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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 aking them qualified to is to build and refine the skills of graduates, m 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 learning opportunities. It is derived from the program description.

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

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

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: 2/22/2024Date of filling the f

Signature: *Bahaa*
Head of Department Name:
Bahaa A. Qasim
Date: 22/2/2024

Signature:
Scientific Associate Name:
Assis Prof. Dr. Ammar Yousif Dhicher
Date: 22/2/2024

Check the file before
Division of Quality Assurance and University Performance
Name of the Director of the Quality Assurance and University Weaam Yassin
:Performance Division
the date 22/2/2024.
the signature

Authentication of the Dean

4

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

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

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

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

	2	Vital2		
	3	Econometrics1		Fourth stage, first
	3	Inference1		2024/2023 −course
	3	Chains1		
	3	Multi1		
	3	Design1		
2	1	Applications1		
	3	Econometrics2		Fourth stage, second
	3	Inference2		2024/2023 −course
	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

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	Countin g	Assistant Professor
	angel		Applied statistics	Countin g	Assistant Professor
	angel		Applied statistics	Countin g	Assistant Professor
	angel		Applied statistics	Countin g	Assistant Professor
	angel		Applied statistics	Countin g	Assistant Professor

	angel	mathematics	Applied statistics	mathem atics	Assistant Professor
	angel		Applied statistics	Countin g	Teacher
	angel		Applied statistics	Countin g	Teacher
	angel		Applied statistics	Countin g	Teacher
	angel		Applied statistics	Countin g	Teacher
	angel		Applied statistics	Countin g	Teacher
	angel		Applied statistics	Countin g	Teacher
	angel		Applied statistics	Countin g	Teacher
	angel		Applied statistics	Countin g	assistant teacher
	angel		Applied statistics	Countin g	assistant teacher
	angel		Applied statistics	Countin g	assistant teacher

Professional development
Orienting new faculty members
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	√	√	√	√	√	√	√	√	√	√	√	√

Stage		Course	Type												
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 ●