

# TEXAS A&M UNIVERSITY AT QATAR

## Texas A&M University at Qatar Joint Advisory Board

The Joint Advisory Board (JAB) of Texas A&M University at Qatar was established May 25, 2003, between Texas A&M University and Qatar Foundation for Education, Science and Community Development to provide advice regarding the management and operation of Texas A&M at Qatar the Dean and CEO and to Qatar Foundation. The JAB is primarily responsible for ongoing review and evaluation of the success of Texas A&M at Qatar.

### Joint Advisory Board Members

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César O. Malavé, PhD, PE  
Dean, Texas A&M University at Qatar

Ioannis G. Economou, PhD — Secretariat  
Senior Associate Dean for Academic Affairs and Graduate Studies, Texas A&M University at Qatar

## Texas A&M University at Qatar Administrative Officers

The leadership of Texas A&M University at Qatar is responsible for the vision of the campus. This vision is simple: to be the premier provider

of engineering education in the region, a significant contributor to knowledge internationally and an essential resource to the State of Qatar.

César O. Malavé, PhD, PE  
Dean

Ioannis G. Economou, PhD  
Senior Associate Dean for Academic Affairs and Graduate Studies

Hassan S. Bazzi, PhD  
Senior Associate Dean for Research and Advancement

Violet M. Johnson, PhD  
Senior Associate Dean for Faculty Development

Hazem Nounou, PhD  
Associate Dean for Academic and Student Studies

Rosalie Nickles  
Assistant Dean for Finance and Administrative Services

## Texas A&M University at Qatar Program Chairs

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Chemical Engineering Program Chair

Erchin Serpedin, PhD  
Electrical Engineering Program Chair

Bernard Lamel, PhD  
Director, Division of Arts and Sciences

Marwan Khraisheh, PhD  
Mechanical Engineering Program Chair

Albertus Retnanto, PhD  
Petroleum Engineering Program Chair

## General Statement

Texas A&M's branch campus in Qatar, part of the 2,500-acre multi-institutional campus known as Education City, formally opened on September 7, 2003, offering undergraduate degree programs in chemical, electrical, mechanical, and petroleum engineering. Texas A&M's engineering program is widely considered among the best in America, and the curricula offered at the Qatar campus are materially the same as those offered at the main campus located in College Station, Texas. Texas A&M University at Qatar is fully funded by the Qatar Foundation for Education, Science, and Community Development and provides a unique opportunity for the University to expand its international presence and provide educational and research opportunities for faculty and students.

## Mission Statement

The mission of the Qatar campus is to develop exemplary engineers and leaders through internationally recognized undergraduate and graduate degree programs. Texas A&M at Qatar generates new knowledge and intellectual capital through innovative research and collaborative partnerships that yield sustainable impacts. In all of its efforts, Texas A&M at Qatar serves the needs of the State of Qatar and the region through broad expertise and engagement that expands human capital.

## Qatar Foundation and Education City

Founded in 1995 by His Highness Sheikh Hamad bin Khalifa Al-Thani, who was then the emir and now is the father emir, the Qatar Foundation for Education, Science and Community Development's guiding principle is that a nation's most valuable natural resource is its people. The foundation's symbol is the Sidra tree, whose deep, solid roots reflect the foundation's regard for Qatari culture and whose fruits carry the seeds of hope for a better tomorrow.

Her Highness Sheikha Moza bint Nasser serves as chairperson of the Qatar Foundation and guides the nonprofit organization's programs and philosophies. Among those philosophies is a commitment to making Qatar a world-renowned center for higher learning.

To that end, the Qatar Foundation's most visionary undertaking, Education City, was founded in 1997. The 2,500-acre complex in Doha, Qatar, boasts state-of-the-art facilities and a forward-thinking agenda that has enticed some of the world's top universities to open branch campuses. In 2003, Texas A&M at Qatar joined Virginia Commonwealth University School for the Arts and Weill Cornell Medical College in offering undergraduate degree programs at Education City. In 2004, Carnegie Mellon University came aboard, followed by Georgetown University in 2005, Northwestern University in 2008 and HEC Paris in 2011. It is also the home of Hamad bin Khalifa University. In addition, the Qatar Science and Technology Park, an extensive, state-of-the-art research complex, is providing opportunities for research partnerships between business, government and academic institutions.

