

**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:Alsafwa University collage.....

Scientific Department: ...Anesthesia.....

Academic or Professional Program Name: ... Technology Anesthesia.....

Final Certificate Name: ... Bachelor of Anesthesia Technology.....

Academic System:Course systems.....

Description Preparation Date: 16-10-2024

File Completion Date: 16-10-2024

Signature:

Head of Department Name:

prof. Dr. Kadhim Abbas Hasani

Date: 19/10/2024

Signature:

Scientific Associate Name:

prof. Dr. Haider Gabil Ken

Date: 19/10/2024

The file is checked by: Prof. Dr. Moaz H. Ali

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 19/10/2024

Signature:

Approval of the Dean

Prof. Muhsin F. El-Demerdash

1. Program vision

field of anesthesia Safwa University College seeks to prepare graduates in the–AI techniques to work in government departments (health and medical) and benefit .from this important specialty in the medical aspect (especially practical)

2. Program message

leadership competencies Working to prepare and graduate pioneering scientific and in the field of anesthesia techniques and in developing the knowledge base in the To serve .field of scientific research in the field of anesthesia and intensive care minds scientifically 'the medical community, as well as train and refine students and cognitively, emphasize social and cultural values, and respond to the .requirements of the local market

3. Program objectives

- 1- Aims The program Academic to application Principles And methods To follow the patient during And after Operations Surgical Ionliness in Care Concentrated It depends on practice Medicine Hadith In a way active on number significant from Technologies and principles Tools in science Anesthesia And I have performed need salt to Accuracy in Methods Diagnosis And treatment And improve and to Its performance Development Continuous For technologies And tools A used in area Anesthesia .
- 2- numbers Angels Specialized And capable on the job in Areas Techniques Anesthesia Medical Which Located on Her shoulder responsible study need Country in Evolution And progress And able on Meet Needs market the job in Institutions Health The State And sectors Industry, preparation generation cultured Armed With knowledge And it depends on it Basically healthy To create Changes And puts root The Knowledge Scientific And the style

Scientific in Thinking And analysis in service Goals Country Capable from tracking The Supreme His study And adaptation with development Technologies Medical from Okay Keep up expansion Needs Humanity.

4. Program accreditation

There is

5. Other external influences

Graduation Project – Summer Training

6. Program Structure

* comments	percentage	Study unit	Number of courses	Program Structure
				Institutional Requirements
			Yes	College Requirements
		181	48	Department Requirements
			There is	Summer training
				Other

.Notes may include whether the course is basic or optional *

7. Program Description

Credit hours		Course name	Course code	Year/Level
practical	theoretical			
4	2	Medical Physics 1	Anes001	First / First Course
4	2	Anatomy 1	Anes002	First / First Course
4	2	Physiology 1	Anes003	First / First Course

4	2	General Chemistry	Anes004	First / First Course
4	2	Public Neighborhoods	Anes005	First / First Course
	2	Human rights and democracy	Anes006	First / First Course
2	1	Computer principles	Anes007	First / First Course
	2	english language	Anes008	First / First Course
4	2	Medical Physics 2	Anes009	First / Second Course
4	2	Anatomy 2	Anes0010	First / Second Course
4	2	Physiology 2	Anes0011	First / Second Course
4	2	Biochemistry	Anes0012	First / Second Course
4	2	Microbiology	Anes0013	First / Second Course
2	1	Computer Principles 2	Anes0014	First / Second Course
4	2	Basics of Anesthesia 1	Anes0015	Second / First Course
4	2	Applied Physiology	Anes0016	First / Second Course
4	1	Basics of Surgery	Anes0017	Second / First Course
4	2	Esoteric foundations	Anes0018	Second / First Course
2	2	Pharmaceuticals 1	Anes0019	Second / First Course
	1	terms Medical	Anes0020	Second / First Course
4	2	Anesthesia Equipment Basics	Anes0021	Second / First Course

