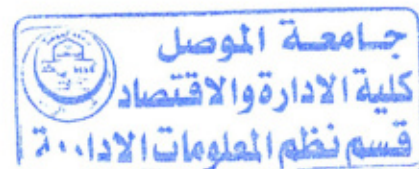


**Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department**



Academic Program Description Guide

2024-2025



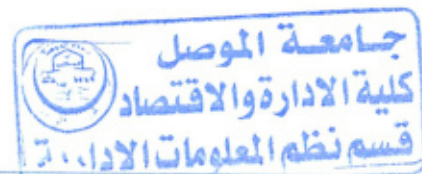
Introduction:

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: 3/5/2025

File Completion Date: 3/5/2025

Signature:

Head of Department Name: Prof.Dr. Ali
Abdulfattah Alshaher

Date:

3/5/2025
رئيس قسم نظم المعلومات الإدارية

Signature:

Scientific Associate Name: prof.Dr.

Alaa Abdulsalam Alhanadany

Date:

3/5/2025
معاون العميد للشؤون العلمية
والدراسات العليا

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 5/5/2025

Signature:

أ.د. سنان زهير محمد جميل
عميد

أ.د. سنان زهير محمد جميل
العميد

Approval of the Dean

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 improve the quality of MIS education and enhance the quality of the department's undergraduate and graduate programs, in line with national, regional, and international standards.
- 2- To develop students' creativity and innovation skills in the field of MIS.
- 3- To prepare specialists capable of developing MIS in various sectors.
- 4- To prepare qualified personnel to manage organizations electronically in various sectors, in line with labor market requirements.
- 5- To conduct scientific research to develop applied knowledge to address the challenges facing organizations in the field of MIS.

6- To employ artificial intelligence tools in providing educational services and supporting scientific research in the 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
	AEMI24_F201	Marketing Management	3	-
	AEMI24_F203	Human Resource Management	3	-
	AEMI24_F205	Programming basics	2	2
	AEMI24_F207	Basics of information systems	2	-
	AEMI24_F209	Business information technology	3	-
	AEMI24_F211	Quantitative methods in business	1	2
	AEMI24_F213	Ba'ath party crimes	2	-
	AEMI24_F202	Marketing Information Systems	2	1
	AEMI24_F204	HR Information Systems	2	1
	AEMI24_F206	C++ Programming	2	2
	AEMI24_F208	Management information systems	2	-
	AEMI24_F210	Computer infrastructure	2	2
	AEMI24_F212	Information and network security	2	-
	AEMI24_F214	English language (2)	2	-
Third Stage	AEMI24_F301	Administrative Communications	2	-
	AEMI24_F303	Electronic business	3	-
	AEMI24_F305	Information systems analysis and design	2	1
	AEMI24_F307	Decision support systems	2	1
	AEMI24_F309	Visual programming	2	2
	AEMI24_F311	Databases	2	2
	AEMI24_F313	Operations Research	1	2
	AEMI24_F302	Communications and Networking	2	-
	AEMI24_F304	Electronic business systems	3	-
	AEMI24_F306	Information systems analysis and design techniques	2	1
	AEMI24_F308	Business intelligence systems	2	1
	AEMI24_F310	Visual programming for business	2	2
	AEMI24_F312	Database management systems	2	2
	AEMI24_F314	Operations research applications	1	2
	AEMI24_F315	English language (3)	2	-
Fourth Stage	AEMI24_F401	Production and Operations Management (1)	3	-
	AEMI24_F403	Strategic management	3	-
	AEMI24_F405	Financial management	2	1

AEMI24_F407	Knowledge management	2	-
AEMI24_F409	Artificial intelligence	2	1
AEMI24_F411	Statistical applications in computer	1	2
AEMI24_F412	Research Methodology	2	-
AEMI24_F402	Production and Operations Management (2)	3	-
AEMI24_F404	Strategic Information Systems	3	-
AEMI24_F406	Financial and banking information systems	2	1
AEMI24_F408	Knowledge management systems	2	-
AEMI24_F410	Artificial intelligence systems	2	1
AEMI24_F413	Scientific research project	2	-
AEMI24_F414	English language (4)	2	-

8. Expected learning outcomes of the program

Knowledge

- Providing students with knowledge of the latest developments in management information systems.
- Developing students' talents and abilities in management information systems, and keeping pace with developments in this field.
- Enabling students to adopt scientific thinking methods in addressing problems.

Skills

- Skills in handling application programs in the field of information technology and systems and their use in management and decision-making.
- Providing graduates with the technical and administrative knowledge and skills necessary to analyze, design, develop, implement, and manage information systems in organizations.
- Scientific research skills.