The missions of Education City are clearly defined: to prepare world-class graduates capable of assuming professional leadership positions in Qatar, throughout the Gulf region, and around the world, and to make Qatar a world leader in higher education and cutting-edge research. Texas A&M at Qatar is proud to take part in achieving the goals of the Qatar Foundation, which so closely resemble its own commitments to education and community service.

**General Information** (<http://catalog.tamu.edu/undergraduate/qatar/general-information/>)

### Majors

#### Chemical Engineering Program

- Bachelor of Science in Chemical Engineering (<http://catalog.tamu.edu/undergraduate/qatar/chemical-engineering-program/chemical-engineering-bs/>)

#### Electrical and Computer Engineering Program

- Bachelor of Science in Electrical Engineering (<http://catalog.tamu.edu/undergraduate/qatar/electrical-and-computer-engineering-program/electrical-engineering-bs/>)

#### Mechanical Engineering Program

- Bachelor of Science in Mechanical Engineering (<http://catalog.tamu.edu/undergraduate/qatar/mechanical-engineering-program/mechanical-engineering-bs/>)

## Petroleum Engineering Program

- Bachelor of Science in Petroleum Engineering (<http://catalog.tamu.edu/undergraduate/qatar/petroleum-engineering-program/petroleum-engineering-bs/>)

### Minors

- Analysis, Design and Management of Energy Conversion Systems Minor (<http://catalog.tamu.edu/undergraduate/engineering/mechanical/analysis-design-management-energy-conversion-systems-minor/>)
- Chemical Engineering Minor (<http://catalog.tamu.edu/undergraduate/engineering/chemical/minor/>)
- Chemistry Minor (<http://catalog.tamu.edu/undergraduate/arts-and-sciences/chemistry/minor/>)
- Control of Mechanical Systems Minor (<http://catalog.tamu.edu/undergraduate/engineering/mechanical/control-mechanical-systems-minor/>)
- Design and Simulation of Mechanical Systems Minor (<http://catalog.tamu.edu/undergraduate/engineering/mechanical/design-simulation-mechanical-systems-minor/>)
- Electrical Engineering Minor (<http://catalog.tamu.edu/undergraduate/engineering/electrical-computer/electrical-minor/>)
- Geology Minor (<http://catalog.tamu.edu/undergraduate/arts-and-sciences/geology-geophysics/geology-minor/>)
- Mathematics Minor (<https://www.qatar.tamu.edu/academics/minors-and-programs/>)
- Natural Gas Production and Processing Minor (<http://catalog.tamu.edu/undergraduate/qatar/natural-gas-production-processing-minor/>)
- Petroleum Engineering Minor (<http://catalog.tamu.edu/undergraduate/engineering/petroleum/minor/>)
- Physics Minor (<http://catalog.tamu.edu/undergraduate/arts-and-sciences/physics-astronomy/physics-minor/>)

### Interdisciplinary

- Entrepreneurship Minor (<http://catalog.tamu.edu/undergraduate/interdisciplinary/entrepreneurship-minor/>)

### Certificates

The College of Engineering has designed several certificate programs to offer ambitious students the opportunity to go beyond the traditional curriculum and gain specific knowledge in a concentration area. Students are required to consult with their academic advisor prior to submitting an application for a certificate. Enrolling and being accepted into a certificate program does not guarantee registration into required courses or that courses will be offered at Texas A&M University at Qatar. For specific information on each certificate available, visit the College of Engineering website.

### Masters

#### Chemical Engineering Program

- 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/>)

## **Petroleum Engineering Program**

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

## **Doctoral**

## **Chemical Engineering Program**

- Doctor of Philosophy in Chemical Engineering