

Geosciences - Petroleum Geotechnology

What can I do with this major?



Related Career Titles

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

- Petroleum Engineer
- Petroleum Technicians
- Geotechnicians
- Chemical Engineers
- Mineralogist
- Reservoir Geologist
- Geochemist
- Biochemist
- Geophysicist
- Physical Chemist
- Organic Chemist
- Analytical Chemist

Professional Organizations

Affiliate yourself with groups to network and learn about the field

- ✓ *Society of UHD Engineers*
- ✓ *American Association for Petroleum Geologists*
- ✓ *Society of Petroleum Engineers*
- ✓ *Society of Petrophysicists & Well Log Analysts, (SPWLA)*
- ✓ *Association for Women Geoscientists*
- ✓ *Texas Board of Professional Geoscientists*
- ✓ *Houston Geological Association*

Explore Career Specific Websites

www.aapg.org | www.americangeosciences.org | www.geosociety.org
| www.aag.org/careers | www.usajobs.gov/StudentsAndGrads | www.spegcs.org/
www.geochemsoc.org | <http://tbpg.state.tx.us/> | www.spwla-houston.org/ | www.acs.org

Graduate School Considerations

*Programs not offered at UHD

- Master of Business Administration
- Master of Science in Data Analytics
- Master of Science in Technical Communication
- Master of Science in Geology*
- Master of Science in Petroleum Engineering*
- Master of Science in Geophysics*
- Master of Science in Geochemistry*
- Master of Science in Mineralogy*

Community Partnerships

Research local organizations offering field experiences to students pursuing Geosciences Petroleum Geotechnology

BP | ECS | ExxonMobil | Baker Hughes

What is Petroleum Geotechnology?

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The Bachelor of Science degree in Geosciences with Petroleum Geotechnology provides broad-based curriculum and a set of courses specific to geology and a petroleum geotechnology focus. This concentration requires several courses that cover a broad range of petroleum and petroleum industry-related topics. The degree is designed to meet the needs of those interested in graduate work in geology and careers in the oil and gas industry that requires knowledge of petroleum-related issues.

Interested in discussing your career path possibilities?

Visit S-402 or

Call 713-221-8980

The [Career Development Center](#)

KELLY R. JONES

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SUMMARY

Highly motivated individual with an excellent work ethic and demonstrated clear attention to detail. Ability to learn and understand tasks quickly while performing under pressure, both independently and as part of a team. 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.

EDUCATION

B.S. 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

Engineering Geology

Geophysics

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

- Prepare and clean up geology labs; assist professors in grading lab experiments
- Developed several new experiments for Introduction to Geology lab

SKILLS

- Sampling and storing drill core, data entry, ore spotting, ore boundary markouts and trenching
- Software: InSite SiteWork, GIS, Microsoft Word and Excel

LEADERSHIP AND CAMPUS INVOLVEMENT

Geology Club - Vice President, 2015-Present

- Coordinated three fundraising events resulting in a \$450 net profit for annual scholarship fund

Geology Club, Member, 2013-Present