The background of the entire page is a photograph of an offshore oil rig at sunset. The sun is a large, bright white circle on the left side, partially obscured by clouds. The sky is a deep orange and yellow. The rig's structure is silhouetted against the bright sky, showing a tall derrick on the right and various platforms and cranes on the left. The overall mood is industrial and powerful.

PETROLEUM ENGINEERING

PETRO.UH.EDU

**LEADING THE INDUSTRY IN
ENERGIZING THE PLANET**

UNIVERSITY of HOUSTON | ENGINEERING

WHAT IS PETROLEUM ENGINEERING?

Wars are fought over it. Global economies would collapse without it. Life as we know it would cease to exist without oil and gas, and petroleum engineers are the only ones who know how to extract it safely from the earth. They solve the most critical and pressing global energy challenges facing humanity, including how to meet increasing global demand for energy while ensuring the safety and cleanliness of our environment.

WHY THE UNIVERSITY OF HOUSTON?

The vision for the UH Cullen College of Engineering petroleum engineering program is to be the center of world-class petroleum engineering education, research and service in the city of Houston, the center of the world's petroleum industry. Petroleum engineering graduate students are taught by leading researchers and industry professionals. Students are prepared to address the challenges of the world's energy needs responsibly, to exceed the evolving expectations of employers in the petroleum and energy industries, to sustain industry leading skills and to be leaders in industry, academia and government.

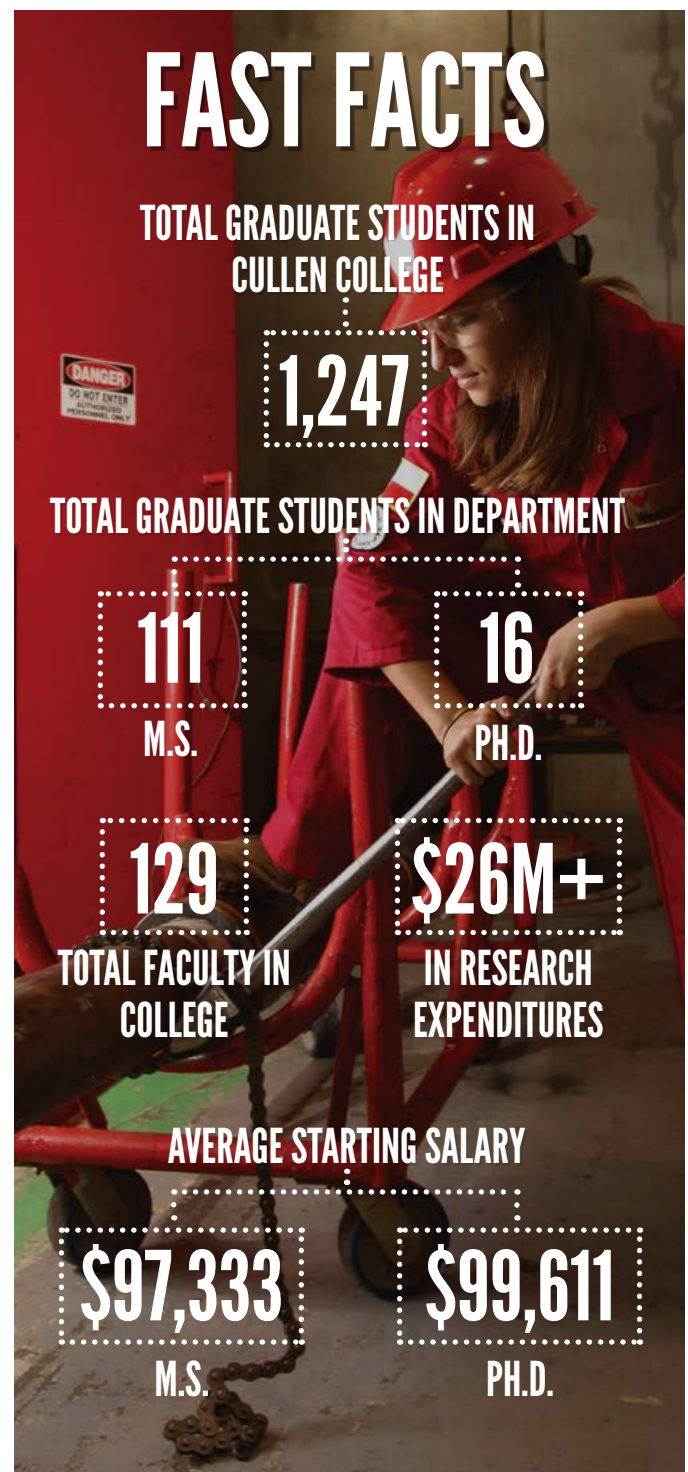
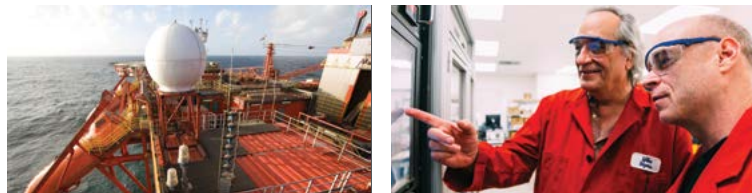
WHAT CAN I DO WITH A PETROLEUM ENGINEERING GRADUATE DEGREE?

Career opportunities for petroleum engineers are fantastic, especially in the city of Houston, the Energy Capital of the World. Employment opportunities are widely available with the major integrated international energy companies and service providers, or the many intermediate and independent oil and gas producers, drilling companies, special equipment companies and industry support companies. Employment can be domestic or international, onshore or offshore, and can involve the most sophisticated intelligent systems and technologies. Early on, it can involve specific technical and operational assignments, and later, engineering and business leadership positions. Petroleum engineers with appropriate experience and knowledge often start their own oil and gas companies.

A 2016 salary survey produced by the National Association of Colleges and Employers found that new graduates with an M.S. in petroleum engineering earn an average starting salary of \$97,333. Payscale.com reports that graduates with a Ph.D. in petroleum engineering earn an average annual salary of \$99,611.

WHAT TYPES OF GRADUATE DEGREES DO YOU OFFER IN PETROLEUM ENGINEERING?

The UH Cullen College of Engineering offers M.S. non-thesis, M.S. thesis and Ph.D. degrees in petroleum engineering.



FOR MORE INFORMATION

For more information on eligibility and admissions requirements, please visit petro.uh.edu/graduate