dedicated synoptic computer lab and receives real-time data from both satellite downlink and the Internet.

Software for displaying and analyzing weather data comes from Unidata Program Center, the National Weather Service, and locally written code.

SLU meteorology graduates work for federal and state government agencies, such as the National Weather Service, Federal Aviation Administration, NASA and the Environmental Protection Agency. Others are employed in the private sector, conducting atmospheric and agricultural research, weather forecasting and air quality assessments.

## A

Successful applicants possess sufficient test scores, a sufficient GPA and sufficient TOEFL scores (for international students).

An undergraduate degree in meteorology or a related field.

## A

- + Application form and fee
- Three letters of recommendation
- + Transcript(s)
- + Professional goal statement
- + GRE scores
- + Résumé
  
- + A completed Declaration of Financial Support packet with all accompanying documents
- + TOEFL or PTE Academic sot

**A**

EAS	5110	Computing in Atmospheric Science	2-3
EAS	5200	Numerical Methods of Prediction	3
EAS	5230	Boundary Layer Meteorology	3
EAS	5240	Tropical Meteorology	3
EAS	5270	Meteorology of Severe Storms	3
EAS	5290	Mesometeorology	3
EAS	5340	Cloud Physics	3
EAS	5380	Statistical Methods in Meteorology	3
EAS	5360	Principles of Radiation Transfer I	3
EAS	5470	Turbulence and convection	3
EAS	5600	Atmospheric Chemistry	3
EAS	5610	Satellite Meteorology	3
EAS	5650	Radar Meteorology	3
EAS	5700	Convection in the Atmosphere	3
EAS	5981	Independent Study	1-3
EAS	5890	Research Seminar	3
EAS	5930	Special Topics in Meteorology	1-3
EAS	5970	Research Topics	1-3
EAS	5980	Graduate Reading Course	1-3
EAS	6480	General Circulation of the Atmosphere	3
EAS	6880	Independent Study	1-3
EAS	6930	Special Topics in Meteorology	1-3
EAS	6980	Graduate Reading Course	1-3
GIS	5010	Introduction to GIS	3
EAS	6990	Dissertation Research	12

**A**

Written and oral preliminary exam.

Students must maintain a cumulative GPA of 3.00 in all required graduate/professional courses.

**A**

[www.slu.edu/business/departments/economics.php](http://www.slu.edu/business/departments/economics.php)

**A**

**A**

of the student's ability to meet the academic rigors of Saint Louis University.

**A**

There are two principal ways to help finance a Saint Louis University education:

- + Scholarships: awarded based on academic achievement, service, leadership and financial need.



## **A**

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). Transfer students must have a cumulative 2.7 GPA to be admitted to the accounting program. In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

## **A**

There are two principal ways to help finance a Saint Louis University education:

- + Scholarships: awarded based on academic achievement, service, leadership and financial need.
- + Financial Aid: provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and



**A**



**A**

May serve for both CAS Core Requirements and Major Requirements.

ENGL 2250	Conflict, Social Justice and Literature	3
ENGL 2350	Faith, Doubt and Literature	3
ENGL 2450	Nature, Ecology and Literature	3
ENGL 2550	Gender, Identity and Literature	3
ENGL 2650	Technology, Media and Literature	3
ENGL 2750	Film, Culture and Literature	3
ENGL 2850	Nation, Identity and Literature	3

3 credits may serve for both CAS Core Requirements and Major Requirements.

Form and Genre Course	3
<i>History and Context</i> Course	3
<i>Culture and Critique</i> Course	3
<i>Rhetoric and Argument</i> Course	3
Additional course taken from any of the above categories	3

Form and Genre - courses with the Form and Genre attribute, such as:

ENGL 3030	The Writer as Reader	3
ENGL 3040	Writing Literary Narratives	3
ENGL 3050	Creative Writing: Poetry	3
ENGL 3060	Creative Writing: Fiction	3
ENGL 3070	Creative Writing: Drama	3
ENGL 3080	Creative Writing: Non-Fiction	3
ENGL 3090	Creative Writing: Poetry and Translation	3
ENGL 3100	Creative Writing: Special Topics	3
ENGL 3110	American Short Story	3
ENGL 3130	American Fiction	3
ENGL 3140	Poetry	3
ENGL 3180	Film	3
ENGL 3190	Literature of Ridicule and Satire	3
ENGL 3200	Detective Fiction	3
ENGL 3210	Fantasy and Literature	3
ENGL 3220	Film and Literature	3
ENGL 3230		



**A**

May serve for both CAS Core Requirements and Major Requirements.

ENGL	2250	Conflict, Social Justice and Literature	3
ENGL	2350	Faith, Doubt and Literature	3
ENGL	2450	Nature, Ecology and Literature	3
ENGL	2550	Gender, Identity and Literature	3
ENGL	2650	Technology, Media and Literature	

**A**



**A**

completes the CPW minor will have strengthened his or her ability to compete in the many professional settings that demand extensive writing.

4000-

**A**

## A

should be no more than 750 words and should lay out professional and intellectual goals as well as the interest in graduate studies in English. While plans may change, this statement will help the department assess the grasp of the field and the ability to describe ideas coherently and compellingly. The statement should address:

- + The specific field of English studies that students are interested in.
  - + How students would like to contribute to existing research and criticism in the area of interest.
  - + The critical and scholarly approaches to literature students have found most productive.
  - + The faculty members students would prefer to work with.
- + Sufficient TOEFL score (for international students).

## A

- + Application form and fee
  - + Transcript(s)
  - + Three letters of recommendation assessing potential in graduate studies
  - + GRE
  - + Résumé
  - + Writing sample (10 pages demonstrating competence in analyzing literary texts; this can be an excerpt taken from a longer piece)
  - + Professional goal statement
- + A completed Declaration of Financial Support packet with all accompanying documents
- + TOEFL or PTE Academic score
- + Check the English Proficiency Policy page for specific TOEFL and PTE score requirements. Students may also visit the international prospects, applicants and students page for more information about international application requirements.

