



Master in Computer Science

Programme Details

Final Qualification

Master Degree

Language of Study

English

Mode of Study

Full Time

Programme Structure

Study Period

2 Years

Total Credit Hours

36 Credit Hours

Number of Courses

11 Courses

Brief about the Programme

Advance your career with our master in computer science, offering specialized tracks in Artificial Intelligence and Cyber Security. Designed according to modern academic and industry standards, the programme provides advanced knowledge and practical skills in Artificial Intelligence (AI), machine/deep learning, data analytics, business intelligence, and computer security.

Students may choose between an applied project or a research thesis to align their studies with their career goals. Upon completion, graduates earn a reputable qualification that strengthens their competitiveness in today's competitive job market.

Aims of the Programme

1. Provide graduates with critical knowledge of specialized theories, issues, and current methods in computer science and scientific research. This expertise will enable them to effectively contribute to qualitative professional and societal development within an environment characterized by rapid change and ambiguity.
2. Prepare graduates who can apply current theories, methods, and specialized scientific research techniques to conduct advanced studies and research. They will investigate complex computer science-related problems in the business environment and devise creative solutions.
3. Develop graduates critical thinking and analytical skills in computer science, enabling the interpretation and creative evaluation of new situations and problems to effectively assist business enterprises in formulating and implementing relevant computer science-related strategies.
4. Enable graduates to apply professional-level skills in unpredictable and ambiguous work environments and to communicate effectively, collaborate in teams, and uphold a strong sense of responsibility toward colleagues and stakeholders.

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Enquiry



Study Plan



Career Paths

1. AI/ML Specialist
2. Cybersecurity Manager
3. Data Scientist
4. Cloud Solutions Architect
5. Software Development Manager
6. Blockchain Specialist
7. Systems Architect
8. IT Consultant
9. Research Scientist in CS
10. University Lecturer

Entry Requirements

1. The applicant must hold a bachelor's degree or its equivalent from a university or college recognized by the Ministry of Education in the Kingdom of Bahrain.
2. The applicant's bachelor's degree must be in the same or a closely related qualifying field as the master's programme, as defined by the study plan. Otherwise, the student must successfully complete a number of remedial courses approved by the University and specified by the concerned department.
3. The applicant should be the holder of a bachelor's degree with a GPA of not less than 'Good' or its equivalent to be admitted.
4. Applicants with a GPA less than 'Good' have the chance to be admitted conditionally given they have a one year of experience or be given some remedial courses in case of absence of the work experience.
5. Applicants who do not meet the admission requirements may be granted conditional admission with remedial courses selected by the department and as per the university graduate studies bylaws.
6. Transfer students are accepted as per the Article 17 of the university graduate studies bylaws.
7. The applicant should pass an interview conducted by a committee in the Academic Department.
8. The applicant must pass the University's English placement test or submit a TOEFL score of 500 or equivalent. Applicants who do not meet this requirement must commit to successfully completing a mandatory English remedial course prescribed by the college within their first year of study.



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