

# GRADUATE DEGREE PROGRAMS

The University of Missouri-Rolla offers master of engineering, master of science, master of arts (available as a cooperative degree program with UMSL), master of science for teachers, doctor of philosophy, and doctor of engineering degrees. Studies fall into the general areas of engineering, economics, English, history, science, and technology.

The master of engineering degree is available in:

- geotechnics
- manufacturing engineering
- mining engineering

The master of science degree is available in:

- aerospace engineering
- biology, applied and environmental
- biomaterials
- ceramic engineering
- chemical engineering
- chemistry
- civil engineering
- computer engineering
- computer science
- electrical engineering
- engineering management
- environmental engineering
- geological engineering
- geology and geophysics
- information science & technology
- manufacturing engineering
- materials science and engineering
- mathematics (applied)
- mechanical engineering
- metallurgical engineering
- mining engineering
- nuclear engineering
- petroleum engineering
- physics
- systems engineering
- technical communication

The master of arts degree is available as a cooperative degree program with the corresponding departments of the University of Missouri-St. Louis. (A maximum of 12 graduate semester hours may be taken at UMR)

- economics
- English
- history

The master of science for teachers degree is available in:

- chemistry
- earth sciences
- mathematics
- physics

The doctor of philosophy degree is available in:

- aerospace engineering
- ceramic engineering
- chemical engineering
- chemistry
- civil engineering
- computer engineering
- computer science
- electrical engineering
- engineering management
- geological engineering
- geology and geophysics
- materials science and engineering
- mathematics
- mechanical engineering
- metallurgical engineering
- mining engineering
- nuclear engineering
- petroleum engineering
- physics

The doctor of engineering degree is available in:

- chemical engineering
- civil engineering
- electrical engineering
- geological engineering
- mechanical engineering
- mining engineering
- nuclear engineering
- petroleum engineering

The Provost is responsible for the administration of all graduate work at UMR. In cases where your program can be demonstrably improved, the Provost can approve departures from the graduate faculty rules. Each department may have its own rules beyond the general ones listed and should be contacted if further information is desired at:

<http://campus.umr.edu/graduatestudies>

Graduate Certificates with their discipline available in:

- CAD/CAM and Rapid Product Realization  
Manufacturing Engineering
- Contemporary Structural Engineering  
Civil Engineering
- Engineering Mechanics  
Engineering Mechanics
- Enterprise Resource Planning  
Information Science & Technology
- Geoenvironmental Engineering  
Civil Engineering
- Geotechnical Earthquake Engineering  
Civil Engineering
- Human Computer Interaction  
Information Science & Technology

- Infrastructure Renewal  
Civil Engineering
- Manufacturing Systems  
Manufacturing Engineering
- Military Construction Management  
Civil Engineering
- Military Construction Management  
Engineering Management
- Multimedia and Information Systems  
Computer Science
- Network Centric Systems  
Computer Engineering
- Network Centric Systems  
Systems Engineering
- Project Engineering & Construction Management  
Civil Engineering
- Project Engineering & Construction Management  
Engineering Management
- Project Management  
Engineering Management
- Software Design and Development  
Computer Science
- Systems Engineering  
Systems Engineering

## Equal Opportunity in Programs and Activities

It is the policy of the University of Missouri-Rolla to provide equal employment opportunities to all qualified persons without regard to race, color, sex, sexual orientation, religion, national origin, age, or physical disability, and status as vietnamera veteran, to prohibit discrimination in recruitment, employment, conditions of employment, including salary and benefits related thereto, to promote employment opportunity and to take affirmative action in this regard. Affirmative Action means the elimination of all existing discriminatory conditions, whether purposeful or inadvertent. This nondiscrimination policy applies to all persons.

### Title VI of the Civil Rights Act of 1964

"No person in the United States shall, on the ground of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance."

### Title IX of the Education Amendments of 1972

"No person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance."

### Section 504 of the Rehabilitation Act of 1973

"No otherwise qualified handicapped individual in the United States...shall, solely by reason of the handicap, be excluded from the participation in, be denied the benefits of, or be subject to discrimination under any program or activity receiving Federal financial assistance."

## INFORMATION ON THE WORLD WIDE WEB

For the most current information  
regarding course descriptions go to  
<http://campus.UMR.edu/registrar>

Students are also advised to consult the  
websites of individual schools, college  
and department offices.

**Section 303 of the Age Discrimination Act of 1975**

“No person in the United States shall, on the basis of age, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program or activity receiving Federal financial assistance.”

**The Americans with Disabilities Act of 1990**

**Section 102 Discrimination**

General Rule. – No covered entity shall discriminate against a qualified individual with a disability because of the disability of such individual in regard to job application procedures, the hiring, advancement, or discharge of employees, employee compensation, job training, and other terms, conditions, and privileges of employment.

UMR conducts its programs and activities involving admission and treatment of students, employment, teaching, research, and public service in a non-discriminatory manner as prescribed by Federal law and regulation. Inquiries concerning the above may be addressed to:

- Chancellor, University of Missouri-Rolla  
Rolla, Missouri 65409-9957
- Director, Office for Civil Rights  
Department of Health and Human Services  
Washington, D.C. 20201

