

Educational Goals of UMR

As Missouri's technological research university, the University of Missouri-Rolla's mission is to educate tomorrow's leaders. In a world growing increasingly dependent on science and technology, tomorrow's graduates must be prepared to be leaders in more than just their chosen professions. They must also be leaders in business, in government, in education, and in all aspects of society. UMR is dedicated to providing leadership opportunities for its students. The opportunity to receive an excellent technological education is only part of the educational experience received by students at UMR. UMR offers a full range of engineering and science degrees, coupled with business and liberal arts degrees and programs that are vital to the kind of comprehensive education that turns bright young men and women into leaders.

UMR is nationally recognized for its excellent undergraduate engineering programs, and is distinguished for producing cutting-edge research and key technologies vital to the economic success of Missouri and the nation. UMR has a distinguished faculty dedicated wholeheartedly to the teaching, research, and creative activities necessary for scholarly learning experiences and advancements to the frontiers of knowledge. UMR has excellent physical facilities, which support the best possible education in the liberal arts, engineering, science, applied science, and selected interrelated fields.

UMR's programs in science, engineering, and business, its technology transfer programs, its leadership opportunities, and its learning environment are all integral parts of the total educational package available to students who attend the University of Missouri-Rolla.

Mission Statement

The University of Missouri-Rolla, Missouri's Technological Research University, offers educational programs in major disciplines that are technology-based, technology-dependent, or complementary to these programs and is responsible for meeting Missouri's need for engineering education. It is a premier source of leaders for our rapidly changing society--leaders able to identify and solve complex societal and technical challenges; to create, assimilate, synthesize and communicate knowledge; to work effectively as team members in diverse environments; to adapt to change through life-long learning; and to improve quality of life for the citizens of the state and nation.

UMR conducts nationally recognized research and develops and integrates new technologies in areas which improve the well-being of our citizens. The university stimulates economic development by creating and disseminating knowledge, by providing an educated work force, by encouraging and providing continuing education for lifelong learning, and by fostering partnerships among university, industry, and government groups.

UMR emphasizes a broad range of educational and research programs with special emphasis on science and technology.

Vision

The University of Missouri-Rolla continuously strives to provide a superior education for its students. To accomplish this, the university must continue to encourage and reward excellence and creativity in teaching and continue to strengthen an environment conducive to learning. It must also encourage and reward faculty members for their effort to increase sponsored research in order to offer both more and greater opportunities for graduate students and wider prospects for solving society's problems. As these goals are achieved, UMR's reputation for the quality of its undergraduate and graduate education will continue to grow. The overall results of making good programs even better will be increased enrollments and research funding. The cumulative effect of achieving these goals will be the enhanced recognition of UMR, by both professional bodies and public entities (i.e., *U.S. News and World Report*), as one of the nation's top 50 undergraduate and engineering Ph.D. granting institutions.

UMR is widely recognized as a leading institution of higher education in the State of Missouri and is dedicated to enhancing its role as a nationally prominent technological university.

On Jan. 1, 2008, UMR will become Missouri University of Science and Technology, or Missouri S&T. Our new name will not only help us gain broader national recognition, but will also give us an identity that fits our mission – to be the state's technological research university.

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UMR Named Professorships

Craig Adams, *John and Susan Mathes Missouri Professorship of Civil Engineering*
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Samuel Frimpong, *Robert H. Quenon Missouri Professorship in Mining Engineering*
James Giglio, *Maxwell Weiner Professorship in History*
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Ann Miller, *Cynthia Tang Missouri Professorship in Computer Engineering*
Kent Peaslee, *F. Kenneth Iverson Chair of Steelmaking Technologies*
Von L. Richards, *Robert V. Wolf Assoc. Professor of Metals Casting in Metallurgical Engineering*
J. David Rogers, *Karl F. Hasselmann Missouri Chair in Geological and Petroleum Engineering*
Jay Switzer, *Castleman/FCR Missouri Professorship of Discovery in Chemistry*
Thomas Weigert, *Daniel St. Clair Endowed Chair in Computer Science*
Donald Wunsch, *Mary Finley Missouri Professorship in Computer Engineering*
Reza Zoughi, *Schlumberger Distinguished Professor of Electrical & Computer Engineering*

Curators' Professors

Harlin U. Anderson of Ceramic Engineering (Emeritus)
Bassem F. Armaly of Mechanical Engineering
Frank D. Blum of Chemistry
Richard K. Brow of Ceramic Engineering
Ta-Shen Chen of Mechanical Engineering (Emeritus)
Franklin Yih Cheng of Civil Engineering (Emeritus)
Alfred L. Crosbie of Mechanical Engineering
Delbert E. Day of Ceramic Engineering (Emeritus)
Lokesh Dharani of Mechanical Engineering
James Drewniak of Electrical Engineering