Ethics

Developing students' abilities to share basic ideas related to the subject

9. Teaching and Learning Strategies

- Daily lectures
- In-lecture discussions
- Questions and answers
- Smart board
- PowerPoint presentations

- Report preparation
- Monthly tests
- Daily tests
- End-of-course tests

10. Evaluation methods

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

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/S skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Professor	Business Administration	Production and Operations Management		Computer	angel	
Professor	Business Administration	Management Information Systems		Computer	angel	
Professor	Business Administration	Management Information Systems		Computer	angel	
Professor	Business Administration	Management Information Systems		Computer	angel	
Professor	Business Administration	Management Information Systems		Computer	angel	
Assistant professor	Business Administration	Management Information Systems		Computer	angel	
Assistant professor	Business Administration	Management Information Systems		Computer	angel	

Assistant professor	Business Administration	Management Information Systems	Computer	angel	
Assistant professor	Computer Science	Artificial Intelligence	Computer	angel	
Assistant professor	Management Information Systems	Management Information Systems	Computer	angel	
Lecturer	Business Administration	Management Information Systems	Computer	angel	
Lecturer	Business Administration	Management Information Systems	Computer	angel	
Lecturer	Computer Science	Software Industry	Computer	angel	
Lecturer	Computer Science	Databases	Computer	angel	
Lecturer	Statistics	Applied Statistics	Computer	angel	
Lecturer	Statistics	Applied Statistics	Computer	angel	
Lecturer	Statistics	Applied Statistics	Computer	angel	
Lecturer	Management Information Systems	Management Information Systems	Computer	angel	
Lecturer	Management Information Systems	Management Information Systems	Computer	angel	
Lecturer	Management Information Systems	Management Information Systems	Computer	angel	
Lecturer	Statistics	Applied Statistics	Computer	angel	
Lecturer	Management Information Systems	Management Information Systems	Computer	angel	
Assistant lecturer	Business Administration	Technology Management	Computer	angel	
Assistant lecturer	Computer Science	Computer systems analysis	Computer	angel	
Assistant lecturer	Management Information Systems	Management Information Systems	Computer	angel	
Assistant lecturer	Management Information Systems	Management Information Systems	Computer	angel	

Assistant lecturer	Computer Science	Information Systems		Computer	angel	
Assistant lecturer	Management Information Systems	Management Information Systems		Computer	angel	

Professional Development

Mentoring new faculty members

- Developing new faculty members' multiple administrative skills, such as teamwork and decision-making skills in academic and administrative work.
- Improving the performance of new faculty members in line with the changes and requirements of the era and academic curricula.

Professional development of faculty members

- Developing faculty members' skills by relying on modern technological methods and innovating new learning alternatives.
- Improving faculty members' skill levels, whether in the fields of teaching, scientific research, or community service.
- Promoting the principle of continuous education and learning among faculty members, which is considered the most important factor in the success of the professional development program.

12. Acceptance Criterion

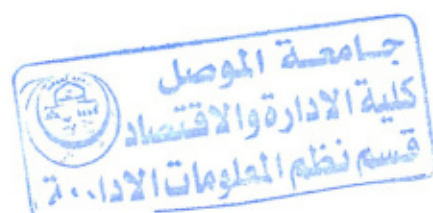
- Central admission according to the standards of the Ministry of Higher Education and Scientific Research
- Special government admission (parallel)

13. The most important sources of information about the program

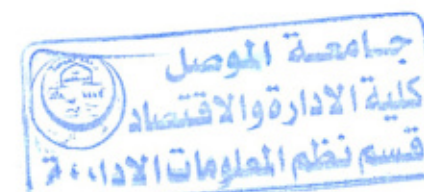
- Textbooks
- External Books
- Scientific Research
- Theses and Dissertations

14. Program Development Plan

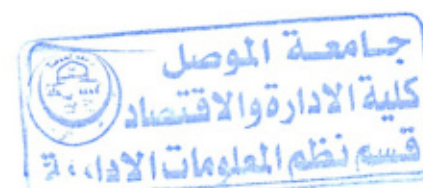
- Encouraging faculty members with titles (Assistant Lecturer and Lecturer) to seek promotion to higher academic titles.
- Encouraging faculty members with a Master's degree to pursue a doctorate, whether locally or abroad, in the program's specialization.
- Encouraging faculty members with a PhD to participate in postdoctoral research fellowships abroad.



Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
First stage	MMIS-1101	Management Information Systems Basics	Basic	✓						✓				✓	
	MMIS-1102	Principles of Statistics	Basic	✓				✓					✓		
	MMIS-1103	Principles of Management	Basic		✓				✓			✓			
	MMIS-1104	Principles of Economics	Basic	✓						✓		✓			
	UOM-104	Democracy and Human Rights	Basic		✓			✓					✓		
	UOM-101	Arabic	Basic	✓					✓					✓	
	MMIS-1205	Management Information Systems	Basic		✓				✓				✓		



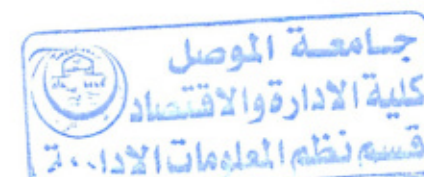
	MMIS-1206	Sustainable Information Systems	Basic	✓					✓			✓			
	MMIS-1207	Mathematics for Business Management	Basic	✓				✓				✓			
	MMIS-1208	Accounting Basics	Basic		✓				✓			✓			
	UOM-103	Computer	Basic	✓					✓				✓		
	UOM-102	English	Basic		✓					✓				✓	
Second stage	AEMI24_F201	Marketing Management	Basic	✓				✓				✓			
	AEMI24_F203	Human Resource Management	Basic		✓				✓			✓			
	AEMI24_F205	Programming basics	Basic	✓					✓				✓		
	AEMI24_F207	Basics of information systems	Basic		✓					✓				✓	
	AEMI24_F209	Business information technology	Basic	✓					✓				✓		



	AEMI24_F211	Quantitative methods in business	Basic	✓				✓				✓			
	AEMI24_F213	Ba'ath party crimes	Basic	✓					✓			✓			
	AEMI24_F202	Marketing Information Systems	Basic	✓					✓				✓		
	AEMI24_F204	HR Information Systems	Basic		✓					✓				✓	
	AEMI24_F206	C++ Programming	Basic	✓					✓				✓		
	AEMI24_F208	Management information systems	Basic	✓				✓				✓			
	AEMI24_F210	Computer infrastructure	Basic		✓				✓			✓			
	AEMI24_F212	Information and network security	Basic	✓					✓				✓		
	AEMI24_F214	English language (2)	Basic		✓				✓					✓	
Third stage	AEMI24_F301	Administrative Communications	Basic	✓					✓				✓		

AEMI24_F303	Electronic business	Basic	✓				✓				✓			
AEMI24_F305	Information systems analysis and design	Basic		✓				✓			✓			
AEMI24_F307	Decision support systems	Basic	✓					✓				✓		
AEMI24_F309	Visual programming	Basic		✓					✓				✓	
AEMI24_F311	Databases	Basic	✓					✓				✓		
AEMI24_F313	Operations Research	Basic	✓				✓				✓			
AEMI24_F302	Communications and Networking	Basic		✓				✓			✓			
AEMI24_F304	Electronic business systems	Basic	✓					✓				✓		
AEMI24_F306	Information systems analysis and design techniques	Basic		✓					✓				✓	

- Please tick the boxes corresponding to the individual program learning outcomes under evaluation.



	AEMI24_F308	Business intelligence systems	Basic	✓					✓				✓		
	AEMI24_F310	Visual programming for business	Basic	✓				✓				✓			
	AEMI24_F312	Database management systems	Basic		✓				✓			✓			
	AEMI24_F314	Operations research applications	Basic	✓					✓				✓		
	AEMI24_F315	English language (3)	Basic		✓					✓				✓	
Fourth stage	AEMI24_F401	Production and Operations Management (1)	Basic	✓					✓				✓		
	AEMI24_F403	Strategic management	Basic	✓				✓				✓			
	AEMI24_F405	Financial management	Basic		✓				✓			✓			
	AEMI24_F407	Knowledge management	Basic	✓					✓				✓		

AEMI24_F409	Artificial intelligence	Basic		✓					✓				✓	
AEMI24_F411	Statistical applications in computer	Basic	✓					✓				✓		
AEMI24_F412	Research Methodology	Basic	✓				✓				✓			
AEMI24_F402	Production and Operations Management (2)	Basic		✓				✓			✓			
AEMI24_F404	Strategic Information Systems	Basic	✓					✓				✓		
AEMI24_F406	Financial and banking information systems	Basic		✓					✓				✓	
AEMI24_F408	Knowledge management systems	Basic	✓					✓				✓		
AEMI24_F410	Artificial intelligence systems	Basic	✓				✓				✓			

	AEMI24_F413	Scientific research project	Basic		✓				✓			✓			
	AEMI24_F414	English language (4)	Basic	✓					✓				✓		

