

Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Directorate of Quality Assurance and Academic Accreditation
Accreditation Department



2024

Academic Program and Course Description Guide

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 Al-Qadisiyah

Faculty/Institute: College of medicine

Scientific Department: Pathology & Forensic medicine

Academic or Professional Program Name: General Medicine and Surgery

Final Certificate Name: Bachelor's degree in General Medicine and Surgery

Academic System: courses

Description Preparation Date:

File Completion Date:

Signature:

Head of Department Name:

Date:

Signature:

Scientific Associate Name:

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

Seeking to make the College of Medicine in Al-Qadisyah University a distinguished college among the medical colleges in Iraq in the field of medical education. Additionally, to make it has a clear imprint in promoting the health field in the Iraqi community and works to provide distinctive proposals and views for basic and clinical medical sciences to ensure meeting the health needs of the community at the local and national levels.

2. Program Mission

Al Qadisyah medical college aims at producing medical doctors that are able to participate effectively in the health care delivery system whether in Iraq or any other country

The curriculum is designed to provide students with the necessary knowledge, skills and attitudes in order to function as safe doctors and have the baseline for lifelong learning in the medical field in the future

The teaching methods are guided by learning objectives that ensure delivering basic biomedical, behavioral and social and clinical subjects which help creating an efficient junior doctor who is competent, motivated and professional.

It is a well-established strategy that students are heard and welcomed to provide feedback about different aspects of the learning process and they are considered as an essential part in the decision making in the college used for continuous planning for improvement of the whole institution.

3. Program Objectives

Graduating distinguished doctors and rehabilitating them scientifically, professionally and ethically so that they can provide health and medical care to individuals, families and society on sound scientific bases and in accordance with the noble moral, social and humanitarian values with great interest in primary health care

- Developing curricula, teaching aids and methods to improve quality based on international quality standards and academic accreditation

- Achieving accreditation through the institutional capacity standards of the college. Achieving academic accreditation standards for student and graduate programs offered by the college

Continuous support for distinguished cadres of faculty members through an academic environment that encourages production and creativity

θ Continuous development of the scientific research system to identify and diagnose major health problems in the community, propose appropriate scientific solutions to them, and keep pace with development in basic and clinical medical sciences.

4. Program Accreditation

An application has been made for national accreditation for medical colleges

5. Other external influences

Not found

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	2	4		Basic
College Requirements	2	4		Basic
Department Requirements	2	4		Basic
Summer Training	Not found			-
Other				-

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

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
			theoretical	practical
4 th stage	?	Forensic medicine	60	60

8. Expected learning outcomes of the program

Knowledge

- ❖ Study and define the meaning of forensic medicine in general, its global systems, the local system, its divisions (living and autopsy departments)
- ❖ Definition of death, signs and causes.
- ❖ Description of all types of violent injuries. (vocabulary of the initial medical forensic report)
- ❖ Description of etymology.
- ❖ Study sexual offences, virginity test, sterility and impotence.
- ❖ DNA testing applications in forensic medicine.

Skills

- ❖ Demonstrate the probable and confirmed signs of death, diagnose its occurrence, timing and death certificate edition.
- ❖ Description of trauma and the methods of editing all kinds of forensic medical reports.
- ❖ Examination of hymen.
- ❖ Age estimation, clinically and by x-ray.

Ethics

- ❖ Stimulating the sense of preserving and developing scientific gains by clarifying the rights and duties of a newly graduated doctor.

- ❖ Recognize and apply appropriate professional attitudes and problem solving skills.
- ❖ Perform scientific research.
- ❖ Work and learn within a team and communicate ideas and arguments effectively.

9. Teaching and Learning Strategies

- ❖ Lectures
- ❖ Practical classes
- ❖ Small group discussion with case study and problem solving
- ❖ formative assessment

10. Evaluation methods

Written Examination: Assessment of knowledge and understanding and intellectual skills. These are usually done as summative assessments at the mid & end of each semester

Practical Examination: A. Assessment of practical skills.

B. Intellectual skills

- a. Station
- b. Objective Structured Test (OST)
- c. Photos
- d. Report

1. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
2 prof	MBChB	Pathology			1	8
2 Ass.prof	MBChB	Pathology				
2 Lecturer	MBChB	Pathology				
Lecturer	MBChB	Forensic medicine				
Ass. Lecturer	MBChB	Pathology				

Professional Development

Mentoring new faculty members

One-on-one mentorship with a near-peer mentor. The department chair will assign new faculty a mentor who is in more of a peer position.

Professional development of faculty members

Teaching: Demonstrate an interest and growth in teaching

- Establish and maintain a teaching portfolio
- Classroom observations, student outcomes
- Become an effective advisor
- Other activities, e.g., undergraduate research, implement safe laboratory procedures, support co- or extra-curricular activities or events.

