

**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

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: Basra.....

Faculty/Institute: Administration and Economics.....

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Scientific Department: **Banking and Finance**.....

Academic or Professional Program Name: **Bachelor's degree in Finance and Banking**

Final Certificate Name: **Bachelor's degree in Finance and Banking**.....

Academic System:quarterly.....

Description Preparation Date: *5/10/2023*

File Completion Date: *3/3/2024*

Signature:

Head of Department Name:

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

It seeks to be one of the leading higher education institutions at the University of Basra in the field of modern education and scientific research through its scientific, research and administrative activities. It also works to provide an integrated path for its students to make them active and creative in serving society in the economic and financial fields.

2. Program Mission

Working to prepare and graduate leading scientific and leadership competencies in the administrative and accounting fields and to develop the balance of knowledge in the field of scientific research to serve the local, regional and international community, as well as training and refining the minds of students scientifically and cognitively, and emphasizing social and cultural values and responding to the requirements of the local market.

3. Program Objectives

1. Embodying the vision, mission and goals of the University of Basra and applying the best educational practices with a focus on ensuring and enhancing quality and performance.
2. Striving to create conscious societies with a depth of knowledge that contributes to supporting the scientific and cultural movement
3. Serious work in creating a leadership society in the financial and administrative fields capable of advancing the country's situation and bringing it to distinguished levels.
4. The college seeks to conclude scientific and cultural cooperation agreements with corresponding colleges and corresponding departments in different colleges to achieve best practices in the fields of teaching, learning and translation.
5. Focusing on the educational and moral aspects of all its members and spreading the spirit of dedication, tolerance, commitment and work to serve the

nation.

6. Paying attention to intellectual and cultural construction through openness to the experiences of other countries in the fields of languages, literature and translation.

4. Program Accreditation

Does the program have program accreditation? And from which agency?

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	30	30		
College Requirements	yes			
Department Requirements	yes			
Summer Training	nothing			
Other				

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

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
2023-2024 / third level		Operations research	theoretical	practical

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8. Expected learning outcomes of the program

Knowledge	
Informing students about the importance of operations research as one of the most important analytical methods in the administrative and financial fields	
Skills	
Expanding students' skills in adopting multiple mathematical analysis models	
Ethics	
Developing students' financial and economic analysis capabilities	

9. Teaching and Learning Strategies

- Explaining the scientific material by addressing the clarification of the most prominent methods and models used in financial analysis
- 2- Involving students in the scientific subject by presenting examples that enrich everything related to the scientific subject

10. Evaluation methods

Weekly, monthly, daily exams and the end-of-semester exam

11. Faculty

Faculty Members

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

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

- 1 d. Fawzia Omar Ghaleb: Lectures in Operations Research: University of Basra, College of Administration and Economics
2. D. Hamed Al-Shammari: Operations Research "Concept and Application", Demo Press Printing Corporation, Beirut.

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

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

Course Description Form

1. Course Name:					
: Operations research					
2. Course Code:					
3. Semester / Year:					
semester					
4. Description Preparation Date:					
3/3/2024					
5. Available Attendance Forms:					
My presence only					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 hours per semester. 2 hours per week					
7. Course administrator's name (mention all, if more than one name)					
Name: M. Hassan Haider Abdul Karim Emad hussain.hayder@uobasrah.edu.iq					
8. Course Objectives					
1- Providing students with the skill of apply statistical analysis models			•	
2 - Expanding the skill of applying operation research models in financial decisions			•	
9. Teaching and Learning Strategies					
Strategy		1- Educational strategy, collaborative concept planning. 2- Brainstorming education strategy. 3- Education Strategy Notes Series			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			Explaining t	Weekl	
2	2		scientific	month	
3	2	A theoretic framework	material	daily,	

4	2	operations	explaining a	written
5	2	research	clarifying t	and ex
6	2	Methods	most	of-
7	2	building	prominent	semes
8	2	mathematic	operations	exams
9	2	model	research	
10	2	operations	models used	
11	2	research	financial a	
12	2	Explaining t	administrati	
13	2	most	analysis	
14	2	prominent		
15	2	forms		
16		linear		
17	2	programmin		
18	2	The graphi		
19	2	method		
19	2	solving line		
20	2	programmin		
21	2	problems		
22	2	The simplifi		
23	2	method		
24	2	solving line		
25	2	programmin		
26	2	problems		
27	2	Big M meth		
28	2	for solvi		
29	2	linear		
30	2	programmin		
		problems		
		Transport		
		models		
		Mathematic		
		model of t		
		transportati		
		problem		
		The		
		northwest		
		corner		
		method		
		solving		
		transportati		
		problems		
		Less		

		<p>expensive method</p> <p>Vogel estimation method</p> <p>Unbalanced transport model</p> <p>How navigate through empty boxes</p> <p>Modified distribution method</p> <p>find optimal solution to transportation problem</p> <p>Business networks</p> <p>Business network analysis</p> <p>Critical path method</p> <p>Burt's method in analyzing business networks</p> <p>Binary model</p> <p>Waiting queue analysis</p>			
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11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	