

DEPARTMENT OF PETROLEUM ENGINEERING

PETROLEUM.MINES.EDU



HELPING SOLVE SOCIETY'S GRAND CHALLENGES

The primary objectives of petroleum engineering are the safe and environmentally sound exploration, evaluation, development and recovery of oil, gas, geothermal and other fluids in the earth.

Petroleum engineers can do hands-on work drilling, work extensively on computers doing simulations or data analytics, or delve into why and how rocks, gases and fluids react to various stimuli.

5-10

National lab partners

40+

Industry partners

\$75,863

Average starting salary*

STUDENT ORGANIZATIONS

- Society of Petroleum Engineers
- The American Association of Drilling Engineers
- The American Rock Mechanics Association
- Pi Epsilon Tau National Honors Society



CHEVRON SHORT COURSE SERIES

The Chevron Short Course Series provides intensive one or two day courses in software or skills that will be beneficial to seniors about to enter the workforce. Previous short course topics have included Sucker Rod Pumping Fundamentals, Decline Curve Analysis, Big Data Analytics, Aries, Fracture Design and Introduction to Numerical Simulation.

Information is from the 2016-17 Mines Career Center Outcomes Survey

AREAS OF STUDY

DEGREES OFFERED

- ✓ **Petroleum Engineering**
Bachelor's, Master's and PhD offered

MINORS

- + Midstream
- + Petroleum Data Analytics
- + Petroleum Engineering

COMBINED DEGREE PROGRAM

- ✦ Begin work on a master of science degree while completing a bachelor's degree.

FIELD SESSIONS

Two summer sessions, one after the completion of the sophomore year and one after the junior year, are important parts of the educational experience. The first is a one-week session designed to introduce the student to the petroleum industry, while the second two-week session is an in-depth study of the Rangely Oil Field and surrounding geology in Western Colorado.

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Research groups or consortia for students to do hands-on research and work with industry partners.