

Doctor of Philosophy - Geoscience

The Doctor of Philosophy degree in Geoscience is designed to prepare students for demanding research-oriented careers in academia, government service, private consulting, and industry. Working closely with their advisors, students focus on original research in an emphasis area. Research expectations are high – students are expected to develop original lines of research that will lead to three or more original manuscripts that are suitable for submission to a refereed scientific journal. Students are expected to have strong content knowledge in their area of emphasis and three additional sub-disciplines of the geologic sciences. Fundamental knowledge levels are tested first in a diagnostic interview that is used to guide coursework taken by the student, and then later in a comprehensive exam.

Program Highlights

- Good job placement of graduates in academia and high-paying industry positions
- 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

- Academia
- Government service
- Private industry

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

- For the post-bachelor's track: A bachelor's degree in Geology or equivalent
- For the post-master's track: A master of science 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

36-60

Contact Us

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