

University of Missouri–St. Louis

The University of Missouri–St. Louis is a public metropolitan research university located in Missouri’s most populous and economically diverse region. The university strives to strengthen educational programs at all levels, enhance the research and creative capacities of faculty and students and serve the region’s needs through research and technology transfer, innovative educational outreach programs and work force development.

Founded in 1963 on the grounds of a former country club, the University of Missouri–St. Louis today is spread across 350 acres of rolling hills in suburban St. Louis County adjacent to two interstate highways and five minutes from Lambert-St. Louis International Airport. The campus has 44 academic and general-purpose buildings as well as student residence halls, condominiums and apartments. The newest of these facilities are the \$11 million Center for Molecular Electronics (renamed the Center for Nanoscience in 2007), \$32 million Millennium Student Center and \$52 million Blanche M. Touhill Performing Arts Center. The campus also is developing a 100-acre business, research and technology park and planning new facilities for its colleges of Business Administration and Education.

The largest university in the region, the University of Missouri–St. Louis enrolls nearly 16,000 students and employs more than 1,000 full-time and part-time teaching and research faculty members. More than 95 percent of tenure and tenure-track faculty hold doctoral or terminal degrees in their respective fields and edit or have articles routinely published in a variety of nationally renowned academic journals. Numerous academic programs have attained national recognition for their quality, including criminology and criminal justice, education, tropical ecology, nursing and optometry. *U.S. News & World Report* ranks the Department of Criminology and Criminal Justice’s doctoral degree program as the fourth best in the country and the International Business Program as 10th in the country.

While graduates of the University of Missouri–St. Louis have taken leadership roles nationally and internationally, their influence remains centered in the St. Louis region. More than 75 percent of University of Missouri–St. Louis graduates still live and work in the region — supporting the unofficial campus tagline “We Educate St. Louis.”

College of Arts and Sciences

The largest of the colleges at UM–St. Louis, the College of Arts and Sciences, through its 14 departments, School of Social Welfare and Sue Shear Institute of Women’s and Gender Studies, offers a curriculum linking the liberal arts with the metropolitan area.

Students may pursue academic majors in anthropology, biology, biotechnology, chemistry and biochemistry, criminology and criminal justice, economics, English, foreign languages and literatures, history, mathematics and computer science, philosophy, physics and astronomy, political science, psychology, social work and sociology.

The college offers master’s degrees in biology, computer science, creative writing, criminology and criminal justice, chemistry, economics, English, gerontology, history, mathematics, physics, physiological optics, political science, psychology, public policy administration, social work and sociology. It also offers graduate certificates in biotechnology, forensic economics, international studies, museum studies, psychology clinical respecialization, trauma studies, tropical biology and conservation, women’s and gender studies and writing.

It offers doctorates in applied mathematics, biology, chemistry, criminology and criminal justice, physics, physiological optics, political science and psychology.

College of Fine Arts and Communication

Founded in September 2001, the College of Fine Arts and Communication is the newest of the schools and colleges at UM–St. Louis. It includes the departments of Art and Art History, Communication, Music and Theatre, Dance and Media Studies.

Undergraduates may pursue degrees in art history, communication, music and studio art. The college offers master’s degree programs in communication and music.

The college is distinguished by its collaboration with the community. Four endowed professorships through the Des Lee Vision Collaborative link UM–St. Louis to the Saint Louis Symphony, St. Louis Art Museum, Opera Theatre of Saint Louis, Laumeier Sculpture Park and other cultural institutions.

University students and faculty, as well as visiting artists, have access to the new Blanche M. Touhill Performing Arts Center. Artwork exhibitions are housed in Gallery 210, Gallery FAB and Gallery Visio.

Pierre Laclède Honors College

The Pierre Laclède Honors College was established in 1989 and has grown to include its own campus, complete with instructional, residential and recreational facilities.

Students may pursue degrees in any undergraduate division of UM–St. Louis. In addition, students must undertake a personal writing program and pursue independent study through research, internships, public service projects and guided reading.

The college features a student-faculty ratio of 14:1, a scholar development program, a writing program and 11 honors classes. It offers academic excellence comparable to expensive private colleges, but at public institution rates.