	2	Crimes of the Baath regime in Iraq	Anes0022	Second / First Course
4	2	Fundamentals of Anesthesia 2	Anes0023	Second / Second Course
4	2	Physiology 2 Applied	Anes0024	Second / Second Course
4	1	Fundamentals of Surgery 2	Anes0025	Second / Second Course
4	2	Foundations of Esotericism 2	Anes0026	Second / Second Course
2	2	Pharmaceuticals 1	Anes0027	Second / Second Course
2	1	Statistics	Anes0028	Second / Second Course
4	2	Anesthesia Equipment Basics 2	Anes0029	Second / Second Course
	2	Arabic	Anes0030	Second / Second Course
5	2	Anesthesia1	Anes0031	Third / First Course
4	2	Fundamentals of Intensive Care1	Anes0032	Third / First Course
4	2	Medicine 1 Internal	Anes0033	Third / First Course
3	1	Surgery 1	Anes0034	Third / First Course
4	2	Anesthesia Device Techniques1	Anes0035	Third / First Course
2	1	Computer Applications1	Anes0036	Third / First Course
5	2	Anesthesia2	Anes0037	Third / Second Course
4	2	Critical Care Basics 2	Anes0038	Third / Second Course
4	2	Internal Medicine 2	Anes0039	Third / Second Course

3	1	Surgery 2	Anes0040	Third / Second Course
4	2	Anesthesia Device Techniques2	Anes0041	Third / Second Course
2	1	Computer Applications2	Anes0042	Third / Second Course
4	2	Anesthesia 3	Anes0043	Fourth
4	2	Intensive care	Anes0044	Fourth
4	2	Anesthesia devices3	Anes0045	Fourth
4	2	Surgical internal medicine	Anes0046	Fourth
4	2	Nursing	Anes0047	Fourth
	2	english language	Anes0048	Fourth

8. learning outcomes of the program Expected	
Knowledge	
1- to learn How to to prepare pharmaceutical And solutions Required For anesthesia 2- He knows basics the sciences Required 3- to understand details the Scientific Required	1- Keeping pace with the development of the field of anesthesia and intensive care 2- Communicate with everything new or useful and develop it 3- Learn skills Required To deal With the sweets Different in Anesthesia intensive care and 4- can from Contribution in Resuscitation cases And intervention According to what It is necessary.
Skills	
1- that Attends The student Materials .Necessary	1- that Used The student Tools .correctly

2- that Leads The student procedures The occasion when Facing from 'Critical cases	2- that Applies The student what Learn it .practical
Values	
1-Commitment to the ethics of the university institution	1- Developing students' ability to share ideas
9. Teaching and learning strategies	
1- Learning Self 2- The lecture 3- Learning Cooperative 4- The project 5- Storm Mental 6- interrogation 7- Discussion 8- Interactive presentations	
10. Evaluation methods	
.Weekly, monthly, daily and end of year exams	

Faculty -11						
Faculty members						
Faculty preparation		Requirements/Special Skills (if any)		Specialization		Academic Rank
lecture r	ange l			specialty	Certificate	
	Yes			chemistry	Master's	Ahmed Abbas Kazim
	Yes			Life Sciences	Master's	Ahmed Abdul Karim Hadi

	Yes			to drug	Master's	Ahmed Mekky is a substitute
	Yes			Arabic Islamic sciences	PhD	Israa Najm Abdul Redha
	Yes				Master's	Israa Hashem Abdel Ali
	Yes			Biology	Master's	Mohamed Ali's wedding
	Yes			General Medicine and Surgery	PhD	Amir Hamed Mohsen
	Yes			General Surgery	PhD (Board)	Amir Abbas Sarheed
	Yes			Nursing	Masters	Amir Mahmoud Abdel
	Yes			to drug	Master's	Anmar Hassan Hadi
	Yes			Chemistry	PhD	Anmar Hamid Balouh
	Yes			Chemistry	Master's	Ouss Ahmed Ne'meh
	Yes			Veterinary medicine	Master's	Iman Aboud Hussein
	Yes			nursing	Master's	Bahaa Karim Jawad
	Yes			Electrical Engineering	Master's	Benin Mohammed and Nas Abdel
	Yes			count	Master's	Ali Tamara Ghani