## A

Completed applications are due by Jan. 15. Applications that are completed by Dec. 15 will receive a response by Jan. 15. Students cannot begin the program in the spring semester or a summer session. 1818 instructors seeking a graduate degree should consult with the director of graduate studies in English.

Please do not forward any application materials directly to the Department of English. All application materials must be submitted through the Office of Graduate Admission.

For application forms and more information, contact the Office of Graduate Admission.

Members of the department's graduate committee examine applicants' materials and make admission and funding recommendations.

## A

Students may apply for assistantships, grants and fellowships. Fellowships provide a stipend and health insurance for the duration of the fellowship.

For more information, visit the student financial

services office online at [finaid.slu.edu](http://finaid.slu.edu).

ENGL 5000	Methods of Literary Research	3
ENGL 5110	Literary Theory	3

Required of those who teach writing classes offered by the Department.

ENGL 5010	The Teaching of Writing	3
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One course in four of the following five fields		
Anglo-Saxon and/or Medieval Literature		3
Renaissance/Early Modern Literature (ca. 1500-1800)		3
Literature of the Long 19th Century (ca. 1789-1914): British, American, African American, or Transatlantic		

## A

years.

The non-thesis option requires 30 credits of coursework beyond the B.A.

The thesis option, which is recommended for those interested in eventually pursuing a Ph.D., permits students to substitute a thesis for six of the 30 required credits of coursework. Under this option, students select a topic in consultation with a director and have their completed work reviewed by a committee consisting of the director and two other faculty readers.

All students take courses in the methods of literary



A

A

A

[www.slu.edu/arts-and-sciences/fine-and-performing-arts](http://www.slu.edu/arts-and-sciences/fine-and-performing-arts)

A

## A

beginnings of modernity and the most current movements in contemporary art.

Art history is an interdisciplinary field which incorporate essential skills from a variety of humanities disciplines such as history, philosophy, theology and economics, and students analyze artworks and the societies that have affected the disciplines.

Additional highlights include:

- + In the Jesuit tradition, Art History faculty at SLU educate the whole person about humanistic values as expressed through the history of art.
- + At SLU, art history courses offer intimate class sizes with individualized attention from faculty.
- + SLU art history students engage with arts and cultural institutions locally and nationally through class visits, field trips, internships and employment.





## A

for guitarists, pianists and string quartets.

Additional performance opportunities for advanced student musicians include the Saint Louis Youth Orchestra, Symphony Chorus, Union Avenue Opera, Winter Opera Saint Louis and the American Kantorei.

Additional highlights include:

- + SLU is on its way to reaching the goal of becoming an All-Steinway School.
- + SLU has several performing groups for students to join including the University Chorale, Mastersingers, string orchestra, concert band, pep band, jazz ensemble, guitar ensemble, piano ensemble and string quartets.
- + Double majoring in music is possible with most other majors at SLU.

## A

identifying opus numbers/keys, composers, significant technical studies, recent performances, and teachers' names. This repertoire list may form part of a more complete student resume.

### Pianists

Prepare three memorized works from contrasting style periods (i.e., Baroque, Classical, Romantic, Impressionist, 20th Century). The pieces played should be at least late intermediate level in difficulty, such as Bach Two-Part Inventions, Clementi sonatinas, and the Debussy Arabesques. Students interested in the degree's performance option (which requires preparation of junior and senior recitals) should be playing works at the early advanced level, such as Bach's French/English Suites, Mozart sonatas, and Brahms rhapsodies.

### Singers

Prepare three memorized songs in at least two languages from contrasting stylistic periods. An accompanist will be provided.

### Instrumentalists

Perform three works of contrasting style periods. An accompanist will be provided, if necessary

## A

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- + Financial Aid: provided in the form of grants and

**A**

probation for more than three semesters total and remain a major.

**A**

**A**

**A**

The studio art program provides students with a learning experience that fosters artmaking in the context of the liberal arts. Involvement in the studio enhances natural development as an artist as students explore their individual abilities and learn about the world. Connections across disciplines and cultural differences help students to gain a conceptual and intellectual framework for their art. Students leave with a portfolio of work and an appreciation of the development of their own values and creative skills as well as an understanding of processes, expressions and values of others.

Saint Louis University houses two nationally recognized

## **A**

are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

Admission as a studio art major requires a successful portfolio review. Applicants register and submit their portfolio on SlideRoom. Portfolios should have 12 to 15 examples of artwork representing a range of interests and skills, including observation-based drawing. SlideRoom charges applicants a \$10 transaction fee to submit a portfolio.

## **A**

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- + **Financial Aid:** provided in the form of grants and loans, some of which require repayment.

**A**

ARTH 3740	American Art Between the Wars	3
ARTH 3805	Twentieth Century Art	3
ARTH 3880	History of Photography	3
ARTH 4800	Contemporary Art	3
ARTH 4850	Religious Dimensions in Modern Art	3
ARTH 4910	Internship	3

**A**

All Studio Art majors must submit a portfolio of artwork for faculty review during the semester that 13 credits of



**A**

SLU prior to graduation, 3 semesters of THR 3550 must be successfully completed. This requirement will be articulated at the time of matriculation into the program.

In general, practicum or internship theatre credits may not be used to fulfill the Fine Arts Core Requirement within the College of Arts and Sciences.

All Studio Art majors must submit a portfolio of artwork for faculty review during the semester that 13 credits of Studio Art courses will be completed. These 13 credits

**A**







## A

additional 12 credits of coursework.

