

Key Messages Sheet: University of Arizona Mining Engineering Bachelor Program

Program Overview

- **Versatile Career Paths:** Graduates are prepared for diverse roles in mining, oil and gas, construction, environmental policy, public health, and more.
- **Specialized Tracks:**
 - **Mine Operations:** Focus on mine design, equipment operations, and autonomous technology.
 - **Geomechanics:** Specialize in excavation, rock mechanics, and structural geology.
 - **Sustainable Resource Development:** Emphasize environmental science, public health, and resource economics.
 - **Mineral Processing:** Learn to extract and process metals using advanced techniques.

Unique Offerings

- **Accelerated Master's Program:** Earn both a bachelor's and master's degree in as few as five years.
- **Hands-on Learning:** Strong emphasis on practical, real-world applications and internships.
- **Interdisciplinary Opportunities:** Encouragement to pursue minors in complementary fields like environmental science, public health, or chemical engineering.

Program Highlights

- **State-of-the-Art Facilities:** Access to cutting-edge labs and equipment, including the student-run San Xavier Underground Mining Laboratory with a working vertical shaft.
- **Industry Connections:** Strong partnerships with leading companies and professionals in the mining sector.
- **High Employability:** Graduates are in demand, with a broad range of career opportunities.
- **ABET Accredited:** Ensures the program meets rigorous educational standards.

Why Choose UA Mining Engineering?

- **Innovative Curriculum:** Balances theoretical knowledge with practical skills.
- **Expert Faculty:** Learn from industry leaders and researchers.
- **Location Advantage:** Situated in a region rich in mining history and resources.
- **Community and Support:** A tight-knit, supportive learning environment.