Yarmouk University

Faculty of Information Technology and Computer Science

Master's in Artificial Intelligence

Program Overview

Artificial intelligence is one of the most exciting areas of computer science. Artificial intelligence focuses on areas that use data to develop intelligent systems that can think and have the ability to self-learn. Artificial Intelligence has become a mainstream tool in business leadership, being applied in industries to achieve a range of goals such as: reducing costs, enhancing customer experience and more.

The Master of Artificial Intelligence program focuses on several active fields such as: machine learning, natural language processing, computational intelligence, speech recognition, intelligent interfaces, and robotics. These fields can be used to solve many real-life problems, and can be integrated with other scientific disciplines. Graduates of this program can also help the industry solve real-world problems using the methods and algorithms that students learn during their studies.

Program Objectives

The goal of the program is to provide students with the necessary skills to work as artificial intelligence specialists or to continue their graduate studies in various fields of artificial intelligence.

Program Importance

This program will contribute to providing the information technology market at the national and international levels with competencies in the field of artificial intelligence who are qualified to fill multiple jobs and are able to create opportunities in entrepreneurship.

Targeted group and accepted majors

The applicant for admission to this program is required to have a bachelor's degree in information technology, computer engineering, or any specialty related to information technology approved by the department.

Job Areas

A Master's degree in Artificial Intelligence can open up a wide range of career prospects in various industries and sectors. It is important to note that job titles and specific roles may vary based on industry, company size, and labor market trends.

Here are some potential career paths for individuals with a master's degree in artificial intelligence:

Artificial Intelligence Researcher: Graduates can pursue research roles in academia, research institutions, or industrial laboratories.

Artificial Intelligence Engineer: Artificial Intelligence engineers focus on developing and deploying artificial intelligence systems and applications.

AI Consultant: As an AI consultant, professionals can work with organizations to identify AI opportunities, develop AI strategies, and implement AI solutions that align with business goals.

Additionally, individuals with a master's degree in AI can pursue further academic research or pursue a doctorate in AI-related fields.

Number of credit hours

Study at least (33) credit hours from the 600 level and pass it.

Tuition per credit hours

Jordanian student: 100 Jordanian dinars

International student: 300 US dollars

Study plan overview

The number of study hours is 33 hours, distributed as follows:

1- Compulsory courses for which either 15 credit hours or 24 credit hours according to the student track (thesis/comprehensive).

2- Elective courses (9) credit hours.

3- The master's thesis (9) credit hours for the thesis track

4- The comprehensive exam (0) hours for the comprehensive track.

Contact Information

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