Graduate students benefit from the rich archival and institutional resources available in St. Louis itself, including relationships with sites such as the Missouri Historical Society, the Jefferson National Expansion Memorial, the Circuit Court Records Project, the Pulitzer Foundation for the Arts, the Sheldon Galleries, the Contemporary Art Museum, the Saint Louis Art Museum, the Missouri Botanical Garden and the Historic Landmarks Association.

Students from the fields of law, medicine, nursing, public health, philosophy and religious studies have joined the Ph.D. program in health care ethics. Graduates have been highly successful in finding excellent full-time positions both in the academy (teaching and conducting research in health care

**A**

HCE	6130	Clinical Ethics	3
HCE	6140	Research Ethics	3
HCE	6150	Practicum	3
HCE	6150	Practicum*	3
HCE	6980	Directed Readings*	



## **A**

After the end of Year 2 and completion of the major paper and comprehensive exams required for the M.A. degree, students are awarded the M.A. in Theology from AIT. The timing for completion of the major paper and the comprehensive exams is to be determined in consultation with the M.A. advisor at AIT.

A student must maintain a GPA in coursework for the minor in Health Care Ethics of at least 2.0.



## A

collections and photographs.

History majors are educated in basic intellectual and communication skills that are valued in business, journalism, public service and law, among other fields. In recent years, undergraduates have augmented studies in history with education, political science, foreign language or business administration — combinations that have proven attractive in medicine, business and government service.

Saint Louis University history students learn to interpret a variety of sources, develop the skills to find relevant information and evidence, and articulate an argument. They practice clear and forceful writing.

The department of history offers a variety of internships with museums and other historical organizations, most of which are eligible for course credit.

Internship opportunities in the St. Louis area include:

- + Abraham Lincoln Presidential Library and Museum
- + Campbell House Museum
- + Discovery Expedition of St. Charles



**A**

HIST	3100	The Reformation Era	3
HIST	3110	The Age of Absolutism	3
HIST	3120	French Revolution & Napoleon	3
HIST	3130	The Age of Industrialism and Democracy	3
HIST	3140	20th C Europe: Era of World Wars	3
HIST	3150	Europe since 1945	3
HIST	3160	Eastern Europe	3
HIST	3250	World in Conflict since 1945	3
HIST	3260	Modern France since 1815	3
HIST	3280	Russia to 1905	3
HIST	3290	Russia since 1905	3
HIST	3300		



## **A**

- + Medieval European
- + Modern European
- + World History

SLU's history program offers students internationally renowned faculty, an outstanding mentoring program and high-quality professional training.

The wide-ranging skills that a student learns in the course of doing a master's in history can be used not only in teaching and archival work but in government, foreign affairs, business, the law, the arts and a host of other professions.

## **A**

Standardized test scores are considered as well as GPA and English proficiency (if applicable). Each item in the application package is required for an applicant to be reviewed.

The ordinary prerequisite is a B.A. in history (or at least

**A**

HIST	5400	Studies in Early Modern European History	3
HIST	5410	Advanced Studies in Early Modern European History	3
HIST	5450	Perspectives in Early Modern European History	3
HIST	6820	Seminar in Early Modern European History	3

**A**

HIST	5200	Studies in Late Antiquity and Byzantine History	3
HIST	5210	Advanced Studies Late Antiquity and Byzantine	3
HIST	5250	Perspectives in Late Antiquity and Byzantine History	3
HIST	6800	Seminar in Late Ancient and Byzantine History	3

HIST	5300	Studies in Medieval History	3
HIST	5310	Advanced Studies in Medieval History	3
HIST	5350	Perspectives in Medieval History	3
HIST	6810	Seminar in Medieval History	3

HIST	5500	Studies in Modern European History	3
HIST	5510	Advanced Studies in Modern European History	3
HIST	5550	Perspectives in Modern European History	3
HIST	6830	Seminar in Modern European History	3

**A**

interested in working with. While plans may well change as a result of further study, the statement will help the department assess the grasp of the field, and ability to describe ideas coherently and compellingly.

- + A fifteen to twenty page writing sample which demonstrates competence in historical writing and analysis, and which may be an excerpt from a longer piece.
- + Completed applications with all materials for admission and financial aid must be received by January 15. Students are not admitted in the spring or summer semester.
  
- + A completed Declaration of Financial Support packet with all accompanying documents
- + TOEFL or PTE Academic score
- + Check the English Proficiency Policy page for specific TOEFL and PTE score requirements. Students may also visit the international prospects, applicants and students page for more information about international application requirements.

**A                      A**

Submit an application for the following fall semester by January 15.

A standing graduate applicant review committee meets just after the expiration of the application deadline. The committee reviews each item of every complete application. The committee makes its applicant selections by the beginning of March.

**A**

Students may apply for assistantships, grants and

**A**

Early Modern European



**A**

the College of Arts and Sciences as well as from the Center for Sustainability.

**A**

The integrated and applied sciences administrative committee will ensure that the applicant possesses a minimum of a baccalaureate degree from an accredited, recognized college or university in a discipline relevant to the research of the integrated and applied sciences faculty mentor.

BIOL	5060	Advanced Topics in Molecular Biology	4
BIOL	5070	Advanced Biological Chemistry	3
BIOL	5100	Cellular and Molecular Genetics	3
BIOL		BIOL	

**A**

- + Application form and fee
- + Transcript(s)
- + Three letters of recommendation
- + Curriculum vitae
- + Professional goals statement
  
- + A completed Declaration of Financial Support packet with all accompanying documents
- + TOEFL or PTE Academic score
- + Check the English Proficiency Policy page for specific TOEFL and PTE score requirements. Students may also visit the international prospects, applicants and students page for more information about international application requirements.

**A**

**A**

Students who want to be considered for an assistantship must submit complete applications by Feb. 1.

The integrated and applied sciences administrative committee will ensure that the applicant's previous academic record indicates the ability needed to pursue advanced studies. The committee will then make an admissions recommendation to the graduate admissions department, which is responsible for making the final decision and communicating that decision to both the integrated and applied sciences program director and the applicant.

