



Arizona State University (Tempe campus)

Geological Sciences, MS

Study details

Course type: Master's degree

Degree: Geological Sciences, MS LAGEOSCMS

Study mode: Full time

Duration: 24 Month

Cost of study

Cost : 38 526 USD

Reg. fee : 115 USD

Scholarship :

Insurance : 2 765 USD

Intake/s

Jan/May/Aug

Requirements

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 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.

All applicants must submit:

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

Additional Application Information

An applicant whose native language is not English must provide proof of English proficiency (*TOEFL 80 (no band below 20) (IELTS 6.5 at least 6.0 in all skills)*) regardless of their current residency.

Applicants should see the program website for application deadlines.

Accommodation

Provided by partner agencies;

On-campus housing and meals \$18,933

Speciality

STEM-OPT for international students on F-1 visas

This program may be eligible for an Optional Practical Training extension for up to 24 months. This OPT work authorization period may help international students gain skills and experience in the U.S. Those interested in an OPT extension should review ASU degrees that qualify for the STEM-OPT extension at ASU's International Students and Scholars Center website.

The OPT extension only applies to students on an F-1 visa and does not apply to students completing a degree through ASU Online.

Additional information

Program description

Degree awarded: MS Geological Sciences

The MS program in geological sciences is designed to provide fundamental graduate training in geology. Students are encouraged to cross subject boundaries and pursue new understandings of Earth and the solar system.

Career opportunities

Graduates of the program are prepared for further graduate study or for careers in 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.

Professionals with expertise in geological sciences are in high demand across sectors and industries, including remote sensing, natural resource management, data science, economic geology (oil and mining industries), environmental consulting, hazard and risk assessment, geophysics and planetary science. Coding and numerical modeling skills translate across many domains, even beyond geosciences. Skills in the measurement and analysis of data related to the physics, chemistry and structures of the Earth and of planetary systems are valuable to businesses and institutions relying on data-driven strategies to interact with the planet and explore beyond the Earth.

Career examples include:

- data scientist
- environmental consultant
- GIS or mapping specialist
- materials analyst
- planetary scientist
- research geologist

Some students go on to doctoral programs in the field of geological sciences.