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

- **Akutlu, Ibrahim Y, Professor**
  Petroleum Engineering
  PHD, University of Southern California, 2002

- **Al-Mohannadi, Nasser, Professor of the Practice**
  Petroleum Engineering-Qatar
  PHD, Colorado School of Mines, 2004

- **Alyafei, Nayef M, Associate Professor**
  Petroleum Engineering-Qatar
  PHD, Imperial College London, United Kingdom, 2015

- **Amani, Mahmood, Professor**
  Petroleum Engineering-Qatar
  PHD, Texas A&M University, 1997

- **Banerjee, Debjyoti, Professor**
  Petroleum Engineering
  PHD, University of California at Los Angeles, 1999

- **Barrufet, Maria A, Professor**
  Petroleum Engineering
  PHD, Texas A&M University, 1987

- **Bastian, Peter A, Professor of the Practice**
  Petroleum Engineering
  MS, Texas A&M University, 1983

- **Blasingame, Thomas A, Professor**
  Petroleum Engineering
  PHD, Texas A&M University, 1989

- **Datta, Akhil, University Distinguished Professor and Regents Professor**
  Petroleum Engineering
  PHD, The University of Texas at Austin, 1992

- **Diyashev, Iskander, Professor of the Practice**
  Petroleum Engineering
  PHD, Texas A&M University, 1998

- **Elbashir, Nimir O, Professor**
  Petroleum Engineering-Qatar
  PHD, Auburn University, 2004

- **Fadlelmula, Mohamed, Instructional Assistant Professor**
  Petroleum Engineering-Qatar
  PHD, Middle East Technical University, 2012

- **Gildin, Eduardo, Professor**
  Petroleum Engineering
  PHD, The University of Texas at Austin, 2006

- **Hasan, Abu Rashid, Research Professor**
  Petroleum Engineering
  PHD, University of Waterloo, 1979

- **Hasçakır, Berna, Associate Professor**
  Petroleum Engineering
  PHD, Middle East Technical University, 2008

- **Hill, Alfred D, Regents Professor**
  Petroleum Engineering
  PHD, The University of Texas at Austin, 1978

- **Jochen, John E, Senior Lecturer**
  Petroleum Engineering
  MS, Texas A&M University, 1993

- **Jochen, Valerie Ann, Professor of the Practice**
  Petroleum Engineering
  PHD, Texas A&M University, 1994

- **Kim, Jihoon, Associate Professor**
  Petroleum Engineering
  PHD, Stanford University, 2010

- **King, Michael J, Professor**
  Petroleum Engineering
  PHD, Syracuse University, 1980

- **Laprea Bigott, Marcelo, Professor of the Practice**
  Petroleum Engineering
  PHD, Texas A&M University, 1979
Lee, William J, Regents Professor
Petroleum Engineering
PHD, Georgia Institute of Technology, 1963

Liang, Jenn T, Professor
Petroleum Engineering
PHD, The University of Texas at Austin, 1988

Maggard, Bryan, Senior Lecturer
Petroleum Engineering
PHD, Texas A&M University, 2000

McVay, Duane A, Professor
Petroleum Engineering
PHD, Texas A&M University, 1994

Medina Cetina, Zenon, Associate Professor
Petroleum Engineering
PHD, John Hopkins University, 2007

Misra, Siddharth, Associate Professor
Petroleum Engineering
PHD, The University of Texas at Austin, 2015

Moridis, George J, Professor
Petroleum Engineering
PHD, Texas A&M University, 1987

Nascentes Alves, Ibere, Professor of the Practice
Petroleum Engineering
PHD, University of Tulsa, 1991

Nasrabadi, Hadi, Associate Professor
Petroleum Engineering
PHD, Imperial College London, United Kingdom, 2006

Noynaert, Samuel F, Associate Professor of the Practice
Petroleum Engineering
PHD, Texas A&M University, 2013

Okoroafor, Esuru, Assistant Professor
Petroleum Engineering
PHD, Stanford University, 2021

RABBANI, HARRIS SAJJAD, Research Assistant Professor
Petroleum Engineering-Qatar
PHD, University of Manchester, 2018

Rahman, Mohammad A, Associate Professor
Petroleum Engineering-Qatar
PHD, University of Alberta, 2010

Retnanto, Albertus, Professor of the Practice
Petroleum Engineering-Qatar
PHD, Texas A&M University, 1998

Rodrigues De Paula Lima, Heitor, Professor of the Practice
Petroleum Engineering
PHD, Texas A&M University, 1998

Schechter, David S, Professor
Petroleum Engineering
PHD, University of Bristol, 1989

Schubert, Jerome, Senior Professor
Petroleum Engineering
PHD, Texas A&M University, 1999
PHD, Texas A&M University, 1999

Seers, Thomas D, Research Assistant Professor
Petroleum Engineering-Qatar
PHD, University of Manchester, 2016

Spath, Jeffrey B, Professor
Petroleum Engineering
PHD, Mining University of Leoben, Austria, 1996

Suarez-Rivera, Roberto, Adjunct Professor
Petroleum Engineering
PHD, University of California - Berkeley, 1992

Sun, Yuefeng, Professor
Petroleum Engineering
PHD, Columbia University, 1994

Voneiff, George W, Professor of the Practice
Petroleum Engineering
MS, Texas A&M University, 1992

Wu, Kan, Associate Professor
Petroleum Engineering
PHD, The University of Texas at Austin, 2014

Zhu, Ding, Professor
Petroleum Engineering
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/)