

# DEPARTMENT OF PETROLEUM ENGINEERING

PETROLEUM.MINES.EDU



## HELPING SOLVE SOCIETY'S GRAND CHALLENGES

The primary objectives of petroleum engineers are the safe and environmentally sound exploration, evaluation, development and recovery of oil, gas, geothermal and other fluids in the earth. Common tasks for petroleum engineers include: hands-on work drilling, as well as extensive computer simulation, data analytics and exploration as to why and how rocks, gases and fluids react to various stimuli.

5-10

National lab partners

40+

Industry partners

\$87,083

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 benefit seniors entering the workforce. Previous short course topics have included Sucker Rod Pumping Fundamentals, Decline Curve Analysis, Big Data Analytics, Aries and Fracture Design and Introduction to Numerical Simulation.

## AREAS OF STUDY

### DEGREES OFFERED

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

### MINORS

- + **Petroleum Data Analytics**  
Master's certificate also offered
- + **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 students to the petroleum industry, while the second session is a two-week 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.