Computer Science
BSc (Hons)

4 years (with a Foundation Year)

According to the World Economic Forum Report 'Future of Jobs' (2020), jobs within the computing and information technology sectors are becoming the most in demand for businesses.

This Computer Science course covers all the necessary skills you will need to be a computing professional, from idea generation to system implementation. It provides a broad education in computer science with a particular focus on software systems development.

Career Opportunities

After you complete this course you will have the skills necessary to pursue a career in computing in a wide range of fields such as;

- Application Analyst
- Information System Manager
- Web Designer
- Data Scientist
- Software Engineer

HOW TO APPLY

Please apply directly to the university

www.cuc-ulster.edu.qa

+974 3319 6012

Engage With Us

CUCULSTER

Entry Requirements:

Entry Point: Foundation

- Be 18 years old or over upon completion of the International Foundation Programme

- Have successfully completed the General Secondary Education Certificate or Qatar Senior School Certificate with a minimum of 50% in 5 subjects (including Maths, if studying the STE pathway)

As per Ulster University guidelines, you must satisfy one of the below:

- Three A Level's Grade ABB

- International Baccalaureate with a 27 points overall including 13 points at the Higher Level (Grade 5 in HL Math is mandatory). Additionally Grade 4 in English Language required in the overall profile

- Pearson BTEC Level 3 at Extended Diploma level (MMM profile)

AND

- Academic IELTS overall score of 6.0 (with no contributing band score of less than 5.5).

OR

- Other international qualifications will be considered on merit for equivalency with the above requirements.

If you do not meet the entry requirements, CUC will provide you with a support programme that will help you improve your English level and your academic skills.

What Will you Study

International Foundation Year

- Foundation in Science & Technology
- Foundation in Mathematics
- Introduction to Physiology and Chemistry
- Introduction to Computing, Engineering and the Built Environment
- English with Study Skills
- Extending Critical Thinking for Undergraduate Study
- English for Academic Transition
- Exploring Cultural Identities
- Project-Based Learning

Year 1

- Mathematics for Computing
- Software Development I
- Software Development II
- Database Systems
- Computer Hardware and Operating Systems
- Systems Analysis and Design

Year 2

- Computer Networks & Security
- UX
- Object oriented Programming
- Algorithms and Data Structures
- Web Application Development
- Mobile Application Development
- Professional Development (Optional if taking 3rd year as Work Experience)

Year 3

- Final Year Project
- Cyber Security (optional)
- Concurrent and Distributed Systems (optional)
- Enterprise Computing (optional)
- Network Operating Systems (optional)
- Advanced Mobile Technology (optional)
- Intelligent Robotics (optional)
- Computer Vision (optional)
- Mixed Reality (optional)