

UNIVERSITY of HOUSTON | ENGINEERING

GRADUATE CERTIFICATE PROGRAM

UNCONVENTIONAL ENERGY SOURCES

ABOUT THE UNCONVENTIONAL ENERGY SOURCES CERTIFICATE PROGRAM

The certificate program in Unconventional Energy Sources is a specialized certification to meet the current demands of the oil industry for professionals with better understanding of the exploitation and performance of unconventional resources. Tailored for working engineers, courses are delivered asynchronously, meaning students may view recorded lectures at their convenience. Additional guidance and interaction is provided between students and professors in online meet-ups and discussions.



WHY THE UNIVERSITY OF HOUSTON?

Located in the Energy Capital of the World, the University of Houston is arguably the best place to pursue a certificate or a degree in petroleum engineering. Houston is home to more energy professionals than any other city in the world. The UH petroleum engineering department has grown to be the largest program in the Cullen College of Engineering, underlining the ever-growing demand for a highly-skilled petroleum engineering workforce in the city of Houston and beyond.

COURSES AND CURRICULUM

In this certificate, students are required to take the following four courses.

- ▶ **PETR 6332** Reserves Estimation I
- ▶ **PETR 6318** Special Topic: Horizontal Drilling
- ▶ **PETR 6330** Fundamentals of Hydraulic Fracturing
- ▶ **PETR 6397** Unconventional Reservoirs

A description of the courses listed above and all graduate petroleum engineering courses can be obtained from the UH Graduate Catalog:



<http://publications.uh.edu/content.php?catoid=26&navoid=9747>

ADDITIONAL INFORMATION

For degree objectives and application information:
www.petro.uh.edu/graduate/degree

For admission requirements, advising, and other information specific to the petroleum engineering program:
www.petro.uh.edu/graduate

Application forms and other information related to admission can be obtained by e-mailing
masturm@uh.edu or tajohnson@uh.edu

To receive additional information regarding this program contact the Program Advisors:

Anne Sturm

Petroleum Engineering Academic Advisor
Email: masturm@uh.edu

Trina Johnson

Petroleum Engineering Academic Advisor
Email: tajohnson@uh.edu

Petroleum Engineering Department

UH Energy Research Park (ERP)
5000 Gulf Freeway Bldg 9, Room 219
Houston, TX 77204-0945



For more information on UH Engineering's certificate programs, please visit
www.egr.uh.edu/certificate-programs