	Yes			Medical Technologies	Master's	Hussein Jawad Kazim Ali
	Yes			chemistry	Master's	Hussein Salman Sobh
	Yes			Chemistry	Master's	Hussein Ali Hussein Reda
	Yes			Anesthesiology	PhD	Hussein Mohammed Ali
	Yes			nursing	Master's	Hamza Muslim Abu Saud
	Yes			General medicine	Master's equivalent board	Hanan Fawzy Mohammed
	Yes			Life Sciences	Master's	Hawra Abdel Hamid Mohsen
	Yes			Biochemistry	Master's	Haider Hassoun Mohammed
	Yes			nursing	Master's	Haider Abdul Hussein Khader
	Yes			Biochemistry	Master's	Haider Ali Abdul Zaid
	Yes			Anesthesia	Master's	Haider Makhif Banai
	Yes			nursing	Master's	Haider Mohammed Jabbar
	Yes			Life Sciences	Master's	Haider Nabil

						Hamid Abdul
	Yes			Sciences Life	Master's	Rabia Salman Hamid
	Yes			Pathological analysis	Master's	The Messenger of Abdul Amir Taqi
	Yes			Veterinary medicine	Master's	Visions of Khalid Jabbar Shah
	Yes			Science in Nursing	Master's	Visions of Majeed Daoud
	Yes			Anesthesia techniques	Master's	Rasha Jaber Mohammed Tareeb
	Yes			law	Master's	Jabbar Salman's time
	Yes			General Physics	Master's	Zahraa Sobhi Sultan
	Yes			Esoteric	Higher Diploma	Zahraa Ali Taama
	Yes			Anesthesia and intensive care	PhD	Zaid Mohammed Ali owner
	Yes			Life Sciences	Master's	Beautiful Zina Jawad
	Yes			to drug	Master's	Sajjad Mohammed Maher
	Yes			nursing	Master's	Hello Hafez Mohsen Nahi
	Yes			Anesthesia techniques	Master's	Hello Hussein Majeed

	Yes			General Medicine and Surgery	Board	Shawn Ismail Omar
	Yes			law	Master's	Saleh Karim Mahdi
	Yes			Life Sciences	Master's	Saleh Faisal Jaber
	Yes			law	Master's	Amer Abdul Rahman Mohsen
	Yes			English language	Master's	Abbas Malaji Hussein
	Yes			Computer Science	Master's	Abdul Hassan Shalal Sadiq
	Yes			Nursing Sciences	Master's	Abdulrahma n Jassim Hassan
	Yes			Anesthesia and intensive care	PhD	Issam Shia Khader
	Yes			Anesthesia and intensive care	Master's	Alaa Hussein Obaid
	Yes			Computer Science	Master's	Ali Haider Hussein
	Yes			Life Sciences	PhD	Ali Salam is lost
	Yes			to drug	Master's	Ali Abdul Zahra Jassim
	Yes			nursing	Master's	Ali Abdul Sajjad
	Yes			General Physics	Master's	Ali Majbal Mahdi
	Yes			Anesthesia and intensive care	PhD	Ghazwane Abdul Rahim Abdul

	Yes			Medicine and Surgery	PhD	Kazem Abbas Hassani
	Yes			English language	Master's	Karar Fadel Aziz Mohammed
	Yes			Physics	Master's	Laith Haider Hamid
	Yes			English language education	Master's	Laila Raed Hussein
	Yes			Physics	Master's	Muthanna Mohammed Abdul
	Yes			Anesthesia techniques	Master's	Mohammed Abdul Zahra Saasaa
	Yes			General Medicine and Surgery	Master's	Mohammed Aqil Abbas
	Yes			nursing	Master's	Mohammed Mortada Jabbar
	Yes			nursing	Master's	Mohammed Hindi Jaryan
	Yes			English language education	Master's	Mr. Mahmoud Saheb Ahmed
	Yes			nursing	Master's	Mustafa Raad Ali
	Yes			nursing	Master's	Supporter Abdul Jabbar Abdul Hassan
	Yes			English Literature	Master's	News of Abbas Hussein

