VISION AND MISSION

VISION

An applied program in artificial intelligence and robotics that graduates experts who exploit these technologies for the benefits of their societies and businesses.

MISSION

Providing the public and private sectors with highly qualified specialists in the fields of artificial intelligence and robotics. The master's program in artificial intelligence and robotics provides high-quality academic courses and labs that enable students to get a hold on the rapid technological developments. The students benefit from the advancing computer capabilities in designing and developing innovative, reliable, and sustainable technical solutions for practical problems facing all aspects of today's world. The program provides the various sectors of the regional and global markets with qualified graduates in these fields.

MSc in Artificial Intelligence and Robotics

DeCAIR

THE UNIVERSITY OF JORDAN

SCHOOL OF ENGINEERING

DEPARTMENT OF COMPUTER ENGINEERING
&
DEPARTMENT OF MECHATRONICS ENGINEERING

Scan to access detailed study plan in English and Arabic

CONTACT US

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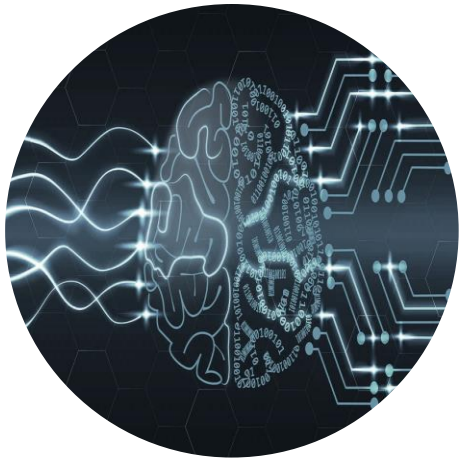
☎ Computer Eng. +962 9 535 5000 Ext. 23000

☎ Mechatronics Eng. +962 9 535 5000 Ext. 23025



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STUDY PLAN
(33 CREDIT HOURS)

1. OBLIGATORY COURSES

(15 Hours)

COURSE TITLE
Research Methodology
Applied Machine Learning
Computer Vision
Robotic Systems
Industrial and Applied Robotics

2. ELECTIVE COURSES

(9 Hours)

COURSE TITLE
Internet of Things Applications
Natural Languages Processing
Unsupervised Learning
Reinforcement Learning
Applied Data Science
Autonomous Mobile Robots
Advanced Control Theory
Advanced Topics in Artificial Intelligence and Robotics

3. MSc Thesis

(9 Hours)

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PRIORITIES OF ADMISSION

First Priority: BSc in any of the Electrical Engineering specializations: Computer Engineering, Mechatronics Engineering, Electrical Engineering, Biomedical Engineering, Communications Engineering.

Second Priority: BSc in the other Engineering Specializations

Third Priority: BSc in AI, Intelligent Systems, and IT Specializations

- Students with the higher BSc GPA will have higher priority per UJ regulations

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