



## MSc in COMPUTER SCIENCE

### About the program

The program focuses on technology, including AI, to meet the demand for skilled professionals. The program equips students to excel in the evolving tech landscape, aligning with the UAE's economic diversification. Graduates contribute by conducting original research, fostering innovation, and advancing knowledge.

Students present a thesis, focusing on university-identified topics such as AI, Cyber Security, and Software Engineering.

The program emphasizes hands-on research, fosters critical thinking and application of knowledge, and prepares graduates to contribute meaningfully to the evolving landscape of computer science and emerging technologies. It offers the students interdisciplinary education.

### Concentration

Artificial Intelligence concentration includes a pool of technical elective courses in the AI domain (such as Multi-agent Systems, Machine Learning, Data Science, Deep Learning System Design, and Artificial Intelligence Techniques for Cyber-Security). The thesis also should be conducted in the AI research area.

### Graduates of the program will

Find career opportunities as AI and data analysts, systems analysts, applications analysts and developers, cyber security analysts, game designers and developers, information systems managers, and software engineers.

Explore a wide range of industries that utilize computer science include information and communication technology, energy, oil and gas, healthcare, cyber security, banking and finance, robotics and autonomous systems, and transportation.

Go through rigorous training and research experience to pursue their PhD.

Find research opportunities in specialized research centers, industry connections opportunities, diversity and inclusion environment, state-of-the-art facilities and resources, highly successful and high profile alumni clubs, vibrant community and networking events.

# 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.