



Graduate Certificates in **MINING & GEOLOGICAL ENGINEERING**

100% ONLINE!

The University of Arizona is one of the nation's leading institutions for the study of mining and geological engineering.



THE UNIVERSITY OF ARIZONA
COLLEGE OF ENGINEERING

**Mining & Geological
Engineering**

Graduate Certificate in Geomechanics / Rock Mechanics

- Build your understanding of scientific and technical concepts involved in excavation
- Explore the properties and behaviors of rock masses
- Tap into a flexible program
- Benefit from an accelerated program

Graduate Certificate in Mine Production & Information Technology

- Develop the scientific and technical background to run effective mining operations
- Gain hands-on experience with technology for managing information, analyzing data and monitoring mining environments
- Tap into a flexible program

Graduate Certificate in Mining Occupational Safety & Health

- Learn how to eliminate hazards in mines and provide a safe working environment
- Study the latest thinking in the industry about issues such as accident prevention, fire protection and ventilation

Graduate Certificate in Mineral Processing & Extractive Metallurgy

- Learn methods for ore and mineral processing
- Focus on areas such as flotation, hydrometallurgy and solution mining
- Benefit from an accelerated program

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