**A**

Students may apply for assistantships, grants and fellowships. Fellowships provide a stipend and health insurance for the duration of the fellowship.

For more information, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

IAS	6010	Interdisciplinary Seminar	4
IAS	6030	Current Topics in Interdisciplinary Research	8

Concentration Core Department (9-12 credits)

Concentration Interdisciplinary credits (6-9 credits)

HIST	6990	Dissertation Research	12
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**A**



**A**

Courses from Earth & Atmospheric Sciences, Engineering, Physics, Mathematics, Chemistry, Biomedical Engineering, or Biomedical Sciences, Center for Sustainability, or G.I.S. Courses. Students should register for zero credits in Seminar CHEM 5920 each semester of their first two years before

**A**

**A A**

[www.slu.edu/international-studies-program](http://www.slu.edu/international-studies-program)

**A**

David Borgmeyer, Ph.D.  
*Director*

The SLU Center for International Studies is an academic unit whose mission is to facilitate internationally-oriented education within the College of Arts and Sciences and across the University in

## A

An undergraduate degree in international studies prepares students for a global career and can make students more attractive to future employers. Some examples of fields where a degree in international studies can be beneficial include:

- + Public service with NGOs or governmental agencies
- + Global health
- + Education
- + Immigration law
- + Research
- + Environmental
- + Social reform

## A

All applications are thoroughly and carefully reviewed. Solid academic performance in college preparatory course work is a primary criterion in reviewing a freshman applicant's file. College admission test scores (ACT or SAT) are used as an additional indicator of the student's ability to meet the University's academic requirements and to qualify the student for certain University scholarship programs.

To be considered for admission to any Saint Louis University undergraduate program, the applicant must be approaching graduation from an accredited high school or have an acceptable score on the General Education Development (GED) test.

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

## A

There are two principal ways to help finance a Saint Louis University education:

- + **Scholarships:** awarded based on academic achievement, service, leadership and financial need.
- + **Financial Aid:** provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

ISTD	1100	Introduction to International Studies	1
ISTD	4910	Internship in International Studies	3

## A





**A**

POLS	2930	Introduction to the Politics of the Middle East and North Africa	3
POLS	4930	International Contemporary Challenges	3

**Courses with MES PT attribute, such as**

THEO	2490	Studies in Theology and History: Muslims, Christians and Jews in Medieval Spain	3
THEO	2730	Islam: Religion and Culture	3



**A**

**A**

the major prepares students for graduate work in





## **A**

Benefits of the German studies program also include internship and career opportunities. Department faculty assist students in finding internships both in the St. Louis area and abroad.

Students who graduate with a degree in German studies from Saint Louis University are prepared to work in a number of rewarding fields, including:

- + Foreign Service
- + International business
- + International law
- + Scientific research
- +

## A

designed for students wanting to improve their word power and language skills, interested in the sources of Western culture, seeking firm foundations and interdisciplinary depth in their liberal arts education and who intend to pursue studies that are facilitated by knowledge of classical languages and culture. This includes fields such as law, medicine, theology, philosophy, medieval and Renaissance studies, political science, communication, mythology, anthropology, psychology, art history, cultural criticism, history of education, literary studies and comparative literature.

The study of Greek or Latin languages and literature provides a unique coherence, depth and breadth to the undergraduate scholar, offering variety, flexibility and scope. Classical studies allow for exposure to a vast range of significant personalities, influential writing and wisdom literature that is relevant to all times. It is the "royal road" (the *via regia*) to important moments, ideas and movements in the cultural history of the Western world.

Additional program highlights include:

- + All learning is vigorous and takes place in intimate classroom settings and focuses on intercultural competencies that make students highly competitive on the job market.

**A**

complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

GK 2010	Intermediate Greek Lang & Lit	3
LATN 2010	Interm Latin: Language & Lit	3

## A

course work is a primary criterion in reviewing a freshman applicant's file. College admission test scores (ACT or SAT) are used as an additional indicator of the student's ability to meet the University's academic requirements and to qualify the student for certain University scholarship programs.

To be considered for admission to any Saint Louis University undergraduate program, the applicant must be approaching graduation from an accredited high school or have an acceptable score on the General Education Development (GED) test.

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

## A

There are two principal ways to help finance a Saint Louis University education:

- + Scholarships: awarded based on academic achievement, service, leadership and financial need.
- + Financial Aid: provided in the form of grants and loans, some of which require repayment.

For priority consideration for merit-based scholarships, applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

ITAL	2010	Intermediate Italian: Lang & Culture	3
ITAL	3010	Written Comm. in Italian I	3
ITAL	3020	Oral Comm. in Italian I	3
ITAL	4010	Written Comm. in Italian II	3

**A**

inter/multi-disciplinary program in the Greater St.  
Louis area.

+

## A

and sanctions by the international community. Yet it remains a leading player on the world stage. Russia covers about one-eighth of the world's surface with lands that are rich in oil and minerals, borders 14 different nations (many of whom were once part of its Empire) and has a strong military force with nuclear capabilities. Students who visit Russia, however, find that its residents are concerned with the same economic, environmental and security issues that face the rest of the globe.

Additional program highlights include:

- + Students and faculty go on trips to local stores, churches and restaurants to share their common interest in Russian cultural immersion.
- + Russian studies students at SLU also participate in intensive summer Russian programs in the United States and study abroad opportunities that include a SLU-sponsored program at Smolny College through Bard College, allowing them to further improve their fluency.

**A**

applicants should apply for admission by Dec. 1 and complete a Free Application for Federal Student Aid (FAFSA) by March 1.

For information on other scholarships and financial aid, visit the student financial services office online at [finaid.slu.edu](http://finaid.slu.edu).

