The Department of Petroleum Engineering offers graduate degree programs and coursework at both the master’s and doctoral levels. The graduate program in Petroleum Engineering at Texas A&M University is recognized for excellence in teaching and research both nationally and internationally, and this program is consistently rated as one of the best graduate programs in Petroleum Engineering by U.S. News and World Report. Details concerning the faculty, current research projects and technology specialties can be found at our website http://engineering.tamu.edu/petroleum/

Degree Programs

The Department offers traditional MS and PhD degrees that emphasize technical skills and research capabilities and MEng and DEng degrees that emphasize practical engineering skills along with business and management practices. In all degree programs, students who enter with undergraduate degrees (BS or equivalent) in other fields of engineering or closely related study (including physics and geosciences) will be required to take at least three courses from a core curriculum that represents each of the major areas of study in the industry; these courses will count as part of the degree requirement.

Students who enter the program with degrees other than engineering, physics, or geosciences will be required to complete preparatory study at the undergraduate level before beginning graduate coursework. These prerequisite courses will not count toward degree requirements.

Faculty

Abedi Mashhadimighani, Sara, Associate Professor
Petroleum Engineering
PHD, University of Southern California, 2012

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PHD, University of Southern California, 2002

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PHD, The University of Texas at Austin, 2014

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PHD, The University of Texas at Austin, 1992

Masters

• Master of Engineering in Petroleum Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/petroleum/meng/)

• Master of Science in Petroleum Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/petroleum/ms/)

Doctoral

• Doctor of Philosophy in Petroleum Engineering (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/petroleum/phd/)

Certificates

• International Petroleum Management Certificate (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/engineering/petroleum/international-petroleum-management-certificate/)