

COLLEGE OF ARTS AND SCIENCES  
THE OHIO STATE UNIVERSITY

**TYPE 1B, 2, 3 PETROLEUM GEOLOGY CERTIFICATE (PETRGeo-CT)**

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Coordinating Advisor: Professor Matthew Saltzman,  
saltzman.11@osu.edu

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.

Changing the certificate: Once the certificate program is filed in the college office, any changes must be approved by the College of Arts and Sciences Coordinating Advisor.

School of Earth Sciences undergraduate advisor:

Dr. Karen Royce, royce.6@osu.edu

School of Earth Sciences graduate advisor:

Professor Michael Durand, durand.8@osu.edu