RUSS 3010	Oral & Written Proficiency I	3
RUSS 3020	Oral & Written Prof in Russ II	3
RUSS 3050	Russian Conversation	3

RUSS 4010	Fluency in Russian	3
RUSS 4150	Topics in Russian Grammar	3
RUSS 4200	Topics in Russian Literature	3
RUSS 4400	Pragmatics of Conversation	3

RUSS 3250	Russia From Peter to Putin: Imperial, Soviet, and Post-Soviet Culture	
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## A

Many courses are taught in English as well. This experience abroad has proven to be an invaluable asset in competing for career opportunities.

A Spanish major is a valuable asset for a variety of careers, especially when students combine their Spanish studies with a second major. The rapidly evolving political climate and the international marketplace make knowledge of languages and cultures especially desirable. Saint Louis University students have the opportunity to complete an internship that utilizes their knowledge of the Spanish language at one of the many businesses, companies or community outreach facilities

The major in Spanish, complemented by a second major

**A**

Students who begin their study of Chinese at SLU above the 1010 level must complete an additional course or courses in Chinese to fulfill the 18 credits required for the minor.

CHIN 1010	Communicating In Chinese I	3
CHIN 1020		

**A**

**A**

Students with a minor in Greek must maintain a 2.0 GPA  
in courses required for the major.

**A**

**A**

4XXX level):

RUSS	3250	Russia From Peter to Putin: Imperial, Soviet, and Post-Soviet Culture	3
RUSS	3320	Dostoevsky Through the Centuries	
RUSS	3330	Lev Tolstoy: Writer, Soldier, Lover, Activist	3
RUSS	3350	Chekhov as Dramatist: Performance, Adaptations, and Intermedial Transpositions	3
RUSS	3440	Art, Media, & Power in Post-Soviet Russia	3
RUSS	3930	Special Topics	1-3
RUSS	4400	Pragmatics & Conversation	3
RUSS	4510	The Russian Orthodox	3
HIST	3290	Russian History Since 1905	3
PHIL	4740	Philosophy of Karl Marx	3

**A**

All Russian Studies minor courses must be completed with a grade of C or higher in order to count for the minor and for the student to continue in the minor.

**A**

SPAN	3010	Written Comm.	3
SPAN	3020	Oral Comm.	3
SPAN	3030	Advanced Written Comm.	3
SPAN	3040	Advanced Oral Comm.	3



**A**

The program is offered on two campuses: Madrid and St. Louis. Students may fulfill all or part of the program requirements on either campus. Students wishing to complete the program exclusively in Madrid have two options: they may complete it in three summers extendable to five, or they may complete it through a combination of summers and the regular spring and fall semesters.

Saint Louis University's Madrid campus, the first fully accredited U.S. University recognized by Spanish higher education authorities, has been educating students for more than 40 years. It is guided by the same Jesuit ideals and traditions as the St. Louis campus.

Graduates with an M.A. in Spanish are prepared for careers as teachers, foreign service officers, translators or travel consultants.

**A**

An undergraduate major in Spanish or the equivalent.

Applicants will be reviewed based on their GPA, TOEFL scores (for international applicants) and standardized test scores.

**A**

- + Application form and fee
  - + Transcript(s)
  - + Three letters of recommendation
  - + GRE score or Miller's Analogy test score
  - + Résumé
  - + Interview (desired)
  - + Professional goal statement
  - + Writing sample in Spanish
  
  - + A completed Declaration of Financial Support packet with all accompanying documents
  - + TOEFL or PTE Academic score
  - + Check the English Proficiency Policy page for specific TOEFL and PTE score requirements.
- Students may also visit the international prospects, applicants and students page for more information about international application requirements.

**A**

For priority consideration of assistantships, students must submit their application for the fall semester by Feb. 21, and for the spring semester by Oct. 31. International students should apply for the fall semester by May 1, and for the spring semester by Oct. 1.

The examining committee takes into account each item of the application.

**A**

Students may apply for assistantships, grants and fellowships. Fellowships provide a stipend and health insurance for the duration of the fellowship.

For more information, visit the student financial

services office online at [finaid.slu.edu](http://finaid.slu.edu).

Of the ten courses required for the degree, two must be in the area of Latin American Studies, two in Peninsular Spanish Studies, and two in Teaching or Linguistics

**A**

SPAN	5020	Spanish in the World	3
SPAN	5030	Spanish Linguistics	3
SPAN	5040	Methods and Technology for the Teaching of Spanish	3
SPAN	5050	Spanish Phonology and Its Place in the Classroom	3
SPAN	5070	Spanish Stylistics	3
SPAN	5080	Learning Texts: Tradition, Authenticity and Virtuality	3
SPAN			



**A**

pursue one of three tracks or a concentration in statistics:

For students intending to go on to graduate work in one of the mathematical sciences.

**A**

For students who intend to pursue a career in a field where mathematics is used in work — such as engineering.

For students who are planning a career in secondary education. This track features courses that meet the requirements for state certification in mathematics.

For students planning a career in analyzing data.



**A**

MATH 4210 Introduction to Analysis	3
Choose one from the following:	
MATH 4220 Metric Spaces	3
MATH 4230 Multivariable Analysis	3

## A

a selection of nine upper-division mathematics courses, chosen to include pure mathematics courses in real analysis and algebra, a statistics course at the upper division level, two completed upper division sequences including one in pure mathematics, and electives to complete the required nine upper division courses. Students must also take at least one course in computer programming and one course in another discipline that has a strong mathematical or computational component. The requirements for the B.S. in mathematics follow the recommendations of the Mathematics Association of America for degree programs in mathematics that prepare students for graduate work.

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**A**

Students may not earn more than one minor among the minors in mathematics, engineering mathematics, or actuarial mathematics.

