The 13-15 credit hour Petroleum Geology Certificate will provide students with a competitive advantage in beginning a career in the oil and gas industry or pursuing entrance into a graduate degree program within the field of petroleum geoscience. The certificate is designed to enhance both critical thinking and the technical skills for practicing petroleum geoscience.

Required core courses (7 credits):
- EARTHSC 5661: Petroleum Geology (4)
- EARTHSC 5189.01: Field Geology I (3) Summer term

Elective courses (6-8 credits):
In addition, students will select two more courses (6-8 credits) listed below.
- EARTHSC 5189.02: Field Geology II (3) Summer term
- EARTHSC 4560: Applied Geophysics (3)
- EARTHSC 5687: Borehole Geophysics (3)
- EARTHSC 5751: Quantitative Reservoir Modeling (4)
- EARTHSC 5780: Reflection Seismology (4)

Students with prior comparable field geology coursework may substitute an additional elective in place of EARTHSC 5189.01.

Petroleum Geology Certificate program guidelines

The following guidelines govern the Petroleum Geology Certificate. Required for certificate:

Credit hours required: 13-15 credit hours.

Overlap with a major
- The certificate must be in a different subject than the major.
- Max 50% overlap with degree program (i.e. major, minor, other certificate, or GE)

Grades required
- Minimum C- for a course to be listed on the certificate.
- Minimum 2.00 cumulative point-hour ratio required for the certificate.

X193 credits: Not permitted.

Certificate Completion: If the certificate is not complete on the DAR, the student must consult with the College of Arts and Sciences Coordinating Advisor.

Filing the certificate program form: The certificate program form must be filed at least by the time the graduation application is submitted to a college/school counselor.