

Ministry of Higher Education and Scientific Research  
Scientific Supervision and Scientific Evaluation Apparatus  
Directorate of Quality Assurance and Academic Accreditation  
Accreditation Department



# Academic Program Description Guide

2026-2025



## Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.



## Concepts and terminology:

**Academic Program Description:** The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

**Course Description:** Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

**Program Vision:** An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

**Program Mission:** Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

**Program Objectives:** They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

**Curriculum Structure:** All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

**Learning Outcomes:** A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

**Teaching and learning strategies:** They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

## Academic Program Description Form

**University Name:** University of Mosul

**Faculty/Institute:** College of Administration and Economics

**Scientific Department:** Department of Management Information Systems

**Academic or Professional Program Name:** Management information systems

**Final Certificate Name:** Bachelor in management information systems

**Academic System:** Courses

**Description Preparation Date:** 1/9/2025

**File Completion Date:** 2/9/2025



Signature:

Head of Department Name: Assist Prof. Dr.

Ramadan Mahmood Ramo

Date:

Signature:

Scientific Associate Name: **الاستاذ المساعد الدكتور**  
**سالم خليل خاليد**  
معاون العميد للشؤون العمية  
والدراسات العليا والطلبة

Date:

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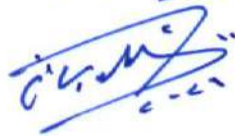
Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Zaid.K.Ibrahim

Signature:





  
أ.د. سنان زهير محمد جميل  
Approval of the Dean

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### 1. Program Vision

Providing pioneering knowledge in the field of management information systems that keeps pace with quality standards, and providing scientifically and practically qualified specialists to work in various sectors.

### 2. Program Mission

Preparing graduates with high competence in the field of administrative information systems and the use of information technologies in completing works and activities in all sectors of the labor market, in line with the government's directions to transform towards digital in all areas of service, in addition to strengthening the knowledge aspect in the field of scientific research to serve society.

### 3. Program Objectives

1. To prepare specialists capable of developing management information systems across various sectors.
2. To prepare qualified personnel to manage organizations electronically in various sectors, in accordance with labor market demands.
3. To conduct scientific research to develop applied knowledge and address the challenges faced by organizations in the field of management information systems.
4. To utilize artificial intelligence tools in delivering educational services and supporting scientific research within the department.
5. To cultivate creativity and innovation skills among students in the Management Information Systems Department.

### 4. Program Accreditation

none

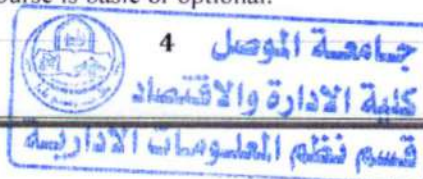
### 5. Other external influences

None

### 6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	4	9	%5.2	Core
College Requirements	2	12	%6.9	Core
Department Requirements	49	151	%86.8	Core
Summer Training	1	2	%1.1	Core

\* This can include notes whether the course is basic or optional.



## 7. Program Description

Year/Level	Course Code	Course Name	Number	
			Hours	Units
First stage	MMIS-1101	Management Information Systems Basics	175	7.00
	MMIS-1102	Principles of Statistics	175	7.00
	MMIS-1103	Principles of Management	150	6.00
	MMIS-1104	Principles of Economics	150	6.00
	UOM-104	Democracy and Human Rights	50	2.00
	UOM-101	Arabic	50	2.00
	MMIS-1205	Management Information Systems	175	7.00
	MMIS-1206	Sustainable Information Systems	150	6.00
	MMIS-1207	Mathematics for Business Management	150	6.00
	MMIS-1208	Accounting Basics	150	6.00
	UOM-103	Computer	75	3.00
	UOM-102	English	50	2.00
	Second Stage	Course Code	Course Name	Credit Hours
theoretical				practical
MIS-2109		Marketing Management	150	6.00
MIS-21010		Human Resource Management	175	7.00
MIS-21011		Fundamentals of Quantitative Methods and SPSS Applications	150	6.00
MIS-21012		Programming Basics	150	6.00
UOM-107		Computer2	75	3.00
UOM-106		English2	50	2.00
MIS-22113		Marketing Information Systems	175	6.00
MIS-22114		Human Resource Information Systems	175	7.00
MIS22115		Information Technology Management	150	7.00
MIS-22016		Python Programming	150	6.00
UOM-105		Arabic2	50	2.00
UOM-108	Baath Party Crimes	50	2.00	
Third Stage	AEMI25_F301	Administrative Communications	2	-
	AEMI25_F303	Electronic business	3	-
	AEMI25_F305	Information systems analysis and design	2	1
	AEMI25_F307	Decision support systems	2	1
	AEMI25_F309	Visual programming	2	2
	AEMI25_F311	Databases	2	2
	AEMI25_F313	Operations Research	1	2
	AEMI25_F302	Communications and Networking	2	-
	AEMI25_F304	Electronic business systems	3	-

