



Bachelor in Computer Science Cyber Security Track

Programme Details

Final Qualification

Bachelor Degree

Language of Study

English

Mode of Study

Full Time

Programme Structure

Study Period

4 Years

Total Credit Hours

135 Credit Hours

Number of Courses

45 Courses

Brief about the Programme

The Bachelor's in Computer Science programme/ Cyber security track designed to meet the fast-growing demand for IT/Cyber security professionals in Bahrain, regionally, and globally.

It combines a strong theoretical foundation with hands-on practical training in areas such as Programming, Software Engineering, Cyber security, etc. Students gain expertise in programming, Cyber security, ethical hacking, Digital Forensics, and more, through lab work and collaborative learning. The curriculum aligns with international standards like ABET and ACM/IEEE-CS and is regularly updated to match evolving industry needs, supported by advisory boards and market research. Graduates are equipped with the technical and problem-solving abilities needed to thrive in diverse careers across the IT sector.

Aims of the Programme

1. Graduates will be equipped with technical skills to meet the needs of the local and regional labour market.
2. Graduates will master various computer related knowledge and competencies specially in cyber security field to solve work problems and generate new ideas with creativity and innovation.
3. Graduates will be able to apply scientific research methodologies to analyse and interpret computer science and cyber security related results and data.
4. Graduates will engage in collaborative and effective teamwork.
5. Graduates will be carrying a human and ethical vision towards their community, respecting diversity in occupational and cultural requirements, and improving awareness towards the future to achieve sustainable development

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Enquiry



Career Paths

1. Information Security Manager
2. Cyber Security Analyst
3. Penetration Tester (Ethical Hacker)
4. Security Operations Center (SOC) Analyst
5. Information System Auditor
6. Forensic Analyst

Entry Requirements

1. The student should obtain a Secondary School Certificate or its equivalent certified by the Ministry of Education in the Kingdom of Bahrain with an average of no less than 60% or equivalent.
2. Students with averages below 60% may be admitted in the University, provided that they meet one of the following criteria:
 - From the talented category (such as athletes, entrepreneurs, inventors, authors) and artists who represent the Kingdom of Bahrain internationally.
 - Those with at least one year of practical experience following their secondary school certificate.
 - In addition, the University Council has the right to decide on applicants with averages below 60%.
 - The number of students admitted according to this point (2) can be no more than 20% of the admitted students.
3. In addition to the above, admission to the Computer Science Programme is limited to students who have obtained a High School Certificate - 'Scientific Track' or its equivalent.
4. Transferred students are accepted as per the university bachelor degree bylaws.
5. All students admitted to Computer Science Programme with its 3 tracks must attend the Compulsory English Test (specified by the University) to determine their English Level, according to the following:
 - Students who scored between (0-34), must attend Elementary English (ENG097).
 - Students who scored between (35-50), must attend Intermediate English (ENG098).
6. The student is exempted from the courses ENG 097 and ENG 098 if they have obtained (5) or higher in an IELTS test, or 450 and higher in a TOEFL test.

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