The four-year program has a highly selective student body of about 450. The college's teachers are among the university's leading research and teaching faculty.

College of Business Administration

At the undergraduate level, the College of Business Administration offers the Bachelor of Science in Business Administration degree with emphases in finance, international business, logistics and operations management, management and organizational behavior and marketing.

Bachelor of Science in Accounting and Bachelor of Science in Management Information Systems degrees also are offered to undergraduate students. These programs provide students with a high quality business education that prepares them to become productive contributors in both private and public sector organizations.

The college offers three master's degree programs. The Master of Business Administration program is designed to fully prepare students for administrative positions. The Master of Science in Management Information Systems program includes a specialized program in computer-based management information systems. The Master of Accounting program is intended for students preparing to enter the accounting profession or furthering existing accountant careers.

The college also offers a doctoral degree in business administration with a focus on information systems. All of the college's programs are accredited by the International Association for Management Education, the authorized professional accrediting body in collegiate business education.

The Center for Business and Industrial Studies was established in 1982 to meet the research needs of the St. Louis business community. The center analyzes managerial programs and conducts applied research. Through the center, clients have access to a distinguished faculty with specialized knowledge and analytical tools, statistical databases and computer software adaptable to a wide variety of business applications.

College of Education

The College of Education provides undergraduate, graduate and doctoral degree programs to prepare and sustain educational leaders for a variety of school and non-school settings.

The college is consistently one of the top three institutions in the state in the production of educators. Consistent with the college's theme of "Creating the 21st Century School of Education," programs emphasize state-of-the-art technological applications to enhance

teaching and learning as well as collaboration among university, school, agency and corporate partners to prepare and revitalize educators.

The faculty, including a number of nationally recognized endowed professors, are committed to a continuous exchange between research and practice that improves the learning environment of diverse learners.

The college is divided into five divisions: teaching and learning; educational psychology; research and evaluation; educational leadership and policy studies; and counseling and family therapy.

In addition to numerous undergraduate degree programs, the college offers master's degrees in counseling, educational administration, elementary education, secondary education and special education. Within these programs, a number of emphasis areas are available, including community education, elementary and secondary school administration, elementary and secondary reading, general and school counseling and secondary curriculum and instruction. The college also offers both doctor of education and doctor of philosophy in education degree programs.

College of Optometry

After more than 10 years of study and planning, the College of Optometry came into existence on June 1, 1980. The first class of 36 students graduated in May 1984. This college offers the only opportunity to study optometry in Missouri.

Doctors of optometry are primary health care professionals who examine, diagnose, treat and manage diseases and disorders of the visual system, the eye and associated structures as well as diagnose related systemic conditions. They prescribe glasses, contact lenses, low vision rehabilitation and medications as well as perform certain surgical procedures as regulated by state law.

Optometric education is a four-year professional degree program accredited by the Accreditation Council on Optometric Education through the authority granted by the U.S. Department of Education. Upon graduation and following successful completion of the three-part examination given by the National Board of Examiners in Optometry, graduates are eligible for licensure in all 50 states plus the District of Columbia.

Entering students must have completed at least 90 credit hours of undergraduate work including core courses in the sciences (biology, chemistry and physics), mathematics (including calculus), English and the liberal arts. Applicants also must complete the Optometry Admission Test, which is designed to measure general academic ability and comprehension of scientific information. Ninety-eight percent of those admitted hold a bachelor's degree, most from a scientific discipline.

The curriculum leading to the doctor of optometry degree is a four-year, year-round program. The program prepares graduates to deliver compassionate patient care while

instilling a sound background in the biomedical, optical, behavioral and clinical sciences including an understanding of the health care delivery system.

College of Nursing

The College of Nursing offers nursing studies at the undergraduate and graduate levels. Knowledge and skills needed to complete the professional licensure examination to become a professional registered nurse are available through a baccalaureate option. Nurses who have obtained their basic nursing education through associate degree or diploma nursing programs may complete their bachelor's degree at UM–St. Louis.

