Geological Sciences, PhD

Explore the processes and dynamics that shape the interiors and surfaces of the Earth and other bodies in the solar system. This is your opportunity to work with world-class faculty on NASA- and NSF-funded projects in state-of-the-art laboratories and in the field on any of the seven continents.

Program Description

Degree Awarded: PHD Geological Sciences

The PhD program in geological sciences is designed to develop creative scholarship in the terrestrial and planetary geosciences. Students are encouraged to cross subject boundaries and pursue new understandings of Earth and the solar system. The geological sciences PhD program prepares students for academic and professional careers in geological science fields such as geochemistry, field geology, geomorphology, structure and tectonics, mineralogy and petrology, geophysics, planetary geology, hydrology, volcanology, Earth observation and remote sensing, and related areas, including geoscience education.

At a Glance

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

Degree Requirements

84 credit hours, a written comprehensive exam, an oral comprehensive exam, a prospectus and a dissertation

**Required Core (1 credit hour)**
SES 502 Exploring SESE Research (1)

**Electives or Research (70 credit hours)**
Other Requirements (1 credit hour)
SES 501 SESE Colloquium (1)

Culminating Experience (12 credit hours)
SES 799 Dissertation (12)

Additional Curriculum Information
When approved by the students supervisory committee and the Graduate College, this program allows 30 credit hours from a previously awarded master's degree in a related field to be used for this degree. Substitutions for Other Requirements may be made per department approval.

Admission Requirements

Applicants must fulfill the requirements of both the Graduate College and The College of Liberal Arts and Sciences.

Applicants are eligible to apply to the program if they have earned a bachelor's or master's degree, in any field, from a regionally accredited institution.

Applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in the last 60 hours of their first bachelor's degree program, or applicants must have a minimum cumulative GPA of 3.00 (scale is 4.00 = "A") in an applicable master's degree program.

All applicants must submit:

1. graduate admissions application and application fee
2. official transcripts
3. statement of purpose
4. GRE scores
5. three letters of recommendation
6. proof of English proficiency

Additional Application Information
An applicant whose native language is not English must provide proof of English proficiency regardless of current residency.

Application Deadlines

Fall
Contact Information

School of Earth and Space Exploration | ISTB4 795
sse-grad@asu.edu | 480-965-5081
Admission Deadlines