Petroleum Engineering (B.S.)

Tap into a field growing twice as fast as the national average.

UND's Petroleum Engineering program, the only one in North Dakota, prepares you to enter a rapidly growing field critical to the state's economy. The program, designed with industry input, offers hands-on experience that gives you the technical skills to recover oil and gas from new and existing resources, and the insight you'll need to address future industry challenges.

Program Snapshot

Program type: Major
Format: On-campus or online
Est. time to complete: 4 years (6+ online)
Credit hours: 129

Why Study Petroleum Engineering at UND?

North Dakota is the nation's second-largest leading producer of oil, a status driven by advances in recovering resources from the enormous Williston Basin. We're committed to educating the next generation of petroleum engineers, who will not only fulfill today's demand for domestic oil but lead the way to discovering safe, reliable and affordable new ways of continuing this growth tomorrow.

You'll receive a thorough grounding in chemistry, engineering, geology and physics while also learning about ethics, safety, communications and other skills necessary to pursuing an entry-level job in the field. In addition, you'll get a firm understanding of the issues affecting the industry, including science and technology; economics and business; policy and regulation; and society and behavior.

Accreditation
Accredited by the Engineering Accreditation Commission of ABET.

Priority Application Deadlines

**FALL:** Feb. 1* (freshmen) | April 15* (transfer students)

**SPRING:** Dec. 1

**SUMMER:** April 1

*academic scholarship priority deadline

Outcomes

**128K**
Median salary in 2016 for a petroleum engineer in the U.S.*

**15%**
Expected growth in demand for petroleum engineers by 2026 - much faster than the average for all careers*

*U.S. Bureau of Labor Statistics

Petroleum engineers are in great demand: More than 90 percent of our graduates find jobs. Employers of petroleum engineers are involved in the following fields:

- Petroleum exploration
- Geologic formation characterization
- Drilling and fracturing
- Computer simulation
- Equipment and process design to optimize recovery
- Monitoring of production and processing

In addition, petroleum engineers are involved in refining, petro-chemical production and transportation of products, as well as geosciences, environmental efforts and international commerce.