

**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

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: 15/4/2024

File Completion Date: 16/4/2024

Signature:

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

Date:

Signature:

Scientific Associate Name:

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date:

Signature:

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– Preparing specialists with the ability to develop management information systems in various sectors.
- 2– Preparing qualified cadres to manage organizations electronically in various sectors in accordance with the requirements of the labor market.
- 3– Conducting scientific research to develop applied cognitive aspects to solve the obstacles facing organizations in the field of management information systems.

4. Program Accreditation

none

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5. Other external influences
none

6. Program Structure				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements				
Summer Training				
Other				

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

7. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
First stage	AEMI24_F101	Business Administration (1)	3	-
	AEMI24_F103	Financial Accounting (1)	2	2
	AEMI24_F105	Mathematics for business management	2	2
	AEMI24_F107	Partial economy	2	-
	AEMI24_F109	Computer skills	1	2
	AEMI24_F112	English Language (1)	2	-
	AEMI24_F102	Business Administration (2)	3	-
	AEMI24_F104	Financial Accounting (2)	2	2
	AEMI24_F106	Statistics for business management	2	2
	AEMI24_F108	Macroeconomics	2	-
	AEMI24_F110	Human rights and democracy	2	-
	AEMI24_F111	English readings in management information systems	2	-

	AEMI24_F113	Arabic Language	2	-
Second Stage	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 about everything that is current in the sciences of management information systems

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					4	
Assistant Professor					5	
Teacher					13	
assistant teacher					4	

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

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.

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

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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	AEMI24_F101	Business Administration (1)	Basic	✓						✓				✓	
	AEMI24_F103	Financial Accounting (1)	Basic	✓				✓					✓		
	AEMI24_F105	Mathematics for business management	Basic		✓				✓			✓			
	AEMI24_F107	Partial economy	Basic	✓						✓		✓			
	AEMI24_F109	Computer skills	Basic		✓			✓					✓		
	AEMI24_F112	English Language (1)	Basic	✓					✓					✓	
	AEMI24_F102	Business Administration (2)	Basic		✓				✓				✓		
	AEMI24_F104	Financial Accounting (2)	Basic	✓					✓			✓			

	AEMI24_F106	Statistics for business management	Basic	✓				✓				✓			
	AEMI24_F108	Macroeconomics	Basic		✓				✓			✓			
	AEMI24_F110	Human rights and democracy	Basic	✓					✓				✓		
	AEMI24_F111	English readings in management information systems	Basic		✓					✓				✓	
	AEMI24_F113	Arabic Language	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		✓					✓				✓	

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

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	Basic		✓					✓				✓

		and design techniques													
	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	✓					✓				✓		