Walter Eversman of Mechanical & Aerospace Engineering
Stig Friberg of Chemistry (Emeritus)
Richard D. Hagni of Geology & Geophysics (Emeritus)
Don H. Madison of Physics
Thomas J. O'Keefe of Metallurgical Engineering (Emeritus)
Ronald E. Olson of Physics
Michael Schulz of Physics
James O. Stoffer of Chemistry (Emeritus)
David A. Summers of Mining Engineering
Wei-Wen Yu of Civil Engineering (Emeritus)

Curators' Teaching Professorship

Donald R. Askeland of Metallurgical Engineering (Emeritus)
Abdeldjelil Belarbi of Civil Engineering
James J. Bogan of Arts, Languages and Philosophy
Lawrence O. Christensen of History & Political Science (Emeritus)
Nord L. Gale of Biological Sciences (Emeritus)
Larry Gragg of History & Political Science
Frances Dee Haemmerlie Montgomery of Psychology
Leonard F. Koederitz of Geological & Petroleum Engineering (Emeritus)
Roger A. LaBoube of Civil Engineering
Kent D. Peaslee Materials Science & Engineering
O. Allan Pringle of Physics
Jack B. Ridley of History & Political Science (Emeritus)

About the Campus

One of the four campuses in the University of Missouri System, UMR was founded in 1870 as the University of Missouri School of Mines and Metallurgy and was the first technological institution west of the Mississippi River. It became the University of Missouri-Rolla in 1964 and remains one of the nation's best technological universities.

The 284-acre campus is located in Rolla, Mo., a town of 16,000 in the heart of the Ozarks. The university offers bachelor of arts and bachelor of science degrees in 30 fields of study, including engineering, science, humanities, business and social sciences. Master of science degrees are offered in 27 disciplines, the doctor of philosophy in 20 and the doctor of engineering in nine.

As a leading research university, the UMR campus is home to 23 research centers, labs and institutes. Externally funded research has more than doubled since 2001, from \$17.4 million to \$35.6 million in 2005. The 2010 goal is \$60 million. Since 2000, the university's industry-sponsored research increased 156 percent. Also during that period, UMR has seen a 106 percent increase in federal research and development expenditures.

UMR enrolls more than 5,500 students from 48 states and 55 countries. More than 70 percent of students study in engineering, science or computer fields,

but UMR also offers liberal arts and business degrees. In 2007, UMR officially started offering an MBA. Many of the nation's top companies actively recruit graduates from all disciplines. In 2006, more than 500 different employers recruited UMR students. The average starting salary for those earning undergraduate degrees is currently more than \$51,000.

Campus Life

UMR offers a number of campus living options, including fraternity and sorority houses, traditional residence halls and the new Residential College. The university has more than 200 student organizations, including a dozen student design teams, a competitive NCAA Division II athletic program, student professional societies, a student radio station, and theatre and music programs. Each year, UMR students help to organize one of the largest St. Pat's celebrations in the nation.

University of Missouri Structure and History

The four University of Missouri campuses are located in Rolla, Columbia, Kansas City and St. Louis. Governing these campuses is the Board of Curators whose members are appointed by the Governor of Missouri and confirmed by the Missouri Senate. The president of the university directs and coordinates programs of all four campuses with assistance from staff in finance, business management, academic affairs, research, extension, development, public information, and other university services. The activities of each campus are under the supervision of a chancellor, who directs campus affairs within policies established by the UM Board of Curators and the president.

The University of Missouri has a long and proud history. It was established at Columbia in 1839, only 18 years after Missouri became a state. A land-grant university, UM is recognized as the first state university west of the Mississippi River. The university remained a single campus institution until 1870 when the University of Missouri School of Mines and Metallurgy (UMR's former designation) was established at Rolla. Campuses at St. Louis and Kansas City were added in 1963.

On July 1, 1964, the UM Board of Curators took action to rename the University of Missouri School of Mines and Metallurgy to the University of Missouri-Rolla.

Missouri University of Science and Technology

On Jan. 1, 2008, UMR will become Missouri University of Science and Technology, or Missouri S&T. Our new name will not only help us gain broader national recognition, but will also give us an identity that fits our mission – to be the state's technological research university.

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Accreditation

Institutional accreditation is by the Higher Learning Commission of the North Central Association of Colleges and Schools. Further information on specialized accreditation by department is available in the UMR Fact Book or at <http://campus.UMR.edu/irinfo/accreditation.htm>.

For More Information

If you have additional questions, contact:

Director of Admissions

University of Missouri-Rolla

Rolla, MO 65409-1060 (573) 341-4164

<http://admissions.UMR.edu>.

You also may wish to contact one of the following offices for specific information:

- Career Opportunities Center (573)341-4343
- Counseling & Academic Support (573)341-4211
- Disability Support & Services (573)341-4222
- Distance & Continuing Education
<http://dce@UMR.edu>
- Extended Learning (573) 341-4132
- Intercollegiate Athletics (573)341-4175
- International & Cultural Affairs (573)341-4208
- Registrar (573)341-4181
- Residential Life & Student Support(573)341-4218
- Student Diversity Programs/Minority Engineering and Science Program (573)341-4212
- Student Financial Aid (573)341-4282
- University Police (573)341-4300
- Vice Chancellor Student Affairs (573)341-4292