

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](#)

Program requirements

[2024 - 2025 Minor Map](#)

[Minor Map \(Archives\)](#)

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 \(Physical\) \(SCIT OR SQ\)](#) (3)

[GLG 102: Introduction to Geology II \(Historical\) \(SCIT OR SG\)](#) (3)

[GLG 103: Introduction to Geology I: Laboratory \(SCIT OR SQ\)](#) (1)

[GLG 104: Introduction to Geology II: Laboratory \(SCIT OR SG\)](#) (1)

[GLG 310: Structural Geology](#) (3)

[GLG 321: Mineralogy](#) (3)

[SES 401: Earth and Space Exploration Colloquium](#) (1)

GLG Upper Division 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.

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. 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 or the minor program. Courses taken for the minor may not count toward both the major and minor.

Career opportunities

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, and scientific publishing, and in many other government and nongovernmental agencies.

Contact information

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