

HILDEBRAND DEPARTMENT OF

Petroleum and Geosystems Engineering

QUICK FACTS

UNDERGRADUATE ENROLLMENT	434
Black	17
Hispanic	116
Women	106

GRADUATE ENROLLMENT	145
Women	31
International	120

TENURE/TENURE-TRACK FACULTY	20
National Academy of Engineering members	5
Society of Petroleum Engineers distinguished members.....	16
National Science Foundation CAREER Award recipients.....	2
Annual published journals and conference papers	272

DEGREES AWARDED 2024-2025	
Bachelor's	70
Master's	17
Doctoral	19

AVERAGE STARTING SALARY,
B.S. GRADUATES

\$104.5_k

In the Hildebrand Department of Petroleum and Geosystems Engineering, our engineers power the world. As students, they learn from and conduct research with top academic minds and industry leaders in subsurface engineering, from traditional oil and gas to geothermal energy, carbon capture and storage, hydrogen storage, methane emissions mitigation, AI, data analytics and more. When they graduate, UT PGE engineers are equipped to tackle the earth's complex resource challenges and lead the way to a sustainable and equitable energy future.

DEPARTMENT HIGHLIGHTS

- » Best petroleum engineering program in the world as ranked by Quacquarelli Symonds.
- » Home of \$50 million Energy Emissions Modeling and Data Lab.
- » Sustainable energy minor and study abroad program in Norway.
- » Energy AI Hackathon with industry experts as mentors and judges.
- » Faculty recognized with international awards for teaching and research.
- » Hands-on Summer Undergraduate Research Internship (SURI) program.
- » Eight energy-specific student organizations just for UT PGE.

NO. 2 UNDERGRADUATE PROGRAM
NO. 1 GRADUATE PROGRAM

U.S. News & World Report



\$11.3M

IN RESEARCH EXPENDITURES

SELECT RESEARCH AREAS

- Carbon capture and storage
- Energy AI and machine learning
- Enhanced oil recovery
- Geothermal energy
- Hydrogen storage and distribution
- Methane emissions mitigation
- Natural gas engineering
- Drilling and completions
- Energy economics and policy
- Formation evaluation
- Natural gas engineering
- Petrophysics
- Reservoir simulation
- Rare earth elements
- Unconventional resources

Last updated October 2025



The University of Texas at Austin
Hildebrand Department of Petroleum
and Geosystems Engineering
Cockrell School of Engineering

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