

GEOSCIENCES



Bachelor of Science in Geosciences

At the University of Houston-Downtown, our Geosciences degree programs prepare students for careers in science-related fields and graduate studies with three exciting concentrations.

The **Environmental Geology** concentration, a set of courses specific to geology and environmental-related topics, is designed to meet the needs of those interested in graduate studies in geology, environmental sciences and careers in the environmental industry.

The **Geochemistry** concentration is structured for students who are interested in graduate work in geology or geochemistry and careers in the earth science-related industry that requires knowledge of geochemistry-related issues. Valuable courses include: mineralogy; petrology; structural geology; physical sciences; mathematics; engineering; and computer science.

The **Petroleum Geotechnology** concentration is designed for those interested in graduate work in geology and careers in the oil and gas industry that requires knowledge of petroleum-related issues. Valuable courses include: paleontology; stratigraphy; mineralogy; petrology; structural geology; mathematics; engineering; and technical report writing.

About the Program

The Bachelor of Science degree in Geoscience is a 120-credit-hour program that provides a broad-based curriculum in liberal arts, natural sciences, and courses specific to the chosen concentration.

Getting Started

- 1. Apply for Admissions**
applytexas.org
- 2. Apply for Financial Aid**
fafsa.ed.gov
- 3. Fulfill Testing Requirements**
uhd.edu/testing
- 4. Get Advised and Register**
uhd.edu/academics/advising
- 5. Pay for Classes**
uhd.edu/students-resources/cashiers
- 6. Prepare for Class**

For more information, visit:
uhd.edu/admissions/apply

Median Salary

According to the U.S. Department of Labor Bureau of Labor Statistics (BLS), the national average salary for: Environmental Engineer is **\$84,890**; Geoscientist is **\$89,780**; Hydrologist is **\$80,480**; Meteorologist is **\$92,460**; Post Secondary Teacher is **\$75,430**; Land Surveyor is **\$59,390**.

Earn Your Degree

- Downtown

Contact

University of Houston-Downtown
713-221-8019 • ns@uhd.edu
uhd.edu/Geosciences

Affiliated Student Organizations

The **Chemistry Club** is open to students interested in chemistry and polymers, and science in general. It also encourages students who wish to pursue doctoral or professional studies in the related fields.

The **Environmental Club** aims to raise awareness on environmental issues within UHD and the surrounding community.

The **UHD Geological Society (UHDGS)** strives to continue fulfilling its mission to advance the knowledge of our students and our surrounding community in the field of Earth sciences.

The **Student Chapter of the American Association of Petroleum Geologists (AAPG)** plays a critical role by providing an avenue where undergraduate and graduate geology students can engage in meaningful networking opportunities, and connect with professionals in geological careers, both inside and outside of academia.



Career Options

There are a number of career options to choose from in the field of Geosciences; and many graduates work for large oil companies or independent companies. Most geoscientists divide their time between working in offices, laboratories, refineries, and in the field. Depending on the area of interest students study within their degree, career options include:

