Why UW?

300+ Merit-based scholarships are offered each year

90% of CEAS courses are taught by engineering faculty

18:1 Student-faculty ratio (plus, average class size of 28)

93% rate of employment in student’s chosen field w/in six months of graduation

5–12% of seniors pass the fundamentals of engineering exam above average

Why UW? Contact Information

1000 E. University Ave. Laramie, WY 82071
Phone: 307-766-4258
Email: pete-info@uwyo.edu
uwyo.edu/petroleum

Petroleum Engineering Faculty

Hertanto Adidharma
Ph.D., Louisiana State University, 1999

Doug Cuthbertson
B.S., University of Wyoming, 1985

Morteza Dejam
Ph.D., University of Calgary, 2015

Tawfik Elshehabi
Ph.D., West Virginia University, 2017

Maohong Fan
Ph.D., Osaka University, 2003

Khaled A.M. Gaseem
Ph.D., Oklahoma State University, 1986

Lamia Gousal
Ph.D., Imperial College London, England, 2003
A.J. Castagne in College of Engineering & Applied Science

Mohammad Piri
Ph.D., Imperial College London, England, 2004
WY Excellence Chair in Petroleum Engineering

Soheil Saraji
Ph.D., University of Wyoming, 2013

Pejman Tahmasebi
Ph.D., University of Southern California, 2012

Brian Toelle
Interim Department Head
Ph.D., West Virginia University, 2013

Petroleum Engineering

uwyo.edu/petroleum

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

Recognized engineering student organizations get involved in Pi Epsilon Tau (Petroleum Honor Society), SPE (Society of Petroleum Engineers), AADE (American Association of Drilling Contractors), Tau Beta Pi (Engineering Honor Society), and many more.
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 can work in the upstream oil and gas industries around the world as reservoir engineers, drilling engineers and production engineers. 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?

$132,280


↑ 15%

PETROLEUM ENGINEERING JOBS ARE PROJECTED TO GROW 15% BY 2026.

CUTTING-EDGE RESEARCH

RESEARCHERS STRIVE TO BRIDGE THE GAP BETWEEN FUNDAMENTALS OF POROUS MEDIA FLOW SYSTEMS AND THE NEEDS OF INDUSTRY.

Find out more at uwyo.edu/petroleum