HILDEBRAND DEPARTMENT OF

Petroleum and Geosystems Engineering

NO. 2 UNDERGRADUATE PROGRAM

NO. 1 GRADUATE PROGRAM

U.S. News & World Report

$10.2M IN RESEARCH EXPENDITURES

QUICK FACTS

UNDERGRADUATE ENROLLMENT	**401**
Black	16
Hispanic	98
Women	90
GRADUATE ENROLLMENT	**144**
Women	32
International	119
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 2023–2024	
Bachelor's	64
Master's	16
Doctoral	20

AVERAGE STARTING SALARY, B.S. GRADUATES

$100K

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 Croatia
- Energy AI Hackathon with industry experts as mentors and judges
- Energize Program research grants for faculty focused on carbon capture
- Hands-on Summer Undergraduate Research Internship (SURI) program
- Workforce Initiative program that awards $210,000+ in annual scholarships

RESEARCH AREAS

OIL AND GAS

- Petrophysics and Formation Evaluation
- Drilling, Production and Operations
- Reservoir Engineering and Enhanced Oil Recovery

THE ENERGY TRANSITION

- Geothermal Energy
- Carbon Capture and Storage
- Hydrogen Storage and Distribution

ENERGY DATA, ECONOMICS AND POLICY

- Engineering Data Science
- Energy Systems/Supply Chain Analysis
- Emissions Monitoring and Reduction

Last updated October 2024

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

PGE.UTEXAS.EDU