	Yes			Chemistry	Master's	Nebras Naima Jabr
	Yes			Chemistry	Master's	of Call Abdul Amir Jassim
	Yes			Life Sciences	Master's	Hoda Mohammed Kazim
	Yes			law	Master's	Hadeel Samir Ahmed
	Yes			nursing	Master's	Hadeel Kazem Mohammed Ali
	Yes			nursing	Master's	Wassim Abdul Kadhim Abdul
	Yes			Anesthesia	PhD (Board)	And Sinan Mohammed Saeed
Yes				Physics	PhD	Ali Fadel Mohammed
Yes				Anesthesia	Master's	Thaer Karim Aliwi
Yes				Chemistry	Master's	Furqan Kafah Kazem Jabr
Yes				English language	Master's	Fatima Hadi Saleh
Yes				Microscopic revival	Master's	Noor Muhand Nouri Faisal
Yes				Life Sciences	PhD	Ali Arkan is unknown
Yes				Computer Science	PhD	Ahmed Saleh Ghafel

Yes				Computer Science	Master's	Elham Mohamed Thabet Abdel Amir
Yes				Medical and radiation physics	Master's	Abbas Rashid Hussein phone
Yes				Life Sciences	Master's	Zahraa Abdul Razzaq Abdul Amir
	Yes			Anesthesia techniques	Bachelor's	Istabraq Hassan Abadi
	Yes			Veterinary medicine and surgery	Bachelor's	Duaa Saeed Abdullah
	Yes			Anesthesia techniques	Bachelor's	Ali Younis Jaber
	Yes			Chemistry	Bachelor's	Hoda Salem Hamza Mayah
	Yes			Life Sciences	Bachelor's	Hanin Falah Nouri Kazim
	Yes			Veterinary medicine and surgery	Bachelor's	Hoda Najih Mahdi Mohammed
	Yes			to drug	Bachelor's	
	Yes			Pathological analysis	Bachelor's	Hind Gazar Hamza Mahdi
	Yes			veterinarian	Bachelor's	Mohammed Jameel Ali
	Yes			Nursing	Bachelor of Nursing	Ali Adel Jassim Abdul

	Yes			Chemistry	Bachelor's	Israa Fadel Abbas Abdel
	Yes			nursing	Bachelor's	Baqer Salman Hadi
	Yes			to drug	Bachelor's	Nour Hamza Abu Shoun-Al
	Yes			to drug	Bachelor's	Zahraa Hassan Abdel Hay
	Yes			Medical Technician	Bachelor's	Saja Amjad Ahmed
	Yes			Bachelor of Anesthesia	Bachelor's	Suha Jasb is small
	Yes			Bachelor of Anesthesia	Bachelor's	Zainab Assistant Body Commander
	Yes			sciences	Bachelor's	Samuel Ali Hussein
	Yes			nursing	Bachelor's	Mortada Hassan Abdul Zahra
	Yes			Veterinary medicine and surgery	Bachelor's	Ala Abbas Hussein
	Yes			nursing	Bachelor's	Ghaith Saad Jabbar
	Yes			Bachelor of Anesthesia	Bachelor's	Sadiq Ahmed Farag
	Yes			Anesthesia techniques	Bachelor's	Safaa Mortada Hamid
	Yes			to drug	Bachelor's	Hajar Ahmed Fadel
	Yes			Anesthesia techniques	Bachelor's	The world is named

						Ghazi Abdul Hussein
	Yes			Anesthesia techniques	Bachelor' s	Mona Mohamed Ahmed Ali
	Yes			Anesthesia techniques	Bachelor' s	Sarah Abdullah Hussein Ali
	Yes			Anesthesia techniques	Bachelor' s	Flowers Khalil Ibrahim Ahmed

Professional development
members Orientation of new faculty
Directing faculty members on the necessity of presenting the scientific material and how to deliver the scientific material to the student, in addition to developing the .curriculum
Professional development for faculty members
scientific laboratories in terms of conducting new and innovative Developing practical experiments
11. Acceptance Criteria
ministry Systems According to Central Acceptance and High school For study rate Scientific And research High education

12. of information about the program The most important sources
1- Books prescribed by the Ministry of Higher Education 2- External scientific sources 3- Using the Internet and scientific libraries
13. Program development plan
He owns Section a lot from Plans methodology And research from Okay development Section and the environment Scientific where It works presidency Department and Council Section And the committee Scientific on to provide all Requirements from Okay development Section.

