WE WANT YOUR BEST

The Lowell Master of Engineering in Mineral Resources

The global nature and fast pace of the mining industry can make it difficult to return to a college campus for graduate courses.

The Lowell Master of Engineering in Mineral Resources is a distance degree that provides continuing education for the global minerals industry. Courses are taught by university professors, industry professionals, and senior executives of major companies.

The Master of Engineering in Mineral Resources is a program for mineral resource professionals advancing to management positions and for those from other disciplines who are entering the mineral resources industry and need professional career preparation specific to the industry.

Nominations and applications are being accepted for the fall 2008 semester. The application deadline is June 1, 2008.
Lowell MEng Fast Facts

Students employed by a company with a business presence in Arizona pay in-state tuition (corporate rate). Learn more at:

www.oneflexibledegree.com

30 credit hours are required for the degree. Students can earn up to 9 credit hours for work-related research report and independent study.

Students can take a combination of 1-credit hour (2-day) short courses and full semester 3-credit hour courses

Students are strongly encouraged to spend one week on campus at the beginning and end of each academic year for student-faculty interaction.

Distance learning means keeping your employees on site while they enhance their skills and value to your company.

Admission Requirements

Bachelor’s degree from an accredited institution

TOEFL score of 550 for paper-based; 213 for computer-based; or 79 for iBT exam

Undergraduate GPA of 3.0

Undergraduate degree in engineering or*:
3 semesters of calculus
2 semesters of calculus-based physics
2 semester of chemistry

Engineering science including statics, mechanics of materials, and fluid mechanics

Proficiency in basic geology

*Some emphasis areas will require differential equations, structural geology, mineralogy/petrology, thermodynamics, surface chemistry.

Contact us to determine prerequisites if you do not have an engineering degree at mgedept@email.arizona.edu

Complete the Graduate College Application at: http://grad.arizona.edu

Complete the Master of Engineering Application at: www.oneflexibledegree.com

Tuition Rates

Rates below are for the current academic year. They will increase next year.

Corporate rate: $723.33/credit hour
Non-Corporate rate: $1114.33/credit hour

Emphasis Areas

Mine Information and Production Technology
Technical Mine Management
Geomechanics
Mine Health and Safety
Mineral Processing
Environmental Management

Course Topics Include:

Corporate Strategy and Governance
Engineering Contract Law
Commodities Markets
International Minerals Trade
Introduction to Capital Markets
Mine Finance
Equipment Operations Technology
Management Operations Technology
Modern Mining Operations Systems
Block Cave Mine Design
Disease and Illness in Mining
Environmental and Occupational Health
Underground Construction Geomechanics
Mechanics of Failure in Rock
Surface Chemistry of Flotation
Hydrometallurgy
Engineering Sustainable Development
Environmental Management and Mine Reclamation