**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**

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, 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

* 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

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* 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.