

Academic program description form

University Name Basrah

Faculty / Institute Administration and Economics

Scientific Department Administrative information system

Academic or Professional Program Name Operations Research

Final Certificate Name Bachelor's degree in administrative information systems

Academic system courses

Description Preparation Date: 21/2/2024

File completion Date : 21/2/2024

Signature:

Head of Department Name :

Date:

Signature:

Scientific Associate Name:

Date:

The file is checked of quality assurance and university performance

Director of the quality assurance and university performance department:

Date :

Signature:

Approval of the Dean

1. Program vision

Program vision is written here as stated in the university`s catalogue and website

2. Program mission

Program mission is written here as stated in the university`s catalogue and website

3. Program objectives

General statements describing what the program or institution intends to achieve

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				
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
			50%	50%

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 and learning strategies and methods adopted in the implementation of the program in general
10. Evaluation methods
Implemented at all stages of the program in general

11. Faculty						
Faculty members						
Academic rank	Specialization		Special requirements/skills if applicable)		Number of teaching staff	
	General	Special			Staff	Lecturer
Assist prof	statistic	Applied statistics			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
State briefly the sources information about the program
14.Program development plan

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 objectives	<ul style="list-style-type: none"> • Increasing its capabilities and activating it in the quantitative aspect of management, which constitutes an innovative idea in innovation as well as conveying a general idea about the concepts of results in complex analysis, which are useful in the field of business management and also help in the field of operations research with a number of applications.
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9. Teaching and learning strategies

Strategy	The style of the lecture delivered by the professor, in addition to asking intellectual questions, identifying the student's technical problems, and discussing daily assignments
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10. Course structure

Week	hours	Required learning outcomes	Unit or subject name	Learning method	Evaluation method
(1,2,3,4)	3*4=12	Quantitative analysis of management	Linear programming and its branches	The meeting includes focused and intense lectures	Continuous examinations during the academic year
(5,6,7,8)	3*4=12		Linear programming and its branches		
(12,11,10,9)	3*4=12		Duality and sensitivity analysis		
(16,15,14,13)	3*4=12		Duality and sensitivity analysis		
(20,19,18,17)	3*4=12		Duality and sensitivity analysis		
(24,23,22,21)	3*4=12		Duality and sensitivity analysis		
(28,27,26,25)	3*4=12		Duality and sensitivity analysis		

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, reportsetc

12. Learning and teaching resources

Required textbooks (curricular books, if any)	
Main references (sources)	Course books Operations Research book by Dr. Hamdi Taha
Recommended books and references (scientific journals, reports	
Electronic references, website	