	AEMI25_F306	Information systems analysis and design techniques	2	1
	AEMI25_F308	Business intelligence systems	2	1
	AEMI25_F310	Visual programming for business	2	2
	AEMI25_F312	Database management systems	2	2
	AEMI25_F314	Operations research applications	1	2
Fourth Stage	AEMI25_F401	Production and Operations Management (1)	3	-
	AEMI25_F403	Strategic management	3	-
	AEMI25_F405	Financial management	2	1
	AEMI25_F407	Knowledge management	2	-
	AEMI25_F409	Artificial intelligence	2	1
	AEMI25_F411	Statistical applications in computer	1	2
	AEMI25_F412	Research Methodology	2	-
	AEMI25_F402	Production and Operations Management (2)	3	-
	AEMI25_F404	Strategic Information Systems	3	-
	AEMI25_F406	Financial and banking information systems	2	1
	AEMI25_F408	Knowledge management systems	2	-
	AEMI25_F410	Artificial intelligence systems	2	1
	AEMI25_F413	Scientific research project	2	-
	AEMI25_F414	English language (4)	2	-

## 8. Expected learning outcomes of the program

### Knowledge

1. To equip students with knowledge of the latest developments in Management Information Systems (MIS).
2. To enable students to adopt scientific thinking methods in problem-solving.
3. To develop students' talents and abilities in MIS and keep them abreast of advancements in the field.

### Skills

- Providing graduates skills in dealing with applied programs in the field of information technologies and systems and using them in the field of management and decision-making.
- Providing graduates with the knowledge and technical and administrative skills necessary to analyze, design, develop, apply and manage information systems in institutions.

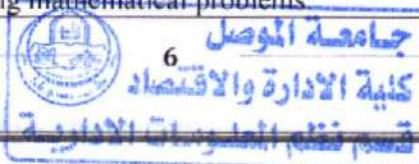
### Ethics

Learning Outcomes 4      Learning Outcomes Statement 4

Learning Outcomes 5      Learning Outcomes Statement 5

## 9. Teaching and Learning Strategies

- 1- Explaining the scientific material to students in detail.
- 2- Students' participation in solving mathematical problems.



- 3- Discussion and dialogue about vocabulary related to the topic.  
4- Participate in discussing case studies and solving problems.

### 10. Evaluation methods

- 1- Exams.  
2- Participate in discussions during lectures.  
3- Papers and assignments.

### 11. Faculty

#### Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer
Professor				3	
Assistant Professor				5	
Teacher				16	
assistant teacher				3	

### Professional Development

#### Mentoring new faculty members

Standards and requirements for the annual performance evaluation followed by the Iraqi Ministry of Higher Education, which includes many classroom scientific activities as well as extracurricular activities.

#### Professional development of faculty members

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### 12. Acceptance Criterion

Central admission regulations, according to the standards of the Ministry of Higher Education and Scientific Research

### 13. The most important sources of information about the program

Student guide for central admission approved by the Ministry of Higher Education and Scientific Research.

### 14. Program Development Plan

