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.

**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.