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: **University of Basrah**

Faculty/Institute: **College of Administration and Economics**

Scientific Department: **Department of Statistics**

Academic or Professional Program Name: **Quality control–2**

Final Certificate Name: **Bachelor's degree in STATISICS**

Academic System: **semester**

Description Preparation Date: 4/2/2024

File Completion Date: 1/3/2024

Signature:

Head of Department Name:

A. Prof. Dr. Bahaa Abdul Razzaq Qasim

Date:

Signature:

Scientific Associate Name:

Assis Prof. Dr. Amaar Yusif Dither

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

The College of Administration and Economics at the University of Basra aspires to be among the ranks of distinguished colleges globally in the economic, administrative, accounting, statistical and financial fields and to be distinguished scientifically and administratively and in the quality of service it provides to society and stakeholders at the national, Arab and international levels and to be committed to the academic professional culture among the ranks of academics and employees. In addition to pursuing development prospects in the university academic aspects (education, research, and service).

2. Program Mission

The College of Administration and Economics at the University of Basra seeks to provide the best service to the community and parties that exchange interests and benefits with it, and with the university through accurate diagnosis of their current and future needs and achieving an effective and efficient response to these needs and expectations by ensuring the quality of all university operations and practices (educational, research, advisory, and administrative) according to the following:

1. The best investment of the college's resources and energies through effective commitment to implementing the provisions of the quality assurance and academic accreditation system.
2. Improving the performance of human resources (academic and functional) through participation in specialized and advanced teaching and development courses inside and outside the country.
3. 3. Preparing plans and programs that include using the resources (material, financial, and technical) available to the college to improve the college's overall performance.

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. Preparing specialized cadres capable of serving the community and preparing for the preparation of future specializations.
3. The college seeks to conclude scientific and cultural cooperation agreements with corresponding colleges and corresponding departments in different universities to achieve best practices in the fields of education and learning.
4. Focus on the practical application aspect that contributes to building the student's academic character

4. Program Accreditation

None

5. Other external influences

None

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	**Yes**			
College Requirements	**Yes**			
Department Requirements	**Yes**			**Basic course**
Summer Training	———			
Other	**Quality Control-2**	**2**		

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

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
2023-2024/ The second stage		**Quality Control-2**	**2**	**-**

8. Expected learning outcomes of the program

Knowledge

1- Identify control panels using advanced statistical methods
2- Identify methods of inspection by inspection.

Skills

1- Accuracy in drawing advanced control panels
2- The statistical methods used must be understood and studied
3- Use the sampling method in examination plans
4- Providing students with the skill of decisions made regarding results and methods of qualitative control

Ethics
1- Instilling values and principles in the student 2- Emphasizing personal traits such as integrity, honesty, confidentiality, and ethics.

9. Teaching and Learning Strategies

1- Adopting the theoretical basis and providing the student with all the vocabulary of the curriculum.
2- Adopting the discussion method by presenting some ideas during the lecture so that it develops the student's ability to understand the topic directly.
3- Providing applied examples through digital examples that simulate the topics covered in theory so that the student's knowledge picture is complete theoretically and practically.
4- Adopting the immediate examination method (written and analytical) to develop the spirit of competition among students.
5- Adopting the assignment method after completing any topic within the specified academic vocabulary.

10. Evaluation methods

1. Daily exams and Monthly exams and final course.

2. Asking direct questions and forming a class discussion circle.

3. Solve exercises and assignments.

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer
Lecturer doctor	Statistics	Applied statistics	Ability to model and analyze using statistical programs and higher programming languages	Staff	

Professional Development

Mentoring new faculty members
_____.

Professional development of faculty members
_____

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**

Introduction to statistical quality control, 2015, Baghdad--   Dr.. Nazih Al-Mashhadani.

14.	Program Development Plan

Introducing the technical and programming aspect in adopting statistical methods in displaying quality control panels

− Trying to link study topics to the reality of actual work through field visits to statistics departments in state departments and industrial facilities that deal with quality control of products.

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:
Quality Control-2

2. Course Code:

3. Semester / Year:
Semester-2/ 2023-2024

4. Description Preparation Date:
4-2-2024

5. Available Attendance Forms:
Classes

6. Number of Credit Hours (Total) / Number of Units (Total)
Total 30 /and 2 unite

7. Course administrator's name (mention all, if more than one name)
Name: L.D. Ali Abdulzahra Hassan Ali Email: ali.hassan@uobasrah.edu.iq

8. Course Objectives

. Teaching students the means and methods of controlling quality from the statistical aspect and according to several methods **• The course aims to use quality control panels using advanced statistical methods** **• Learn about inspection plans and other types of plans** **• Developing their awareness regarding quality control, its importance, types and stages of examination**

9. Teaching and Learning Strategies

1- Teaching students the foundations of qualitative control and giving them the skill of formulation a transforming the reality of a problem into a mathematical and statistical method.
2- Providing students with the skill of applying statistical solution methods for types of control panels.
3- Providing students with the skill of interpreting and presenting results digitally and graphically.
4- Providing students with the skill of decisions made regarding results and methods of qualitative control

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2		Control panels and advanced statistical techniques - Introduction	In classrooms	Daily exams, direct discussion questions and monthly exams
2	2		Moving arithmetic media panel		
3	2		Moving Geometric		

			Circles Panel		
4	2		Accumulated Sum panel		
5	2		Multivariate panel		
6	2		Preview examination		
7	2		Preview inspection plan		
8	2		Single examination plan		
9	2		Double screening plan		
10	2		Multi-stage screening plan		
11	2		Sequential inspection plan		
12	2		Use a binomial distribution		
13	2		Use hypergeometric distribution		
14	2		Use Poisson distribution		
15	2		Use normal distribution		

11. Course Evaluation

25 marks for the first month's exam, including (20) marks for the monthly exam and (5) marks for daily activities
25 marks for the second month's exam, including (20) marks for the monthly exam and (5) marks for daily activities.
Final pursuit score (50) marks

12. Learning and Teaching Resources

introduction to statistical quality control, 2015, Baghdad	Dr.. Nazih Al-Mashhadani
Standardization and quality control in industrial facilities" 1990, University of Mosul	Abdel Sattar Muhammad Al Ali and Basman Faisal Mahjoub