

QATAR ENGINEERING PROGRAMS

Chemical Engineering Program

Texas A&M University at Qatar offers three graduate degrees: Doctor of Philosophy (PhD), Master of Science (MS), and Master of Engineering (MEng). The PhD and MS degree programs include a significant research component in addition to graduate coursework.

Some research areas available within the program include: process safety, water and environmental management, desalination, gas-to-liquid conversion, applied catalysis, design and simulation of chemical reactors, energy efficiency, process integration and optimization, oil and gas processing, nonlinear modeling, and process dynamics and control. Modern equipment and computational tools are available in numerous laboratories to perform research in these and other areas.

Information about the graduate programs at TAMUQ and specific program requirements is available upon request and at <https://www.qatar.tamu.edu/graduate-studies>. (<https://www.qatar.tamu.edu/graduate-studies/>)

Faculty

Abdalla, Ahmed A, Professor
Chemical Engineering-Qatar Campus
PHD, North Carolina State University, 2001

Abdel-Wahab, Ahmed I, Professor
Chemical Engineering-Qatar Campus
PHD, Texas A&M University, 2003

Akbulut, Mustafa, Associate Professor
Chemical Engineering
PHD, University of California at Santa Barbara, 2007

Al-Hashimi, Mohammed, Research Professor
Chemical Engineering-Qatar Campus
PHD, Queen Mary Westfield College, University of London, 2007

Al-Mohannadi, Dhabia, Engineering Assistant Professor
Chemical Engineering-Qatar Campus
PHD, Texas A&M University, 2019

Al-Rawashdeh, Ma'moun, Engineering Assistant Professor
Chemical Engineering-Qatar Campus
PHD, Technical University of Eindhoven, Netherlands, 2013

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Chemical Engineering
PHD, University of Hong Kong, 1999

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Chemical Engineering
PHD, Texas A&M University, 2004

Balbuena, Perla B, Professor
Chemical Engineering
PHD, The University of Texas at Austin, 1996

Barteau, Mark A, Professor
Chemical Engineering
PHD, Stanford University, 1981

Djire, Abdoulaye, Assistant Professor
Chemical Engineering
PHD, University of Michigan, 2016

Economou, Ioannis, Professor
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PHD, Johns Hopkins University, 1993

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Chemical Engineering
PHD, University of California at Los Angeles, 1990

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Chemical Engineering
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PHD, Auburn University, 2004

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PHD, University of Notre Dame, 2009

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PHD, Massachusetts Institute of Technology, 2007

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Chemical Engineering
PHD, National University of Singapore, 2010

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Chemical Engineering
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Chemical Engineering
PHD, University of Pennsylvania, 1981

Hu, Chelsea, Assistant Professor
Chemical Engineering
PHD, Cornell University, 2018

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Chemical Engineering
PHD, University of California at Irvine, 1998

Jeong, Hae-Kwon, Professor
Chemical Engineering
PHD, University of Minnesota, 2004

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PHD, Aristotle University, 2009

Khan, Faisal, Professor
Chemical Engineering
PHD, Pondicherry University, 1998

Kravaris, Costas, Professor
Chemical Engineering
PHD, California Institute of Technology, 1984

Kwon, Joseph, Associate Professor
Chemical Engineering
PHD, University of California at Los Angeles, 2015

Lele, Pushkar P, Associate Professor
Chemical Engineering
PHD, University of Delaware, Newark, 2010

Linke, Patrick, Professor
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PHD, University of Manchester Institute of Science and Technology, 2001

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Lutkenhaus, Jodie L, Professor
Chemical Engineering
PHD, Massachusetts Institute of Technology, 2007

Malave, Ceasar, Professor
Chemical Engineering-Qatar Campus
PHD, University of South Florida, 1987

Mashuga, Chad V, Associate Professor of Practice
Chemical Engineering
PHD, Michigan Technological University, 1999

Mittal, Jeetain, Professor
Chemical Engineering
PHD, The University of Texas at Austin, 2007
PHD, University of Texas at Austin, 2007

Nounou, Mohamed N, Professor
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PHD, Ohio State University, 2000

Pistikopoulos, Efstratios, Professor
Chemical Engineering
PHD, Carnegie Mellon University, 1988

Rahmani, Nazmul, Professor Of The Practice
Chemical Engineering
PHD, University of Alberta, 2004

Reeves, Gregory, Associate Professor
Chemical Engineering
PHD, Princeton University, 2008

Rodden, John, Professor of the Practice
Chemical Engineering
PHD, Texas A&M University, 1988

Salama, Ghada H, Instructional Professor
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PHD, Cairo University, 2001

Seminario, Jorge M, Professor
Chemical Engineering
PHD, Southern Illinois University Carbondale, 1987

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Chemical Engineering
PHD, McGill University, 1995

Shetty, Manish, Assistant Professor
Chemical Engineering
PHD, Massachusetts Institute of Technology, 2017

Sun, Qing, Assistant Professor
Chemical Engineering
PHD, University of Delaware, 2010

Tamamis, Phanourios, Associate Professor
Chemical Engineering
PHD, University of Cyprus, 2010

Tseregounis, Spyros, Professor of the Practice
Chemical Engineering
PHD, University of California at Los Angeles, 1984

Ugaz, Victor, Professor
Chemical Engineering
PHD, Northwestern University, 1999

Vaddiraju, Sreeram, Associate Professor
Chemical Engineering
PHD, University of Louisville, 2006

Vechot, Luc N, Associate Professor
Chemical Engineering-Qatar Campus
PHD, Ecole Nationale Supérieure des Mines de Saint Etienne, France, 2007

Wang, Qingsheng, Associate Professor
Chemical Engineering
PHD, Texas A&M University, 2010

Wilhite, Benjamin A, Associate Professor
Chemical Engineering
PHD, University of Notre Dame, 2003

Woodard, Susan, Senior Lecturer
Chemical Engineering
PHD, Colorado State University, 1992

Wu, Hung-Jen, Associate Professor
Chemical Engineering
PHD, Texas A&M University, 2006

Xie, Shuyi, Assistant Professor
Chemical Engineering
PHD, University Of Minnesota-Twin Cities, 2020

Zhu, Xuejun, Assistant Professor
Chemical Engineering
PHD, University of California, Berkeley, 2017

Masters

- Master of Engineering in Chemical Engineering (<http://catalog.tamu.edu/graduate/qatar/engineering/chemical-engineering-meng/>)
- Master of Science in Chemical Engineering (<http://catalog.tamu.edu/graduate/qatar/engineering/chemical-engineering-ms/>)

Doctoral

- Doctor of Philosophy in Chemical Engineering