

**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:

Faculty/Institute: Alkut University college

Department: Anesthesia Techniques

Academic or Professional Program Name: Anesthesia Techniques Final

Certificate Name: Anesthesia Techniques

Academic System: Course

Description Preparation Date: 30/3/2024

File Completion Date: 30/3/2024

Signature:

Head of Department

Name: A.Prof.Dr.Talib Saddam Mhesen

Signature:

Scientific Associate Name: Prof.Abdul Zahra Humaidy

Date:

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Signature:

Approval of the Dean

Date:

1. Program Vision

The department provides various health institutions with specialized health personnel to fill the shortage in the field of anesthesia currently and in the future

2. Program Mission

Providing an educational and technical research environment that stimulates learning and creativity, contributing to the preparation of highly qualified graduates, achieving effective local and international scientific twinning, and strengthening partnership with various sectors of society

3. Program Objectives

Department of Anesthesia Techniques: The department aims to prepare health personnel specialized in anesthesia techniques with high skills to work in health institutions, where the graduate will do the following: 1. Preparing the patient before performing the surgical procedure in the operating room. 2. Giving the patient the appropriate doses of anesthesia. 4. Operating and maintaining anesthesia devices and equipment. 5. Dealing with anesthetic materials used to anesthetize the patient

4. Program Accreditation

A detailed study was submitted to obtain accreditation, including a self-evaluation report, improvement plan, and conformity report.

5. Other external influences

Alkut university college

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	45	180	100%	
College Requirements				
Department Requirements	45	180	100%	
Summer Training	2	Satisfied	100%	
Other				

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

7. Program description

Year/level	Course or course code	Name of the course or course	Credit hours	
			theoretical	practical
2023/2024				
The first stage, the first semester				
		Medical physics1	2	4
		Anatomy1	2	4
		General physiology1	1	4
		General chemistry	2	4
		Biology	2	4
		Computer principles1	1	2
		Human rights and democracy	1	1
		English	3	
The first stage, the second semester				
		Medical physics2	2	4
		Anatomy2	2	4
		General physiology2	1	4
		Biochemistry	2	4
		Microbiology	2	4
		Computer principles2	1	2
		Arabic	2	-
The second stage, the first semester				
		Foundations of anesthesia1	2	4
		Basics of anesthesia devices1	2	4
		Applied physiology1	2	4
		Fundamentals of surgery1	1	4
		Foundations of internal medicine1	2	4
		Pharmaceuticals1	2	2
		medical terminology	2	-

The second stage, the second semester		Foundations of anesthesia²	2	4
		Basics of anesthesia devices²	2	4
		Applied physiology²	2	4
		Fundamentals of surgery²	1	4
		Foundations of internal medicine²	2	4
		Pharmaceuticals²	2	2
		Biostatistics	1	2
The third annual stage				
		Anesthesia²	3	5
		Anesthesia device techniques²	2	5
		Intensive care techniques¹	2	5
		Surgery²	1	3
		Internal Medicine²	2	3
		Computer applications	1	2
The fourth annual stage				
		Anesthesia³	2	4
		Anesthesia device techniques³	4	2
		Surgical internal medicine	1	4
		Nursing	1	4
		Intensive care techniques²	2	4
		The project	-	5

8. Expected learning outcomes of the programme

Knowledge

Preparing cadres specialized in anesthesia techniques

Managing operating theaters and intensive care units in government hospitals and the private sector¹

Skills

Working on anesthesia machines

Value	
Preparing cadres specializing in anesthesia techniques who hold a bachelor's degree ⁴	The ability to prepare graduates in the specialty of anesthesia techniques

9. Teaching and learning strategies

Blended education, which consists of in-person education, including classrooms with smart screens and specialized educational laboratories according to academic subjects, in addition to electronic communication with students for the purpose of assigning some assignments and instructions.

10. Evaluation methods

Implementing it in all stages of the program in general.