Program Skills Chart															
Required learning outcomes of the program															
Values				Skills				Knowledge				Essential or optional	Course name	Course code	/ Year Level
Part 4	Part 3	Part 2	A1	B 4	B 3	B 2	B 1	A4	A3	A2	A1				
√	√	√	√	√	√	√	√	√	√	√	√	essential	Medical Physics 1 Anatomy 1	Anes001 Anes002	First / First Course First / First Course
√	√	√	√	√	√	√	√	√	√	√	√	essential			
√	√	√	√	√	√	√	√	√	√	√	√	essential	Physiology 1 General Chemistry	Anes003 Anes004	First / First Course First / First Course
√	√	√	√	√	√	√	√	√	√	√	√	essential			

√	√	√	√	√	√	√	√	√	√	√	√	optional	Public Neighborhoods Human rights and democracy	Anes005 Anes006	First / First Course First / First Course
√	√	√	√	√	√	√	√	√	√	√	√	optional			
√	√	√	√	√	√	√	√	√	√	√		optional	Computer principles	Anes007 Anes008	First / First Course First / First Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	english language		
√	√	√	√	√	√	√	√	√	√	√	√	essential	Medical Physics 2	Anes009	First / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Anatomy 2	Anes0010	First / Second Course

√	√	√	√	√	√	√	√	√	√	√	√	essential	Physiology 2	Anes0011	First / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Biochemistry	Anes0012	First / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Microbiology	Anes0013	First / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Computer Principles 2	Anes0014	First / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Basics of Anesthesia 1	Anes0015	Second / First Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Applied Physiology	Anes0016	Second / First Course

√	√	√	√	√	√	√	√	√	√	√	√	essential	Basics of Surgery	Anes0017	Second / First Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Esoteric foundations	Anes0018	Second / First Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Pharmaceuticals 1	Anes0019	Second / First Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Medical terms	Anes0020	Second / First Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Anesthesia Equipment Basics	Anes0021	Second / First Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Crimes of the Baath regime in Iraq	Anes0022	Second / First Course

√	√	√	√	√	√	√	√	√	√	√	√	essential	Fundamentals of Anesthesia 2	Anes0023	Second / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Applied Physiology 2	Anes0024	Second / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Fundamentals of Surgery 2	Anes0025	Second / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Foundations of Esotericism 2	Anes0026	Second / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Pharmaceuticals 1	Anes0027	/ Second Second Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Statistics	Anes0028	Second / Second Course

√	√	√	√	√	√	√	√	√	√	√	√	essential	Anesthesia Equipment Basics 2	Anes0029	Second / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Arabic	Anes0030	Second / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Anesthesia1	Anes0031	Third / First Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Fundamentals of Intensive Care1	Anes0032	Third / First Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Internal Medicine 1	Anes0033	Third / First Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Surgery 1	Anes0034	Third / First Course

√	√	√	√	√	√	√	√	√	√	√	√	essential	Anesthesia Device Techniques1	Anes0035	Third / First Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Computer Applications1	Anes0036	Third / First Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Anesthesia2	Anes0037	Third / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Critical Care Basics 2	Anes0038	Third / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Internal Medicine 2	Anes0039	Third / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Surgery 2	Anes0040	Third / Second Course

√	√	√	√	√	√	√	√	√	√	√	√	essential	Anesthesia Device Techniques2	Anes0041	Third / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	optional	Computer Applications2	Anes0042	Third / Second Course
√	√	√	√	√	√	√	√	√	√	√	√	essential	Anesthesia 3	Anes0043	Fourth
√	√	√	√	√	√	√	√	√	√	√	√	essential	Intensive care	Anes0044	Fourth
√	√	√	√	√	√	√	√	√	√	√	√	essential	Anesthesia devices3	Anes0045	Fourth
√	√	√	√	√	√	√	√	√	√	√	√	optional	Surgical internal medicine	Anes0046	Fourth
√	√	√	√	√	√	√	√	√	√	√	√	optional	Nursing	Anes0047	Fourth
√	√	√	√	√	√	√	√	√	√	√	√	optional	english language	Anes0048	Fourth

.Please tick the boxes corresponding to the individual learning outcomes of the programme being assessed *

