

Geosciences- Environmental Geology

What can I do with this major?



Related Career Titles

Search for potential careers/jobs in your field with these positions.

- Environmental Engineer
- Geologist/Paleontologist
- Geophysicist
- Hydrologist
- Reservoir Manager
- Water Quality Specialist
- Water Resource Planner
- Weather Reporter
- Earth Science Teacher (K-12)
- Land Surveyor
- Science Writer

Professional Organizations

Affiliate yourself with groups to network and learn about the field

- ✓ *Environmental Club, UHD group*
- ✓ *Geology Club, UHD group*
- ✓ *Society of UHD Engineers*
- ✓ *Houston Geological Society*
- ✓ *Association of Environmental & Engineering Geologists*
- ✓ *Geological Society of America*
- ✓ *Chemistry Club, UHD group*

Explore Career Specific Websites

www.environmentalscience.org | www.aegweb.org/ | www.americangeosciences.org | www.geosociety.org |
| www.geochemsoc.org | www.aapg.org | www.wqa.org | <http://tbpg.state.tx.us/> | www.aag.org/careers
www.usajobs.gov/StudentsAndGrads

Graduate School Considerations

*Programs not offered at UHD

- Master of Science in Data Analytics
- Master of Arts in Teaching
- Master of Business Administration
- Master of Science in Technical Communication
- Master of Science in Geology*
- Master of Science in Environmental Science*
- Master of Science in Geophysics*
- Master of Science in Atmospheric Sciences*

Community Partnerships

Research local organizations offering field experiences to students pursuing Geosciences Environmental Geology

What is Environmental Geology?

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The Bachelor of Science degree in Geosciences with a concentration in Environmental Geology provides broad-based curriculum and a set of courses specific to geology and an environmental focus. The program is designed to meet the needs of those interested in graduate studies in geology, environmental sciences and careers in the environmental industry that require knowledge of environment-related issues.

Interested in discussing your career path possibilities?

Visit S-402 or
Call 713-221-8980
The [Career Development Center](#)

KELLY R. JONES

Channelview, TX ▪ 832-555-1234 ▪ kellyjones@.com

SUMMARY

Highly motivated Geology major with an excellent work ethic with demonstrated attention to detail out in the field. Selected as a participant in the Geology Internship for the Black Hills National Park, a prestigious internship program with over 1200 applicants of which only three are selected each year.

SKILLS

Laboratory: Differential scanning calorimetry (DCS), Thermogravimetric analyses (TGA), Mass Spectrometry (MS), Optical Microscopy (OP), Small angle light scattering (SALS), Thermo-mechanical analyses (TMA)

Field: Sampling, mapping and cross sectioning, Brunton style compass, ore spotting, ore boundary markouts and trenching

Software: InSite, SiteWork, GIS, Microsoft Word and Excel

EDUCATION

Bachelor of Science in Geoscience with Geochemistry concentration, May 2016
University of Houston-Downtown, Houston, TX
GPA: 3.75
Honors: Dean's List 5 out of 6 semesters

RELEVANT COURSEWORK:

Sedimentary Petrology, Igneous and Metamorphic Petrology, Groundwater Geochemistry, Geophysics, Engineering Geology Optical Mineralogy

RELATED EXPERIENCE

Summer Intern, May 2015-August 2015

Black Hills National Park, Black Hills, South Dakota

- Participated in the computerized study of rock composition and deterioration of the Black Hills National Monument
- Developed seismographic program to measure the deterioration factor of various rock strata to assist researchers in analyzing compounds for repair and upkeep of the monument
- Launched the "Friends of the Monument" project as a Web-based newsletter to provide information for frequent visitors and travelers to the site

Geology Department Lab Assistant, August 2015-Present

University of Houston-Downtown, Houston, TX

- Responsible for lab preparation and cleanup; assist professors in grading lab experiments
- Developed several new experiments for Introduction to Geology lab

LEADERSHIP AND CAMPUS INVOLVEMENT

Geology Club - Vice President, 2015-Present