Q&A - FACTSHEET

Khalifa University of Science and Technology

Launch of College of Medicine and Health Sciences – 4 July 2018

FACTSHEET

Khalifa University of Science and Technology combines The Masdar Institute of Science and Technology, Khalifa University of Science, Technology and Research and The Petroleum Institute into one world-class, research-intensive institution, seamlessly integrating research and education to produce world leaders and critical thinkers in applied science and engineering.

The University endeavors to be a leader among research-intensive universities of the 21st century, while catalyzing the growth of Abu Dhabi and the UAE's rapidly developing knowledge economy

DETAILS:

➢ Khalifa University has three campuses in Abu Dhabi – the Main Campus, Sas Al Nakhl Campus and the Masdar City Campus.

➢ Khalifa University offers 12 bachelors, 16 Master's and 13 doctoral (PhD) level programs, spanning a wide range of subjects in engineering, science, and technology across three campuses.

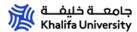➢ Khalifa University currently offers the following programs.
  They are:

Undergraduate programs:
College of Engineering
  1. Bachelor of Science in Aerospace Engineering*
  2. Bachelor of Science in Biomedical Engineering*
  3. Bachelor of Science in Chemical Engineering*
  4. Bachelor of Science in Civil Engineering
  5. Bachelor of Science in Computer Engineering*
  6. Bachelor of Science in Electrical Engineering*
  7. Bachelor of Science in Industrial and Systems Engineering
  8. Bachelor of Science in Mechanical Engineering*
  9. Bachelor of Science in Petroleum Engineering*
College of Arts and Sciences
  1. Bachelor of Science in Earth Sciences*
  2. Bachelor of Science in Chemistry
  3. Bachelor of Science in Applied Mathematics and Statistics

Khalifa University

Graduate programs:

College of Engineering:

1. Master of Science in Chemical Engineering
2. Master of Science in Electrical and Computer Engineering
3. Master of Science in Engineering Systems and Management
4. <u>Master of Science in Information Security</u>*
5. Master of Science in Materials Science and Engineering
6. Master of Science in Mechanical Engineering
7. <u>Master of Science in Nuclear Engineering</u>*
8. Master of Science in Petroleum Engineering
9. Master of Science in Sustainable Critical Infrastructure
10. Master of Science in Water and Environmental Engineering
11. Master of Science by Research in Engineering
12. Master of Engineering in Health, Safety and Environmental Engineering

College of Arts and Sciences

13. Master of Arts in International and Civil Security*
14. Master of Science in Applied Chemistry
15. Master of Science in Computing and Information Science
16. Master of Science in Earth Sciences

- **Doctor of Philosophy in Engineering** (**PhD**)
  1. Aerospace Engineering
  2. Biomedical Engineering
  3. Chemical Engineering
  4. Civil Infrastructure and Environmental Engineering
  5. Electrical and Computer Engineering
  6. Engineering Systems and Management
  7. Material Science and Engineering
  8. Mechanical Engineering
  9. Nuclear Engineering*
  10. Petroleum Engineering
  11. Robotics
  12. Multidisciplinary

College of Arts and Sciences:

13. PhD in Earth Sciences

- More than 86% of undergraduate programs are either eligible or have received accreditation from the Accreditation Board for Engineering and Technology, Inc (ABET). ABET is the global accreditor of college and university programs in applied science, computing, engineering, and engineering technology.

➢ In the 2017-2018 academic year, 63 countries area represented in student body, with a total of 81% UAE national students.

➢ A total of 50 countries are represented in our faculty body, with a total of 13% UAE National faculty

Rankings:

➢ At present, Khalifa University is ranked 15th in the Times Higher Education (THE) Emerging Economies University Rankings 2018, In addition, it is also ranked the top (#1) institution ahead of more established universities in the Middle East and North Africa (MENA) region.

➢ Placed 315th overall globally, in the 2019 QS (Quacquarelli Symonds) World University Rankings, thus remaining among the top 31% of the 1,011 institutions assessed across the world.

➢ Jumped 44 places to become 32nd in the 2018 Times Higher Education (THE) Asia University Rankings, (among 359 Asian universities)

➢ Moved two slots higher to be ranked second in the (released in March) 2018 The Times Higher Education (THE) Arab World University Rankings (among 31 universities)

➢ Ranked top in the UAE in the 2018 Times Higher Education (THE) subject rankings in 'Engineering and Technology'

➢ **Research centers**

➢ Post-merger, both the Masdar Institute and the Petroleum Institute continue on as major research institutes under Khalifa University's research office. In addition, the university has 13 interdisciplinary research active centers.

➢ The research centers are as follows:

- Gas Research Center
- Research Center for Renewable Energy Mapping and Assessment (ReCREMA)
- Sustainable Bioenergy Research Consortium (SBRC)
- Aerospace Research and Innovation Center (ARIC)
- Etisalat-British Telecom Innovation Center (EBTIC)
- ATIC SRC Center of Excellence for Energy Efficient Electronic Systems (ACE4S)
- Center of Excellence for Integrated Photonics
- Center of Excellence on RF/5G Communications
- Information Security Research Center (ISRC)

- Visual Signal Analysis and Processing (VSAP) Center
- Khalifa University Robotics Institute (KURI)
- Khalifa University Center of Excellence in Biotechnology (KUCEB).

➢ Research projects undertaken at Khalifa University have yielded 75 issued patents, with 201, patent applications pending and 332 invention disclosures as of March 2018, making for a strong IP portfolio for the university.

➢ The university also has more than 8,000 academic research contributions, including more than 4,600 articles, over 3,300 conference papers, 186 book chapters, and 32 books, as well as over 68,000 citations.

➢ Khalifa University currently has combined academic capabilities of the three universities brought together by merger:
They include clean and renewable energy, energy storage, water and environment, advanced materials, microsystems, space systems, and smart technologies; hydrocarbon exploration and production technologies; nuclear engineering, robotics, aerospace, biomedical engineering, artificial intelligence, data science and information security, chemical engineering, civil infrastructure and environmental engineering, and industrial system engineering.

For more information, please visit: http://www.kustar.ac.ae/