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Academic Program and Course Description Guide

2024

the introduction

The educational program is considered a coordinated and organized package of academic courses that includes procedures and experiences organized in the form of academic vocabulary, the main purpose of which making them qualified to is to build and refine the skills of graduates, meet the requirements of the labor market. It is reviewed and evaluated annually through internal or external audit procedures and programs such .as the external examiner program

The description of the academic program provides a brief summary of the main features of the program and its courses, indicating the skills that students are working to acquire based on the objectives of the academic tion is evident because it program. The importance of this descrip represents the cornerstone of obtaining program accreditation, and the teaching staff participates in writing it under the supervision of the .scientific committees in the scientific departments

This guide, in its second edition, includes a description of the academic program after updating the vocabulary and paragraphs of the previous guide in light of the latest developments in the educational system in Iraq, academic program in its traditional which included a description of the form (annual, quarterly), in addition to adopting the description of the academic program circulated according to the book of the Department of Studies 3/2906. On 5/3/2023 regarding programs that adopt the Bologna .s as a basis for their workProces

In this area, we can only emphasize the importance of writing descriptions of academic programs and courses to ensure the smooth conduct of the .educational process

:Concepts and terminology

academic program Description of the: The description of the academic program provides a brief summary of its vision, mission, and goals, including an accurate description of the targeted learning outcomes according to specific learning .strategies

Course Description: Provides a necessary summary of the most important characteristics of the course and the learning outcomes expected of the student to achieve, demonstrating whether he or she has made the most of the available .program description learning opportunities. It is derived from the

An ambitious picture for the future of the academic program to be a :Program Vision .developed, inspiring, motivating, realistic and applicable program

It briefly explains the goals and activities necessary to :The program's mission .achieve them, and also defines the program's development paths and directionsa

These are statements that describe what the academic program :Program objectives intends to achieve within a specific period of time and are measurable and .observable

All courses/study subjects included in the academic program :Curriculum structure according to the approved learning system (semester, annual, Bologna track), whether it is a requirement (ministry, university, college, or scientific department), .the number of study units along with

A consistent set of knowledge, skills, and values that the student :Learning outcomes has acquired after the successful completion of the academic program. The learning achieves the program outcomes for each course must be determined in a way that a .objectives

They are the strategies used by the faculty : Teaching and learning strategies member to develop the student's teaching and learning, and they are plans that are l curricular and followed to reach the learning goals. That is, it describes al .extracurricular activities to achieve the learning outcomes of the programme

Academic program description form

University name: University of Basra

College/Institute: College of Administration and Economics

of Statistics Scientific Department: Department

Statistics Name of the academic or professional program: Bachelor's in.

Statistics Name of final degree: Bachelor's in

Academic system: semester

Description preparation date: 2/22/2024

ile: 2/22/2024 Date of filling the f

Signature:

Head of Department Name:

Bahaa A. Qasim

Date:

Signature:

Scientific Associate Name:

Assis Prof. Dr. Ammar Yousif Dhicher

Date:

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Division of Quality Assurance and University Performance

Name of the Director of the Quality Assurance and University

:Performance Division

the date

the signature

Authentication of the Dean

1. See the program

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

2. Program message

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 re needs and achieving an effective and efficient response to these accurate diagnosis of their current and futu needs and expectations by ensuring the quality of all university operations and practices (educational, research, advisory, and administrative) according to the following:

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

3. Program Goals

1. and applying the best educational ' Basra of a university Embodying the vision, mission and goals .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. nclude scientific and cultural cooperation agreements with corresponding The college seeks to co to achieve best practices in the fields colleges and corresponding departments in different universities .of education and learning
4. in other ruction through openness to tradersPaying attention to intellectual and cultural const .countries in the fields
5. Focus on the practical application aspect that contributes to building the student's academic .character

4. Program accreditation

nothing

5. Other external influences
nothing

6. Program structure				
* comments	percentage	Study unit	Number of courses	Program structure
Basic course	%100	139	60	Enterprise requirements
			Yes	College requirements
			Yes	Department requirements
			There is	summer training
				Other

.Notes may include whether the course is core or elective *

7. Program description				
Credit hours		Name of the course or course	Course or course code	Year/level
practical	theoretical			
	3	Statistics1		First stage, first 2024/2023 –course
	3	Calculus		
2	1	Calculators1		
	2	Management principles		
	2	Economy		
	2	Human rights and democracy		
	2	Arabic Language		

	3	Statistics2		First stage, second 2024/2023 –course
	3	the odds		
	3	Integration		
2	1	Computer2		
	2	accounting		
	2	English		
	3	Preview		Second stage, first 2024/2023 –course
	2	Economic statistics1		
	2	control		
	2	matrices		
2	2	Sequences		
2	1	MATLAB1		
	2	Baath crimes		Second stage, –second course 2024/2023
	3	Probability distributions		
	2	Control2		
	2	Surveys		
2	2	Differential equations		
2	1	MATLAB2		
	2	Economic statistics2		Third stage, first 2024/2023 –course
	3	Statistics R1		
	2	Vital1		
	3	Regression1		
	2	Demographic1		
2	1	SPSS1		
	3	Numerical1		Third stage, second 2024/2023 –course
	3	R2 statistic		
	3	Regression2		
	2	Vital2		
	3	Operations research		
2	1	SPSS2		
	2	Demographic2		
	3	Numerical2		
	2	Scientific research methodology		

