Geological Sciences, Minor
LAGLGMIN

Are you interested in discovering more about Earth's present, past and future? Join students and faculty who are exploring the physics and chemistry of Earth's interior, mapping surface processes and structures, applying novel analysis techniques to earth materials, and investigating Earth-climate interactions.

Description
The geological sciences minor is designed for students interested in developing a basic understanding of earth science and analyzing issues through a scientific viewpoint.

At a Glance

- **College/School:** The College of Liberal Arts and Sciences
- **Location:** Tempe campus

Program Requirements

Minor Map (Archives)
2021 - 2022 Minor Map

The minor in geological sciences consists of 21 credit hours, of which at least 13 credit hours must be completed at the upper-division level. All courses must be completed with a grade of "C" (2.00 on a 4.00 scale) or better.

**Required Courses -- 15 credit hours**

GLG 101: Introduction to Geology I (Physical) (SQ) (3)
GLG 103: Introduction to Geology I-Laboratory (SQ) (1)
GLG 102: Introduction to Geology II (Historical) (SG & H) (3)
GLG 104: Introduction to Geology II-Laboratory (SG) (1)
GLG 310: Structural Geology (3)
GLG 321: Mineralogy (3)
SES 401: Earth and Space Exploration Colloquium (1)

Electives -- 6 credit hours

GLG Upper Division Elective (6)

Courses in other related subjects may be approved by an academic advisor in the School of Earth and Space Exploration. Students should receive approval for substitutions prior to registration.

Depending on a student's undergraduate program of study, prerequisite courses may be needed in order to complete the requirements of this minor.

Enrollment Requirements

GPA Requirement: None

Incompatible Majors: BA in earth and environmental studies; BS in earth and space exploration (astrobiology and biogeosciences); BS in earth and space exploration (geological sciences)

Other Enrollment Requirements: None

Current ASU undergraduate students may pursue a minor and have it recognized on their ASU transcript at graduation. Students interested in pursuing a minor should consult their academic advisor to declare the minor and to ensure that an appropriate set of courses is taken. Minor requirements appear on the degree audit once the minor is added. Certain major and minor combinations may be deemed inappropriate by the college or department of either the major program or minor. Courses taken for the minor may not count toward both the major and the minor. Students should contact their academic advisor for more information.

Career Opportunities

A minor in geological sciences can help students advance their career options with marketable skills that align with their major areas of study, such as sustainability, civil and construction engineering, forestry and resource management.

The geological sciences minor provides a solid background in earth materials and processes that are fundamental to careers in environmental engineering and planning, science education, hydrogeology, water resources, scientific publishing, and careers in many other government and nongovernmental agencies.
Contact Information

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