300+ Merit-based scholarships offered each year to CEAS students

3.6 Average unweighted GPA for incoming CEAS freshman

20:1 Student-faculty ratio

54% Percentage of UW students who graduate debt-free

$72,119 Average starting salary for CEAS graduates

3 Residence hall floors with a computing laboratory are designated for engineering students only

25+ Recognized CEAS student organizations

Get involved in Tau Beta Pi (TBP), Society of Women Engineers (SWE), Society of Petroleum Engineers (SPE), American Association of Drilling Engineers (AADE), International Association of Drilling Contractors (IADC), and many more!

Why UW?

Contact Information

Phone: (307) 766-4258
Email: pete-info@uwyo.edu
uwyo.edu/petroleum

1000 E. University Ave.
Laramie, WY 82071

Find great stories about our students, faculty and staff!

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Highly relevant programs that are tightly connected to industry needs – supported by outstanding faculty and research facilities.

Petroleum Engineering
uwyo.edu/petroleum
PetroLeum EnGiNeeriNg

InvolveS All Aspects of Oil Exploration and Development, Upstream and Downstream, from Drilling and Completions to Identifying and Characterizing Reservoirs, and All Areas of Production.

Petroleum engineers also find new ways to extract oil and gas from older wells and employ new technology to uncover resources that just several years ago were unimaginable. UW offers courses that prepare students for careers in petroleum and energy-related fields. Our state-of-the-art equipment and facilities provide higher levels of research capabilities in all degree programs. In addition, our award-winning faculty create innovative and rigorous research and development opportunities for graduate study. Because of U.S. predominance in petroleum technology, career opportunities are available all over the world.

WHAT IS PETROLEUM ENGINEERING?

Petroleum engineering is based upon sound preparation in mathematics, physics, chemistry and geology. Petroleum engineers combine these fundamentals with computer programming, materials science, fluid mechanics and thermodynamics to develop and apply new technology to recover hydrocarbons from conventional and unconventional reservoirs, including oil shale, tight gas sands, tar sands and offshore oil and gas fields.

CAREERS IN PETROLEUM ENGINEERING:

Petroleum engineers work in upstream and downstream oil and gas industries around the world as reservoir engineers, field engineers, drilling engineers, production engineers, and many other specialized roles. They play a critical role in extracting oil and gas and identifying opportunities to optimize production and profitability. The profession has evolved to solve increasingly difficult situations as conventional reservoirs have been depleted.

DID YOU KNOW?

$156,780
Average annual salary for petroleum engineers in 2019

Cutting-edge research
Researchers strive to bridge the gap between fundamentals of porous media flow systems and the needs of industry.

Jobs
Our graduates are hired by major industry companies including BP, ExxonMobil, Chevron, Hess, Sinclair and many others.

DEGREE PROGRAMS

Bachelor of Science in Petroleum Engineering
BS/MS Quickstart in Petroleum Engineering
Master of Science in Petroleum Engineering
Dual MS/MBA in Petroleum Engineering
Doctor of Philosophy in Petroleum Engineering

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