	2	Vital2		
	3	Econometrics1		Fourth stage, first 2024/2023 –course
	3	Inference1		
	3	Chains1		
	3	Multi1		
	3	Design1		
2	1	Applications1		
	3	Econometrics2		Fourth stage, second 2024/2023 –course
	3	Inference2		
	3	Chains2		
	2	Multi2		
	3	Design2		
2	1	Applications2		
	2	research project		

8. Expected learning outcomes of the programme
Knowledge
The course aims to introduce the science of inferential statistics and is divided into two parts: estimation, which deals with the characteristics of good estimators and methods of estimating by a point and estimating by an interval, while the second is testing hypotheses, which explains the concept of a statistical hypothesis, its part . types, and mathematical methods for determining the critical region for the test
Skills
hem using The ability to construct and analyze problems for all problems and how to solve t inferential statistics
Value
Developing the student’s academic personality so that he has the ability to think, analyze, and make statistical issues-decisions regarding statistical and non

9. Teaching and learning strategies
<ol style="list-style-type: none"> 1. with all the vocabulary the student providing and Adopting the theoretical basis . 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. iding applied examples through digital examples that simulate the topics Prov 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 .spirit of competition among students the**
5. **Adopting the assignment method after completing any topic within the specified . academic vocabulary**

10. Evaluation methods

1. .Daily exams
2. .Asking direct questions and forming a class discussion
3. .Solve exercises and assignments
4. .Monthly exams

11. education institution

Faculty members

Preparing the teaching staff		Special requirements/skills (if any)	Specialization		Scientific rank
lecturer	angel		private	general	
	angel		Applied statistics	Counting	Assistant Professor
	angel		Applied statistics	Counting	Assistant Professor
	angel		Applied statistics	Counting	Assistant Professor
	angel		Applied statistics	Counting	Assistant Professor
	angel		Applied statistics	Counting	Assistant Professor

	angel	mathematics	Applied statistics	mathematics	Assistant Professor
	angel		Applied statistics	Continuing	Teacher
	angel		Applied statistics	Continuing	Teacher
	angel		Applied statistics	Continuing	Teacher
	angel		Applied statistics	Continuing	Teacher
	angel		Applied statistics	Continuing	Teacher
	angel		Applied statistics	Continuing	Teacher
	angel		Applied statistics	Continuing	Teacher
	angel		Applied statistics	Continuing	assistant teacher
	angel		Applied statistics	Continuing	assistant teacher
	angel		Applied statistics	Continuing	assistant teacher

Professional development
Orienting new faculty members
<ul style="list-style-type: none"> 1- Subjecting them to teaching methods tests 2- Involving them in practical lectures with teachers with high academic titles 3- Organizing workshops, courses, conferences and scientific seminars

4- Instructions for the educational process and quality and accreditation standards

Professional development for faculty members

5- Organizing workshops, courses, conferences and scientific seminars

Instructions for the educational process and quality and accreditation standards

12. Acceptance standard

According to admission controls and instructions set by the Ministry of Higher Education and Scientific Research

13. The most important sources of information about the program

1- **Systematic sources identified by the sectoral body**

2- Resources taught in the scientific departments of the corresponding colleges

3- Solid scientific websites on the Internet

14. Program development plan

Conducting field visits to government institutions and the sector to familiarize students with the practical application of their specialty and how to develop the educational process and link it to the labor market

Program skills chart															
				Learning outcomes required from the programme											
level / Year	Course Code	Course Name	Essential or optional	Knowledge				Skills				Value			
				A1	A2	A3	A4	1 B	B2	B3	B4	C1	2 C	C3	C4
First stage, first -course 2024/2023		Statistics1	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Calculus	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Calculators1	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Management principles	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Economy	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Human rights and democracy	Basic	√	√	√	√	√	√	√	√	√	√	√	√
First stage, -second course 2024/2023		Arabic Language	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Statistics2	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		the odds	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Integration	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Computer2	Basic	√	√	√	√	√	√	√	√	√	√	√	√

		accounting	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		English	Basic	√	√	√	√	√	√	√	√	√	√	√	√
Second stage, –first course 2024/2023		Preview	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Economic statistics1	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		control	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		matrices	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Sequences	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		MATLAB1	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Baath crimes	Basic	√	√	√	√	√	√	√	√	√	√	√	√
Second stage, –second course 2024/2023		Probability distributions	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Control2	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Surveys	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Differential equations	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		MATLAB2	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Economic statistics2	Basic	√	√	√	√	√	√	√	√	√	√	√	√

Third stage, first –course 2024/2023	Statistics R1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Vital1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Regression1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Demographic 1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	SPSS1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Numerical1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
Third stage, –second course 2024/2023	R2 statistic	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Regression2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Vital2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Operations research	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	SPSS2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Demographic 2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Numerical2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Scientific research methodology	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Vital2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√

Fourth stage, first -course 2024/2023	Econometrics 1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Inference1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Chains1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Multi1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Design1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Applications1	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
Fourth stage, -second course 2024/2023	Econometrics 2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Inference2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Chains2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Multi2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Design2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	Applications2	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√
	research project	Basic	√	√	√	√	√	√	√	√	√	√	√	√	√

Please check the boxes corresponding to the individual learning outcomes from the program subject to evaluation ●

