



Yarmouk University

**Faculty of
Information Technology
and Computer Science**

Master's in Computer Information Systems

Program Overview

The Master of Computer Information Systems is designed for students who seek a degree that prepares them for positions in organizations that design, develop or use computer systems. The program is intended to increase the supply of high-quality information technology professionals and to contribute to the professional advancement of employees in the information technology workforce.

Program Objectives

- Participate in the justification, specification, design, development, and implementation of modern enterprise systems for an organization.
- Work with computing technology through:
 - Design, develop, test, and implement software using industry leading practices and/or
 - Develop information technology technical solutions
- Lead and manage IT projects using project management principles.
- Design and implement organizational and IT control mechanisms that lead to a reliable and secure information system.
- Use research methods to investigate a problem from a technical, management and ethical perspective.
- Communicate Information Systems principles and practices effectively and professionally within an enterprise.

Program Importance

Graduates of this program will have up-to-date information technology knowledge and skills, and practical experience with information systems development and deployment.

Targeted group and accepted majors

Applicants to the Master program in Computer Information Systems must hold a bachelor's degree in any of the majors of Information Technology, Computer Science, or Computer Engineering. It is possible also to consider applicants from other disciplines related to information technology.

Job Areas

A graduate of the computer information systems major can work (locally, regionally and globally) in all private and governmental sectors that rely on computer systems in their work, especially after embarking on the implementation of an electronic government project (on the local scale). For example, but not limited to, the graduate can work as:

- Researcher in the field of computer information systems
- Information systems software developer in various sectors such as education, health, tourism, and others
- Information systems project manager
- Consultant
- Teacher.

Number of credit hours

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

Tuition per credit hours

Jordanian student: 80 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 or the comprehensive exam (0) hours for the comprehensive track.



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