The college also offers a master's degree in nursing in cooperation with the School of Nursing at UM–Kansas City and the doctoral degree in nursing in cooperation with the UM–Columbia and UM–Kansas City nursing schools. The college was established as a School of Nursing in 1980 and graduated its first class in May 1983. College status was achieved in 1994 with the acquisition of the basic baccalaureate program through the merger with the Barnes College of Nursing.

Graduate School

The graduate school has responsibility for all graduate degree programs in the various schools and colleges of the university.

Graduate programs have been designed to serve students with either of two career goals— to obtain an advanced degree or to obtain advanced training for personal or professional growth.

Academic programs include 27 offering master's degrees and 11 offering doctoral degrees. Two interdisciplinary graduate programs, in gerontology and public policy administration, report directly to the graduate school.

UM–St. Louis/Washington University

Joint Undergraduate Engineering Program

The UM–St. Louis/Washington University Joint Undergraduate Engineering Program was established in 1992 and offers bachelor's degrees in civil, mechanical and electrical engineering as well as a minor in environmental engineering science. The three bachelor's degrees are accredited by the Engineering Accreditation Commission of the Accreditation Board for Engineering and Technology.

Students who enter the program take half of their course work on the UM–St. Louis campus. The remaining half of the program, consisting of upper-level engineering courses and laboratories, is completed on the campus of Washington University in St. Louis.

Students register for all their courses at UM–St. Louis, pay UM–St. Louis tuition rates and receive their degrees from UM–St. Louis. The joint program allows Missouri to make the most efficient use of public funds while meeting the needs of both traditional

and non-traditional students. There are more than 200 graduates of the joint program, including about 14 percent African-Americans and about 18 percent women.

Continuing Education and Outreach

Continuing Education and Outreach, charged with extending the resources of UM–St. Louis to the public, uses the facilities of government agencies, hospitals, schools and businesses to make college credit and non-credit courses conveniently available to the public. The J.C. Penney Conference Center provides a modern adult education setting on campus for short courses, conferences, institutes, workshops and seminars.

Continuing Education and Outreach and the College of Arts and Sciences offer through the Nonprofit Management and Leadership Program courses and seminars for professional staff, board members and other leaders of nonprofit and voluntary organizations as well as for students and others wishing to explore the field.

A graduate concentration program and undergraduate certificate also are offered. Custom designed programs for specific nonprofit association and organizations are available, and the program also provides consulting services to nonprofit or voluntary organizations.

Through the Video Instructional Program, UM–St. Louis offers courses on all local cable television stations on the Higher Education Channel. Graduate and undergraduate credit courses are offered with UM–St. Louis faculty available to answer questions and discuss exams.

UM–St. Louis also operates a two-way video system with other university campuses. This system is used for both credit and non-credit instruction.

The Center for Entrepreneurship and Economic Education provides courses, workshops, conferences and consultations on economic concerns for teachers and administrators. Curriculum materials also are developed and distributed. The center is affiliated with the Missouri Council on Economic Education and the joint Council on Economic Education, a national network of economic educators.

The university also maintains the West County Computer Center, located near the intersection of Interstate 270 and Manchester Road at 1715 Deer Tracks Trail in Town and Country, Mo. Computer classes also are taught on the UM–St. Louis campus.

Libraries

UM–St. Louis libraries support the educational objectives of the university and meet the informational needs of the campus community. The UM–St. Louis library system includes the St. Louis Mercantile Library, Thomas Jefferson Library and Ward E. Barnes Library.

Founded in 1846, the St. Louis Mercantile Library is the oldest cultural institution west of the Mississippi River. The library moved to the UM–St. Louis campus in 1998. It includes two widely renowned specialized transportation collections: the John W.

Barriger III National Railroad Library and Herman T. Pott National Inland Waterways Library. The Barriger library focuses on American railroad history and is one of the largest of its kind in the United States. Its holdings include 40,000 books plus primary manuscript documents and photographs. The Pott library focuses on U.S. river and inland waterways history and contains 2,500 books and a large pictorial/photographic collection.

The UM–St. Louis libraries house one million volumes, 300,000 photographs, one million government documents and more than one million microforms. They provide access to more than 15,000 full-text online periodicals. The libraries are open more than 80 hours per week during regular academic sessions.