

# MINERAL RESOURCE GEOLOGY

## Graduate Certificate

**Scholarships Available!**

For early- to mid-career and recent graduates seeking both specialized and interdisciplinary training.

The curriculum is modular, incorporating in-person & online courses and offering the flexibility for intensive in-person learning experiences as needed.

### 12 CREDIT UNITS

Can be credited towards another Graduate Program in Geosciences



THE UNIVERSITY OF ARIZONA  
COLLEGE OF SCIENCES

**Geosciences**

The Graduate Certificate in Mineral Resource Geology provides advanced education in the diverse fields related to the assessment, discovery, production, and allied requirements of minerals.

### CURRICULUM INCLUDES:

- Economic Mineral Deposits
- Ore Deposits Mapping
- Topics in Mineral Deposit Types
- Structural Geology for Exploration and Mine Geologists
- Inputs to Integrated Planning
- Petrological and Geochemical Principles for Resource Geology
- Mineralogical Principles for Resource Geology
- Geometallurgy

### OUTCOME:

- Understand ore deposit types, their global distribution, and formation processes.
- Produce geological maps and sections using industry best-practice geological mapping and logging methods
- Contextualize and communicate minerals industry information to professional and non-professional audiences.

**Questions?** Contact [minerals@arizona.edu](mailto:minerals@arizona.edu)  
Or visit [peg.geo.arizona.edu](http://peg.geo.arizona.edu).

**LEARN  
MORE**