MATH 1510	Calculus I	4
MATH 1520	Calculus II	4
MATH 2530	Calculus III‡	4

‡ Calculus III Must be taken at Saint Louis University with minimum grade of "C-"

**A**

**Algebra Sequence**

MATH 5110 Algebra 3  
MATH 5120 Algebra II 3

**Analysis Sequence**

MATH 5210 Real Analysis I 3  
Choose one from the following:  
MATH 5220 Complex Analysis 3  
MATH 5230 Functional Analysis 3  
MATH 5240 Harmonic Analysis 3

**Topology Sequence**

MATH 5310 Topology I 3  
MATH 5320 Topology II 3

MATH 5102 Linear Algebra 3  
MATH 5202 Metric Spaces 3  
MATH 5105 Number Theory 3  
MATH

**A**

Algebra Sequence

MATH 5110 Algebra

3

MATH 5120 Algebra II

3

Analysis Sequence

MATH 5210



**A**

need.

+ Financial Aid: provided in the form of grants and



**A**

**Students must have a GPA of 2.0 in Medieval Studies minor coursework to be retained in the minor.**

## A

[www.slu.edu/programs/undergraduate/neuroscience](http://www.slu.edu/programs/undergraduate/neuroscience)

### A

Tony W. Buchanan, Ph.D.  
*Co-Director*

Judith M. Oglivie, Ph.D.  
*Co-Director*

Neuroscience combines biology, chemistry, physics and psychology to gain a better understanding of brain structure, function and behavior.

+ Bachelor of Science in Neuroscience

William S. Stark, Ph.D.  
Fenglian Xu, Ph.D.

A. Michael Anch, Ph.D.  
Brenda A. Kirchhoff, Ph.D.  
Jill Waring, Ph.D.

### A

Neuroscience is an interdisciplinary field of study that employs the tools and perspectives of biology, psychology, chemistry, physics, mathematics, philosophy and medicine to achieve a better understanding of brain structure, function and behavior.

A degree in neuroscience places students in an excellent position to address the basic science of brain function, along with a myriad of possibilities for applications within medicine, science and industry. The neuroscience major offers courses that further the understanding of psychiatric, neurological and developmental disorders, with a goal toward the development of innovative treatment options through basic and applied research.

Neuroscience is an appropriate major for students planning to continue their postgraduate education in neuroscience or related professional fields.

Additional program highlights include:

- + SLU is one of the few universities to offer a degree in neuroscience.
- + Neuroscience is a growing field, with new initiatives aimed at the development of innovative technologies to foster a better understanding of brain function.
- + The neuroscience program offers a rigorous and interdisciplinary curriculum with emphasis on preprofessional training.

Courses in the major include lectures, seminars and laboratory experiences. The curriculum includes four core neuroscience courses: Introduction to Neuroscience: Molecular, Cellular and Systemic, Introduction to Neuroscience Behavioral and Cognitive, a neuroscience lab course and a senior seminar.

Additionally, students are required to take related courses from the biology department and from the psychology department as well as courses in chemistry, physics, mathematics and philosophy. Students must also complete the College of Arts and Sciences core requirements.

Students are also required to complete a capstone learning experience, consisting of either research, practica or advanced coursework, all of which are designed to give students exposure to the breadth of the field of neuroscience and the potential for understanding its applications in the real world.

The program also features opportunities for internships through existing collaborations with the biology and psychology departments, and there is a strong outlook for employment — both regionally and nationally — for students who graduate with a degree in neuroscience.

Graduates have a strong outlook for future employment and will







**A**

pursuing professional degrees in law, business or medicine.

Not only do philosophy majors excel on entrance exams for professional programs, but the analytical and communication skills they develop in their philosophical studies are essential for their future success in these programs. The study of philosophy is an excellent preparation for any career that puts a premium on clarity, concision and analytic reasoning.

**A**

All applications are thoroughly and carefully reviewed. Solid academic performance in college preparatory course work is a primary criterion in reviewing a freshman applicant's file. College admission test scores (ACT or SAT) are used as an additional indicator of the student's ability to meet the University's academic requirements and to qualify the student for certain University scholarship programs.

To be considered for admission to any Saint Louis University undergraduate program, the applicant must be approaching graduation from an accredited high school or have an acceptable score on the General Education Development (GED) test.

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s). In reviewing a transfer applicant's file, the office of admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

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PHIL	3360	Medical Ethics	3
PHIL	3380	Business Ethics	3
PHIL	3400	Ethics & Engineering	3
PHIL	3410	Computer Ethics	3
PHIL	3420	Environmental and Ecological Ethics	



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The Accelerated Bachelor's/Master's Program (ABM) offers the opportunity for outstanding Philosophy majors to begin an M.A. program in their senior year, completing the M.A. with a full time fifth year of graduate study after their successful completion of both the first year requirements and their undergraduate degree and major.

The Philosophy major, like most humanities majors, requires thirty credits of coursework, and the M.A. a further thirty. By counting two graduate courses, or six credits, for both degrees, students earn the requisite thirty credits in only twelve to fourteen months after receiving their Bachelor's degree.

Students must have a GPA of 2.0 in Philosophy major coursework to be retained in the major.

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The M.A. in philosophy is designed for students who want to broaden their philosophical knowledge through graduate studies without necessarily intending to pursue a Ph.D.

Courses in the philosophy graduate program examine historical as well as contemporary issues such as problems in metaphysics, epistemology, social and political ethics, and philosophy of religion, among others.

