WHY UW?

300+ MERIT-BASED SCHOLARSHIPS ARE OFFERED EACH YEAR

90% OF CEAS COURSES ARE TAUGHT **BY ENGINEERING FACULTY**

20:1 **STUDENT-FACULTY RATIO** (PLUS, AVERAGE CLASS SIZE OF 28)

93% STUDENT JOB PLACEMENT RATE WITHIN SIX MONTHS OF GRADUATION

55% PERCENTAGE OF UW STUDENTS WHO GRADUATE DEBT FREE

3 RESIDENCE HALL FLOORS WITH A COMPUTING LABORATORY ARE DESIGNATED FOR ENGINEERING STUDENTS ONLY

25+ **RECOGNIZED ENGINEERING STUDENT ORGANIZATIONS**
GET INVOLVED IN PI EPSILON TAU (PETROLEUM HONOR SOCIETY), SPE (SOCIETY OF PETROLEUM ENGINEERS), AADE (AMERICAN ASSOCIATION OF DRILLING ENGINEERS), IADC (INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS), TAU BETA PI(ENGINEERING HONOR SOCIETY) AND MANY MORE.

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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UW
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PETROLEUM ENGINEERING

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PETROLEUM ENGINEERING

INVOLVES ALL ASPECTS OF OIL EXPLORATION AND DEVELOPMENT, FROM IDENTIFYING AND CHARACTERIZING THE RESERVOIR THROUGH DRILLING AND COMPLETION TO 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 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

AVERAGE ANNUAL SALARY FOR PETROLEUM ENGINEERS IN 2018

↑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.

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

Find out more at uwyo.edu/petroleum