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

Academic Program and Course Description Guide Doctorate

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: .Mosul.

Faculty/Institute: .Collage of Adminstration & Economics

Scientific Department: ...Industruial management Dept.

Academic or Professional Program Name: Dectorate on Industruial Manngement

Final Certificate Name: P...H..D Industruial Management.

Academic System: .Course

Description Preparation Date:

File Completion Date:

Signature: Signature:

Head of Department Name: Scientific Associate Name:

Dr. Raad Adnan Raouf   Prof. Dr. Alaa Abdulsalam
                                                       Alhamadany
Date: 2024/4/3   Date:
                                                       23/4/2024

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 24/04/2024

Signature:

3

1. Program Vision

In response to developments and changes in the labor market and working to provide academics with high scientific abilities and skills that meet the requirements of the labor market and raise the scientific level of educational institutions in the public and private sectors.

2. Program Mission

Providing scientific cadres with specializations capable of keeping pace with developments in the field of higher education and actively contributing to solving practical problems in the practical field.

3. Program Objectives

1. Knowledge enrichment in the field of specialization.
2. Building analytical capabilities to interact with and address problems.
3. Encouraging and motivating the student to generate creative ideas in addressing problems in the field of production and operations.

4. Program Accreditation

ACSB

5. Other external influences

Ministry of Higher Education

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 year / first course	AEIM19-701	Production management	3	
	AEIM19-702	Advanced manufacturing systems	3	
	AEIM19-703	Environmental Management	3	
	AEIM19-704	Technologies Management	3	
	AEIM19-705	Ergonomics	3	
	AEIM19-706	Statistical analysis	3	
First year / second course	AEIM19-707	Quality management Systems	3	
	AEIM19-708	Qualitative methods	3	
	AEIM19-709	Marketing techniques	3	
	AEIM19-7010	Industries logistics management	3	
	AEIM19-7011	Maintenance management	3	
	AEIM19-706	Specialized research circle	3	

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1
Skills	
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

9. Teaching and Learning Strategies

Teaching strategies: lecture, discussion, problem solving, project-based learning, cooperative learning, brainstorming, discovery learning, and e-learning.

Learning strategies: spaced practice, studying, inferring, exchanging ideas, providing examples, and double coding.

10. Evaluation methods

Exams, assignments, daily assignments, discussions, end-of-course reports, master's thesis.

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full–time, and part–time faculty at the institution and department level.
Professional development of faculty members
Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

12. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

13. The most important sources of information about the program

State briefly the sources of information about the program.

14. Program Development Plan

Program Skills Outline

Year/Level	Course Code	Course Name	Basic or optional	Required program Learning outcomes											
				Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4

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