



Fall 2024

Graduate Certificate **Mineral Resource Geology**

- **12 credit units**
Can be credited towards another Graduate Program in Geosciences

Who is the program for?

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

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.



Sample Curriculum

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



Main outcomes

- 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.



Program modes

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

Contact Us

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<https://lpeg.geo.arizona.edu/>

**Scholarships
available!**