In the Department of Petroleum and Geosystems Engineering, we are advancing sustainable oil and gas production technologies that power the world. With a long history of educating many of the industry’s leading innovators and top executives, we continue to provide students with extraordinary educational opportunities that equip them with the skills and experience necessary to succeed.

### Areas of Focus

- Drilling, Well Completion and Rock Mechanics
- Enhanced Oil Recovery
- Environmental Engineering
- Formation Evaluation
- Geologic Carbon Storage
- Nanoparticle Engineering for Subsurface Processes
- Natural Gas Engineering
- Production Engineering
- Reservoir Engineering
- Unconventional Resources

### DEGREES AWARDED 2015-16

- 140 Bachelor’s degrees
- 51 Master’s degrees
- 18 Doctoral degrees

### 2015-16 Research Expenditures

$16 Million

### Recent Research Highlights

- **Professor and department chair Jon Olson’s earthquake model** could help companies assess potential earthquake magnitude based on injection well rate and fault size.

- The **real-time drilling operations center** developed by professor Eric van Oort analyzes data streamed from industry drilling rigs. By revealing drilling inefficiencies, the program could save corporate partners millions of dollars.

- Assistant professor Hugh Daigle is **developing 3D predictive models** to locate and evaluate methane hydrates, a potential natural gas resource.

### After Graduation

**Average Starting Salary**

$81,600

89 percent of undergraduates secure employment or immediately enroll in a graduate program after graduation.

One in 10 petroleum and geosystems engineering alumni serves in an executive-level position in industry.

### Nation’s Best Program

U.S. News & World Report Program Rankings

- #1 Undergraduate Petroleum Engineering
- #1 Graduate Petroleum Engineering

### Preparing Students for Industry Success

At the First-Year Fall Retreat, students hear industry insights and meet their peer mentors before the semester begins. **Upperclassmen mentors** help new students achieve their academic goals during their first year on campus.

Each spring, the **Freshman Professional Development Workshop Series** connects first-year students with faculty and industry representatives to learn how to successfully find and obtain internships.

In assistant professor Maša Prodanovic’s **new study abroad program in Croatia**, students solve geological engineering problems through computer programming while studying the country’s unique geological formations. Participants also attend an international oil and gas conference.

**Learn more at pge.utexas.edu**

**Updated October 2016 based on current data**