Special resources available to the program include the international philosophical journal, Res Philosophica;

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+ Reading proficiency in French, German or other foreign language

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**themes:**

PHIL	6200	Philosophy of Science	3
PHIL	6220	Advanced Logic	3
PHIL	6260	Problems in the Philosophy of Religion	3
PHIL	6300	Advanced Ethics	3
PHIL	6320	Advanced Metaphysics	3

**A**

[www.slu.edu/arts-and-sciences/physics/index.php](http://www.slu.edu/arts-and-sciences/physics/index.php)

**A**

William D. Thacker, Ph.D.  
*Department Chair*

The Department of Physics offers two undergraduate degrees in Physics: the Bachelor of Science (B. S.) degree for students enrolled in Parks College and the Bachelor of Arts (B. A.) degree for students in the College of Arts and Sciences. The department also offers a Bachelor of Science (B. S.) degree in Engineering Physics for students enrolled in Parks College. In addition, the department offers Minors in Physics, useful primarily to students majoring in mathematics, computer science, engineering fields, and other sciences. Major-minor links between physics and other disciplines provide opportunities for students to acquire valuable analytical and problem-solving skills and to distinguish themselves from others pursuing similar career paths.



**A**









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POLS 4300 Law, Politics, and Regulatory Policy 3  
POLS 4120

**A**

POLS 2530	Soviet and Post-Soviet Politics	3
POLS 2540	Ethnicity and Internal War	

**A**

Students in the Political Science minor must maintain a 2.0 GPA in Political Science coursework.

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The B.A./M.A. in Political Science offers students the opportunity to complete the B.A. and M.A. degrees in an accelerated 5-year 144-

**A**

about international application requirements.

**A**                    **A**  
Students want to be to be considered for an assistantship must submit their application by Jan. 30.

Applications are reviewed by a committee of political science department faculty members.

**A**  
Students may apply for assistantships, grants and fellowships. Fellowships provide a stipend and health insurance for the duration of the fellowship.

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POLS 5510	Democratization	3
POLS 5550	Politics of Economic Development	3
POLS 5690	Theories of World Politics	3

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The Master of Public Administration (M.P.A.) program is designed for public service professionals and pre-service students interested in preparing themselves for a career in the public or nonprofit sectors at the national, state, and local levels. The M.P.A. provides a unique interdisciplinary range of educational experience and research. In the past, students have participated in projects for the U.S. Departments of Labor, Education, Justice, Health and Human Services,

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[www.slu.edu/arts-and-sciences/psychology](http://www.slu.edu/arts-and-sciences/psychology)

**A**

Jeffrey D. Gfeller, Ph.D.

*Department Chair*

Kimberly K. Powlishta, Ph.D.

*Graduate Director, Experimental Program*

Jillon S. Vander Wal, Ph.D.

*Graduate Director, Clinical Program*

Edward J. Sabin, Ph.D.

*Graduate Director, Industrial-Organizational Program*

The Department of Psychology at Saint Louis University focuses on exploring and understanding the complexities of the mind and human behavior through research, specialized programs and a vibrant learning community.

SLU has the oldest psychology department at a Jesuit university and has offered psychology courses for more than 100 years. Students pursuing a psychology degree will find support in approximately 300 fellow undergraduate students and 100 fellow graduate students, making it one of the most popular programs

## **A**

avenues to explore their own interests and develop their abilities through research, service and study. Areas of study include cognitive neuroscience, developmental psychology, social/personality psychology and applied psychology.

The department of psychology's mission is to broadly educate students in the discipline of psychology and its applications.



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diversity in all its forms.

Additional program highlights include:

- + Psychology majors are mentored by individual faculty members who support students' discernment of and successful progress toward professional goals that are integrated with expectations of

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Students specialize their graduate studies in clinical psychology by choosing from one of the following education and training opportunities, as defined by the Taxonomy for Health Service Specialties: clinical child psychology, clinical neuropsychology, health psychology, trauma psychology or sports psychology. In addition to a research project or dissertation, each area of study requires two to three years of courses and practicums, depending on which specialty is chosen.

Thirty-six credits are required for the master's degree, including 30 credits of departmental and clinical core coursework and si

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- + Application form and fee
  - + Transcript(s)
  - + Three letters of recommendation
  - + GRE scores
  - + Résumé
  - + Interview
  - + Personal statement
  - + Diversity statement
- 
- + A completed Declaration of Financial Support packet with all accompanying documents
  - + TOEFL or PTE Academic score
  - + Check the English Proficiency Policy page for specific TOEFL and PTE score requirements. Students may also visit the international prospects, applicants and students page for more information about international application requirements.

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Students who want to be considered for an assistantship must submit their application by Dec. 1. All applicants accepted for admission are considered for assistantships. No separate assistantship application is required.



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degree include 30 credits comprising the departmental and clinical core coursework and six credits of thesis research. Each student must complete and defend a thesis in accordance with graduate school requirements. Upon completion of the master's degree, doctoral students complete an additional 42 credits of coursework and 12 credits of dissertation research. Students conduct a public presentation and oral defense of the dissertation following completion of this research project. Finally, students must complete an APA-approved internship in clinical psychology prior to receiving their doctoral degree.

Thirty credits of coursework are required for the master's degree, which counts toward the 59 credits required for the Ph.D. Students entering the program with a master's degree may present course syllabi and/or other documentation from previous courses to the experimental psychology graduate program director to request substitutions for specific requirements.

The Experimental Psychology program includes three concentration areas: Cognitive Neuroscience, Developmental Psychology, and Social Psychology. All areas integrate theory and research in courses, research, and professional experiences.

### Three Concentrations

This concentration focuses on the integration of cognitive psychology and neuroscience. It is designed to prepare students for research careers in basic and applied settings, and teaching at the college level.

Coursework in the cognitive neuroscience concentration deals with basic issues in cognition and



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- packet with all accompanying documents
- + TOEFL or PTE Academic score
- + Check the English Proficiency Policy page for specific TOEFL and PTE score requirements. Students may also visit the international prospects, applicants and students page for more information about international application requirements.

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Students who want to be considered for an assistantship must submit their application by Dec. 15.