11. education institution

Faculty members

Scientific rank	Specialization		Special requirements/skills (if any)		Preparing the teaching staff	
	general	private			angel	lecturer
Assistant prof.. Dr. Talib Saddam Mohsen	Phy siology	Rheumatology	Head of Department		Yes	
.Dr. Hasaneen Kudhair Abdull Abass	Microbiolog y	Clinical immunology gy	Assistant Head of Department		Yes	
Assistant prof.Dr.Mohammed Sammer Yaha					Yes	
Assistant prof.Dr.Falih Abid Ali					Yes	
Dr.Saif Abass Ateia	Medicine	Anesthesia and intensive care	Teaching		Yes	
Dr.Ammer Faddil Sadiq	Medicine	Anesthesia and intensive care				Yes

Dr.Dainaa Salam Sami	Medicine	Anesthesia and intensive care			Yes	
Dr.Adel Waleed Omar	Medicine	Anesthesia and intensive care			Yes	
Dr.Gassan Hammdy Hussain	Medicine	General surgery			Yes	
Dr.Moqdam Mohammed Hammadi	Medicine	General surgery				Yes
Dr.Abdull Husain Arzaig	Medicine	General surgery			Yes	
Professor Dr .Mahmood sroor	Physics	Medical physics			Yes	
Dr.Rasha Ibraheem Salman	Lifesciences	Physiology				Yes
Dr.Saja Hussain	Lifesciences	Microbiology				Yes
Dr.Nawras Najah Mobark	Lifesciences	Physiology				Yes
Dr.Shahad Mohammed Qassim	Lifesciences	Physiology				Yes
Sarmad Abdull Kadhim	Anesthesia	Ansthesia and intensive care			Yes	
Mushtaaq Twias	Anesthesia	Ansthesia and intensive care			Yes	
Zainab Hameed Eddan	Physics	Medical physics				Yes
Dumma Jassim Mohammed	Law	Special law			Yes	
Mushal Hail Sabah	Arabic	Arabic			Yes	

Professional development

Orienting new faculty members

- Adherence to official working hours.
- Commitment to the timings of lectures, exams, and the course of the educational process.
- Encouraging the completion of scientific research.
- Follow up on the progress of lectures and completion rates for lectures.
- Conduct a self-report assessment.

Professional development for faculty members

- Carrying out various scientific activities (seminars, courses, discussion groups, etc.).
- Participation in scientific conferences.
- Participation in scientific activities related to continuing education.

12.Acceptance Criterion

The admission plan for the Department of Medical Laboratory Technology is 650 morning students

13.The most important sources of information about the program

The official website of the college and university.

14.Program Development Plan

The strategic plan for developing the educational program is described by the department and members of the Scientific Committee.

Program skills chart

				Outputs Learning required from the program												
the year / the level	Code The decision	name The decision	Essential or optional?	Knowledge				Skills				Value				
				a1	a2	a3	a4	B1	B2	B3	B4	C1	C2	C3	C4	
The first Academic Stage /first Semester		Medical physics1	Basic	Yes												
		Anatomy1	Basic	Yes												
		General physiology 1	Basic	Yes												
		General chemistry	Basic	Yes												
		Biology	Basic	Yes												
		Computer principles1	Basic	Yes												
		Human rights and democracy	Basic	Yes												
		English	Basic	Yes												

First stage /second Semester		Medical physics2	Basic															
		Anatomy2	Basic	Yes														
		General physiology 2	Basic	Yes														
		Biochemistry	Basic	Yes														
		Microbiology	Basic	Yes														
		Computer principles2	Basic	Yes														
		Arabic	Basic	Yes														
The second Stage first semester		Foundations of anesthesia1																
		Basics of anesthesia devices1	Basic	Yes														
		Applied physiology 1	Basic	Yes														

		Fundamentals of surgery1	Basic	Yes													
		Foundations of internal medicine1	Basic	Yes													
		Pharmaceuticals1	Basic	Yes													
		medical terminology	Basic	Yes													
The second Stage		Foundations of anesthesia2															
Second semester		Basics of anesthesia devices2	Basic	Yes													
		Applied physiology 2	Basic	Yes													
		Fundamentals of	Basic	Yes													

		surgery2															
		Foundations of internal medicine2	Basic	Yes													
		Pharmaceuticals2	Basic	Yes													
		Biostatistics	Basic	Yes													
Third stage																	
		Anesthesia 2	Basic	Yes													
		Anesthesia device techniques 2	Basic	Yes													
		Intensive care techniques 1	Basic	Yes													
		Surgery2	Basic	Yes													

		Internal Medicine2	Basic	Yes													
		Computer application s	Basic	Yes													
Fourth stage		Anesthesia 3	Basic	Yes													
		Anesthesia device techniques 3	Basic	Yes													
		Surgical internal medicine	Basic	Yes													
		Nursing	Basic	Yes													
		Intensive care techniques 2	Basic	Yes													
		The project	Basic	Yes													

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

