Graduate Studies

Introduction

FALL 2018
Abu Dhabi, United Arab Emirates

- Capital: Abu Dhabi
- UAE population: 9.5 Million
- Abu Dhabi population: 2.9 Million
- Language: Arabic (official) & English (widely used)
- International Community: over 180 Nationalities
Abu Dhabi, United Arab Emirates

- Cosmopolitan Modern City
- Safe & Friendly
- Clean Environment
- Indoor & Outdoor Activities
- Well Connected to other cities including Dubai
- Direct Flights to many International Destinations
Khalifa University of Science & Technology - KU

- 1st Ranked in the UAE
- Approximately 3500 students
- Nearly 370 international faculty
- Excellent Faculty to Student Ratio: 10:1
- Excellent Facilities across 3 Campuses
- World-Class Research Labs
- Three Colleges:
  - Engineering
  - Arts and Science
  - Medicine and Health Sciences
- International Graduate Students Community
Graduate Programs - Master’s

• MSc in Chemical Engineering
• MSc in Electrical & Computer Engineering
• MSc in Engineering Systems & Management
• MSc in Material Science and Engineering
• MSc in Mechanical Engineering
• MSc in Petroleum Engineering
• MSc in Sustainable Critical Infrastructure
• MSc in Water and Environmental Engineering
• MSc by Research in Engineering

• Master of Science in Applied Chemistry
• Master of Science in Computing and Information Science
• Master of Science in Petroleum Geoscience
• MEng in Health, Safety and Environmental Engineering
• MSc in Information Security*
• MSc in Nuclear Engineering*
• Master of Arts in International and Civil Security*
Graduate Engineering Programs - PhD

- Aerospace Engineering
- Biomedical Engineering
- Chemical Engineering
- Civil Infrastructure and Envir. Engineering
- Electrical and Computer Engineering
- Engineering Systems & Management
- Material Science and Engineering
- Mechanical Engineering
- Nuclear Engineering
- Petroleum Engineering
- Petroleum Geoscience
- Robotics
Graduate Admissions Requirements- Master’s

• Bachelor’s degree in a relevant discipline with a minimum Cumulative Grade Point Average (CGPA) of 3.0 out of 4.0, or equivalent

• A minimum level of English proficiency in the form of either:
  – iBT TOEFL (internet-based test) score of 91 or equivalent, or
  – Overall academic IELTS score of 6.5

• A minimum quantitative score of 150 in the general Graduate Record Examination (GRE)

• A minimum of two referee recommendations (provided via online form).

• Statement of purpose (500-1,000 words).

• Admission interview

For more information:
https://www.ku.ac.ae/admissions/graduate-admissions/
Graduate Admissions Requirements- PhD

• Master’s degree in a relevant discipline with a minimum Cumulative Grade Point Average (CGPA) of 3.25 out of 4.0, or equivalent

• A minimum level of English proficiency in the form of either:
  - iBT TOEFL (internet-based test) score of 91 or equivalent, or
  - Overall academic IELTS score of 6.5

• A minimum quantitative score of 150 in the general Graduate Record Examination (GRE)

• A minimum of two referee recommendations (provided via online form).

• Statement of purpose (500-1,000 words).

• Research statement (500-1,000 words).

• Admission interview

For more information:

https://www.ku.ac.ae/admissions/graduate-admissions/
Graduate Scholarships – MSc & PhD

- Full coverage of tuition fees
- Medical insurance coverage for students under the Khalifa University visa.
- Support to attend international research conferences.
- Monthly stipend for GRTA Scholarship:
  - During MSc: AED 8,000 (Approx. USD $2,000)
  - During PhD: AED 10,000 (Approx. USD $2,700)

For more information:
https://www.ku.ac.ae/admissions/graduate-admissions/graduate-scholarships/
Research Centers

- Research Center for Renewable Energy Mapping and Assessment (ReCREMA)
- Nuclear Technology Center (NTC)
- Advanced Power and Energy Center (APEC)
- Sustainable Bioenergy Research Consortium (SBRC)
- Center for Membranes and Advanced Water Technology (CMAT)
- Center for Catalysis and Separation (CeCaS)
- Gas Research Center
- Aerospace Research and Innovation Center (ARIC)

- Healthcare Engineering Innovation Center (HEIC)
- Center for Biotechnology (BTC)
- System-on-Chip Center (SoCC)
- KU Center for Cyber-Physical Systems (C2PS)
- KU Center for Autonomous Robotic Systems (KUCARS)
- Center of Excellence on RF/5G Communications
- Center of Excellence on Integrated Photonics
- Emirates ICT Innovation Center (EBTIC)
How about the Spanish students that graduated from our university in previous years. Where do they work now?

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<th>Program</th>
<th>Year/Sem</th>
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<th>Company</th>
<th>Location</th>
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</table>
1st in the UAE according to the THE University Rankings in Sept. 2018

2nd in the Arab World according to the THE University Rankings in Sept. 2018

3rd in the Arab World 201-250 according to THE ‘Engineering and Technology’ Subject Ranking in Oct. 2017

12th in the THE Young University Rankings 2018: Millennial Universities Ranking in June 2018

15th in THE Emerging Economies University Rankings in May 2018
2016
481 - 490
GLOBAL BRACKET
QS WORLD UNIVERSITY RANKINGS

2017
401 - 410
GLOBAL BRACKET
QS WORLD UNIVERSITY RANKINGS

2018
1st in UAE
315th globally
QS WORLD UNIVERSITY RANKINGS

1st UAE & MENA
33rd overall top young universities
QS TOP 50 UNDER 50
1 RANKED UNIVERSITY IN UAE

- 4930+ Articles
- 16 Dedicated Research Centers
- 300+ Invention Disclosures
- 228 State-of-the-Art Laboratories
- 3570+ Conference Papers
- 70+ Issued Patents
1989 - The Etisalat College of engineering was established.

2000 - The Petroleum Institute University and Research Center was established.

2007 - The Khalifa University of Science, Technology and Research (KUSTAR) was established.

2007 - Masdar Institute of Science & Technology (MI) was established.

2017 - UAE President and Ruler of Abu Dhabi His Highness Sheikh Khalifa bin Zayed issued a decree to merge KUSTAR, MI and PI under one university called the Khalifa University of Science & Technology.