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PSY	6820	Clinical Practicum IV*	0
* At least one taken each semester in residence			
PSY	6890	Internship in Clinical Psychology	0
PSY	6860	Advanced Clinical Research 1*	0
PSY	6870	Advanced Clinical Research 1I*	0





## A

complex and creative visual analytics; and offer scientific spatial analysis for public policy challenges.

This concentration is designed to produce academic scholars and leaders in public policy and applied settings. It combines leading-edge social science methods with the disciplines of political science, sociology, law and criminology.

Students who choose this concentration gain the knowledge and methodological skills to conduct policy-relevant research. They also have the opportunity to work with agencies to address contemporary issues related to law and crime.

The public and social policy students engage in community-based projects and interact with faculty and each other through a student planning organization, annual one-day retreat and research colloquia.

From the time students enter the public and social policy program, you'll participate in a research pro-seminar, which meets monthly. Participation is required

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**A A**

[www.slu.edu/arts-and-sciences/sociology-anthropology](http://www.slu.edu/arts-and-sciences/sociology-anthropology)

**A**

Dr. Richard A. Colignon  
*Department Chair*

Terry Tomazic Ph.D.  
*Graduate Program Director*

An anthropological perspective — including an examination of the similarities and differences among human groups, cultures and societies both locally and worldwide — emphasizes the concepts of cultural relativism, multicultural perspectives and globalization processes that are vital to many areas of study at Saint Louis University.

The Department of Sociology and Anthropology offers a variety of courses and concentrations that are directed toward understanding the patterns and processes of social life. The faculty focus on perspectives that illuminate and involve students in issues of social justice. The faculty emphasize cross-cultural approaches that highlight the increasingly diverse and global world.

- + Bachelor of Arts in Anthropology
- + Bachelor of Arts in Sociology
- + Bachelor of Science Forensic Science
- + Minor in Anthropology
- + Minor in Computational Geospatial Science
- + Minor in Forensic Science
- + Minor in Sociology

- + Master of Arts in Sociology

Elizabeth Chiarello, Ph.D.

Amy Cooper, Ph.D.

Terra Edwards, Ph.D.

Monica Eppinger, J.D., Ph.D.

Scott Harris, Ph.D.

Joel Jennings, Ph.D.

Ajlina Karamelic-Muratovic, Ph.D.

Kathryn E. Kuhn, Ph.D.

Katherine C MacKinnon, Ph.D.

Hisako Matsuo, Ph.D.

Daniel Monti, Ph.D.

Bruce O'Neill, Ph.D.

Christopher Prener, Ph.D.

J.S. Onésimo Sandoval, Ph.D.

Terry Tomazic, Ph.D.

Mary Vermillion, Ph.D.

**A A A**

Anthropology is the study of humans. The anthropological endeavor involves both the sociocultural and biological aspects of humankind. The study of anthropology requires a holistic approach; it is comprehensive, inclusive and integrates information from many different areas of study through ethnographic, biological, cross-cultural, archaeological and sociological inquiries.

## **A**

as their lives.

The Archeology Lab provides an excellent workspace for students to explore and contribute to the science of archeology. Each semester, the lab provides hands-on opportunities for students to explore prehistoric and historic lithics, ceramics and other materials and to develop student-initiated research projects.

The Urban Lab makes the city of St. Louis a classroom. Through coursework, internships and field schools, you'll have the chance to conduct original research on





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**A**

There are two principal ways to help finance a Saint Louis University education:

+ Scholarships: awarded based on academic



**A**

CHEM	1120	Introduction to Chemistry II	3
CHEM	1125	Introduction to Chemistry II Lab	1
CHEM	2410	Organic Chemistry I	3
CHEM	2415	Organic Chemistry I Lab	1
CHEM	2420	Organic Chemistry II	3
CHEM	2425	Organic Chemistry II Lab	1

**A**

SOC 1100

A

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**A**

complete a total of 106 credits of academic work, including a summer internship, in order to complete the J.D./M.A. (82 credits in the School of Law and 24 credits in the Department of Sociology and Anthropology. Of the 91 credit required for the J.D. degree, 9 credits are satisfied by Sociology and







**A**

THEO 3115	Old Testament: Prophets	3
THEO 3120	Old Testament: Psalms	3

**A**

year program of study that includes 33 credits of coursework (including 200 credits of supervised internship) and comprehensive exams.

Students desiring to continue in doctoral work should choose one of the research concentrations.

The research track consists of a two-year program of

**A**

THEO 5910 Internship in Religious Education	6
THEO 54xx/55xx Systematic Theology	6
THEO 56xx Theological Ethics	3
THEO 50xx/51xx Scripture	3







**A**

minor coursework to be retained in the minor.





**A**

Applicants must be a graduate of an accredited high school or have an acceptable score on the GED. An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having

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          A

The Accelerated Bachelor's/Master's Program (ABM) offers the opportunity for outstanding Women's and Gender Studies majors to begin an M.A. program in their senior year, completing the M.A. with a full time fifth year of graduate study after their successful completion of both the first year requirements and their undergraduate degree and major.

The Women's and Gender Studies major, like most humanities majors, requires thirty credits of coursework, and the M.A. a further thirty. By counting two graduate courses, or six credits, for both degrees, students earn the requisite thirty credits in only twelve to fourteen months after receiving their Bachelor's degree.

Students must be pursuing a Women's and Gender Studies major or minor, have at least junior standing, and have a minimum grade point average of 3.3, although exceptions can be granted by the Graduate Director.

Students who pursue a major or minor in women's and gender studies must earn a 2.00 GPA in the courses approved for completion of the major or minor. If a

**A**

**A**

WGST 6350	17th Century Literature	3
WGST 6500	Romanticism	3
WGST 6590	19th Century English Lit	3
WGST 6600	Studies in Modernism	3
WGST 6610	Twentieth-Century Fiction	3
WGST 6650	Twentieth Century Postcolonial Literature	3
WGST 6670	Topics in Literature of the 20th Century	3
WGST 6690		