QUICK FACTS

Objectives

Become a world-class research-driven graduate university focused on advanced energy, sustainability and clean technologies
Provide world-class research and quality higher education
Attract and nurture future leaders and professionals in science and technology
Foster the development of a diversified knowledge-based economy
Develop human capacity in clean energy and sustainability
Incubate a culture of innovation and entrepreneurship
Develop the critical thinkers and leaders of the future

Faculty and Students

International faculty and student body
81 faculty members from more than 20 countries
Total number of enrolled students reached 417 in September 2013
Number of UAE nationals increased 15% over last year; females represent 55% of all Emirati students
Vibrant and rich student life, multi-cultural environment; more than 15 student clubs
First elite group of 70 Master's students graduated in June 2011
A total of 54 Master's students of the second batch graduated in May 2012
A total of 90 students of 2013 Class graduated in June 2013

Academic Programs

8 Master's programs based on US graduate education model: coursework and research, 8 courses (24 credits), research-based thesis (24 credits); and one PhD program

MSc in Computing and Information Science
MSc in Electrical Power Engineering
MSc in Engineering Systems and Management
MSc in Materials Science and Engineering
MSc in Mechanical Engineering
MSc in Microsystems Engineering
MSc in Water and Environmental Engineering
MSc in Chemical Engineering
PhD in Interdisciplinary Engineering

Admission Criteria

A relevant undergraduate degree in the fields of science, engineering or information technology
A minimum CGPA of 3.0 (on a scale of 4.0) or equivalent (2nd class upper in the British system)
A minimum GRE Quantitative score of 155 (700 on the old scale)
A minimum TOEFL score of 91 (Internet based) or equivalent paper/computer based TOEFL, or a minimum academic IELTS score of 6.5.*
Admission standards are in accordance with those of MIT.

Application forms can be downloaded from http://www.masdar.ac.ae/admissions
Students can send all relevant information including their application forms, CVs, transcripts and basic information to info@masdar.ac.ae for possible consideration. Alternately, they can also use admissions@masdar.ac.ae

Scholarships:

Students admitted to Masdar Institute are offered a full scholarship including:
100% tuition fee
Textbooks
Laptop
Accommodation
Medical insurance
Competitive stipend (cost of living allowance)
Annual travel expenses

Research Focus:

- Water, Environment and Health
- Future Energy Systems
- Microsystems and Advanced Materials

MIT Partnership

MIT contributes to development of degree programs and curriculum
New faculty hires spend up to a year at MIT
Collaborative research by MIT and Masdar Institute faculty
MIT faculty serves on PhD committees
Masdar Institute PhD students may spend one semester at MIT
Masdar Institute graduates are issued a certificate jointly signed by the MI & MIT

Outreach Programs:

Young Future Energy Leaders (YFEL) program offers opportunity to participate in local and international events and activities that engage students and young professionals to find solutions to the challenges of climate change and energy security; Opportunity to meet and network with students and professionals from around the world

A research-based **Summer Internship** program for qualified undergraduate UAE students

Ektashif, a residential program that offers for UAE National graduates a platform to understand and operate within the cutting-edge laboratory environment at Masdar Institute.

Campus:

Sustainable campus powered by renewable energy
State-of-the-art research facilities and hi-tech equipment
Located in Masdar City, Abu Dhabi, first sustainable urban development in the world

With the completion of phase 1B, Masdar Institute currently has:

- 9 open laboratories
- 2 clean rooms
- 13 hi-bay laboratories
- A 90-seat auditorium
- 12 classrooms
- 324 student apartments

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