

COLLEGE OF ARTS AND SCIENCES  
THE OHIO STATE UNIVERSITY

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

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**

Credit hours required: 13-15 credit hours.

Overlap with courses in a degree

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

X193 credits: Not permitted.

Certificate Completion: If the certificate is not complete on the DAR, the student must consult with the Coordinating Advisor.

Consult with Coordinating Advisor

- For filing deadlines.
- For changes or exceptions to a certificate plan.

Undergraduate certificate program:

Coordinating Advisor: Professor Ashley Griffith, 381 Mendenhall Labs, Columbus, OH 43210; [griffith.233@osu.edu](mailto:griffith.233@osu.edu)

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

Graduate certificate program:

Coordinating Advisor: Professor Steve Lower, 084 Orton Hall, [lower.9@osu.edu](mailto:lower.9@osu.edu); 614-292-1571

- Course selections must be numbered 4000+ outside the student's home unit and 5000+ within the home unit.
- Minimum C- for a course to be listed on the certificate.
- Minimum 3.00 cumulative point-hour ratio required for the certificate.

College of Arts and Sciences.  
Curriculum and Assessment Services  
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