

Master of Science - Geoscience

The Master of Science degree in Geoscience is designed to prepare students for a broad range of challenging careers in government service, private consulting, and industry. This thesis-based degree program also serves as a stepping stone for students who wish to pursue further graduate studies at the doctoral level. Working closely with their advisor, students focus on original research in one of several areas of specialization, including: petrology, volcanology, economic geology, structural geology, sedimentology, geochemistry, hydrology, soil science, climate change, petroleum geology, planetary science, medical geology, astrobiology, and paleontology. Students are expected to develop original research suitable for submission to a refereed scientific journal. Students are expected to have strong content knowledge in their area of emphasis, which is tested during the culminating defense of their thesis research.

Program Highlights

- Strong and well-recognized M.S. program with an established history of placing graduates in the job market
- Faculty available as advisors who are conducting research in a wide variety of areas within Geoscience
- Southern Nevada and surrounding states offer diverse geologic features for research
- Numerous internal scholarships
- Extensive array of analytical laboratories

Career Possibilities

- Federal agencies
- Environmental consulting
- Oil and gas
- Mining
- And many more!

Representative Courses

- Principles of Stratigraphy and Sedimentation
- Radiogenic Isotope Geochemistry
- Vadose Zone Hydrology
- Sedimentary Basins
- Hydrogeology

Admission Requirements

(Please see the Graduate Catalog for a complete list of requirements.)

Graduate College Requirements

- Four-year bachelor's degree from a regionally accredited institution or an approved equivalent
- Minimum overall grade point average of 2.75 (4.00=A) for the bachelor's degree or minimum 3.00 (4.00=A) for the last two years (60 semester hours)
- Transcript from each postsecondary institution attended. If the institution is outside the U.S. a foreign credential evaluation may be required.
- International applicants only: proof of English proficiency

Plan Requirements

- A bachelor's degree in Geology or equivalent

Application Deadline

- Feb. 1 (Fall)
- Oct. 1 (Spring)

Program Cost

Visit unlv.edu/cashiering to estimate the cost of this program.

Credits Required to Graduate

30

Contact Us

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