



PhD in ENGINEERING

About the program

The program gives the opportunity for the enrolled students to get involved in research activities related to the various aspects of electrical, computer, robotics and other branches of engineering. The students are expected to carry out an independent investigation of a specialized area in engineering. It serves the research community and the UAE society in the fields related to energy, healthcare, manufacturing, aerospace and process industry.

The program offers a wide spectrum of specialized courses aligned with the student research area in power, control, electronics, communication, robotics, software. It exposes the students to cutting edge hardware and software technologies, state-of-the-art course contents, research projects, international collaborations. The program is accredited by the UAE Ministry of Higher Education and Scientific Research.

Specializations

Aerospace, Chemical, Civil, Electrical and Computer, Engineering Systems and Management, Engineering Systems and Management, Mechanical, Nuclear, Petroleum Engineering and Robotics.

Graduates of the program will

Find career opportunities in academia and industry. Electrical & Computer Engineering sectors, ADNOC and other oil-and-gas companies (e.g., Schlumberger and Baker-Hughes), Etisalat by e& and other telecom companies (e.g., Ericson, GE, and Siemens), Utilities companies (ADWEA, DEWA, and GE), Mubadala Investment Company, Health Engineering, Avionics (Etihad and Emirates), Defense, and transportation companies.

Find additional opportunities with Tawazun Group of companies (e.g., Edge, Halcon, TII), and other sectors such as AI, big data in both the cloud, edge, and IoT platforms, Electrical & Computer Engineering.

This program uses laboratories of the 16 research centers.



WHY KHALIFA UNIVERSITY?



GLOBAL RECOGNITION

Khalifa University stands out as the leading institution in the UAE, with 90 of its faculty members acknowledged among the world's top 2% most-cited scientists in Stanford University's prestigious 2023 listing.



CONSISTENTLY HIGH-RANKED

Ranked top in the UAE, 2nd in the Arab world, and ranked 27th in Asia in Sustainability; and among top 250 in the world



GLOBALLY-ACCREDITED ACADEMIC PROGRAMS

Khalifa University is fully licensed and all its programs are accredited by the Commission for Academic Accreditation (CAA) of the UAE Ministry of Education.



UNIQUE AND DIVERSE RESEARCH

Including energy, water and environment, healthcare, aerospace, cybersecurity, Intelligent Systems, advanced materials, and fundamental science..



WORLD'S SAFEST CITY

Abu Dhabi, the largest emirate in the UAE, remains the world's safest city for the 8th consecutive year in 2024. Experience safety and a cosmopolitan lifestyle that enhances your learning experience, reinforcing its status as a safe and secure place to live, work, study, and invest.



EXPERT GUIDANCE

We are committed to empowering students for success, fostering collaboration in a diverse community led by world-class faculty. Experience personalized guidance and a conducive learning environment with an impressive 11:6 student-to-faculty ratio, ensuring your path to success is well-supported and rewarding.



DYNAMIC CAREER OPPORTUNITIES

Attractive graduate employment opportunities across a wide spectrum of industries with the opportunity to present research projects at major international conferences.