Professional Growth:

- Plan for publication or other significant professional activity, as appropriate for discipline.
- Participate in local or regional conferences or professional organization activities

2. Acceptance Criterion

According to the student's central acceptance rate

3. The most important sources of information about the program

الطب القضائي واداب المهنة الطبية

Text book of Forensic Medicine and Toxicology

Forensic Pathology

الوجيز في الطب العدلي

4. Program Development Plan

Reliance on clinical tutors; we recruit recent medical graduates for small groups in teaching lab. Focusing more on Sample questions: that should be posted weekly based on the learning objectives for the week for the students to study by themselves.

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
4 th year		Forensic medicine	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

Course Description Form

1. Course Name:	
Forensic medicine	
2. Course Code:	
3. Semester / Year:	
4 th year	
4. Description Preparation Date:	
23/3/2024	
5. Available Attendance Forms:	
Attendance sheet	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120/6	
7. Course administrator's name (mention all, if more than one name)	
Name: prof. Dr. Shoroq Mohamed Email: shoroq.abas@qu.edu.iq	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> ❖ Study and define the meaning of forensic medicine in general, its global systems, the local system, its divisions (living and autopsy departments) ❖ Definition of death, signs and causes. ❖ Description of all types of violent injuries.(vocabulary of the initial medical forensic report) ❖ Description of etymology . ❖ Study sexual offences, virginity test, sterility and impotence.

DNA testing applications in forensic medicine.

9. Teaching and Learning Strategies

Strategy

Large group lectures
SBL
PBL
Summative & formative assessments.

10. Course Structure / first course / theory and practical

Week	Date /1hour	Lecture subject	Practical
Week-1	Wednesday	Introduction to forensic medicine	Approach to how written forensic report
	Thursday	History of forensic medicine	Approach to how written forensic report
Week-2			
	Wednesday	Systems of the forensic medicine	Approach to how examine the patient
	Thursday	The examiner and the examined.	Approach to how examine the patient
Week-3			
	Wednesday	Forensic medical work: daily police facts, forensic medical issues, , forensic laboratory	SBL and PBL

		tests.	
	Thursday	Autopsy, blood tests, urine test, forensic radiological tests, visiting crime scene, exhuming graves.	SBL and PBL
Week-4			
	Wednesday	Death: definition, the importance of diagnosing, somatic death, cellular death,	SBL and PBL
	Thursday	Signs of death: probable signs, cardiovascular signs, respiratory signs and central nervous system signs.	SBL and PBL
Week-5			
	Wednesday	Signs of death: confirmed signs, equalization of body temperature with environment, postmortem lividity,	SBL and PBL
	Thursday	Confirmed signs: postmortem rigidity,	SBL and PBL

		decomposition, mummification, adipocer.	
Week-6			
	Wednesday	Trauma: abrasions, pressure abrasion, sliding abrasion. Bruises,	SBL and PBL
	Thursday	Lacerated wounds.	SBL and PBL
Week-7			
	Wednesday	Wounds: in legal point of view, simple wounds, dangerous wounds, fatal wounds.,	SBL and PBL
	Thursday	In forensic point of view: incised wounds, penetrating wounds: stabbing, punctured wounds. Traumatic incisional wounds.	SBL and PBL
Week-8			
	Wednesday	Road traffic accidents: causes of R.T.A., goals	SBL and PBL

		of autopsy,	
	Thursday	Pedestrians: primary impact, secondary impact, post-throwing phase	SBL and PBL
Week-9			
	Wednesday	The same direction vehicle accidents, opposite direction vehicle accidents,	SBL and PBL
	Thursday	Trauma of front occupants: drivers, rear compartment passengers, train accidents, airplane accidents.	SBL and PBL
Week-10			
		Mid first course exam	Mid first course exam

	Wednesday	Firearm injuries: firearm assembly and components, the goals of autopsy, is this a firearm wound? characteristics,	SBL and PBL
	Thursday	The range and distance, the manner of death	SBL and PBL
Week-11			
	Wednesday	Determination of the crime weapon, ,	SBL and PBL
	Thursday	Did more than one person participate in the launch?, wounds by hunting rifles, wounds of explosions.	SBL and PBL
Week-12			
	Wednesday	Burns: definition, classification, according to depth,.	SBL and PBL
	Thursday	according to percentage, causes of death	SBL and PBL

	Week-13			
		Wednesday	Electrocution: factors affecting	SBL and PBL
		Thursday	Causes of death in electrocution,	SBL and PBL
	Week-14			
		Wednesday	Sudden natural death: definition, classification, expected sudden death, unexpected sudden death, enigmatic death.	SBL and PBL
		Thursday	Goals of the autopsy, causes of death according to body systems: cardio vascular system	SBL and PBL
	Week-15			
Wednesday		Complication of myocardial infarction, myocarditis, mitral stenosis, aortic	SBL and PBL	

		stenosis,	
	Thursday	Aneurysms, cardiac tem ponade, respiratory causes, pneumonia, asthma, pulmonary embolism, T.B.	SBL and PBL
Final first course Exam	Final - first course Exam		

Second course schedule: Theory lectures/ practical

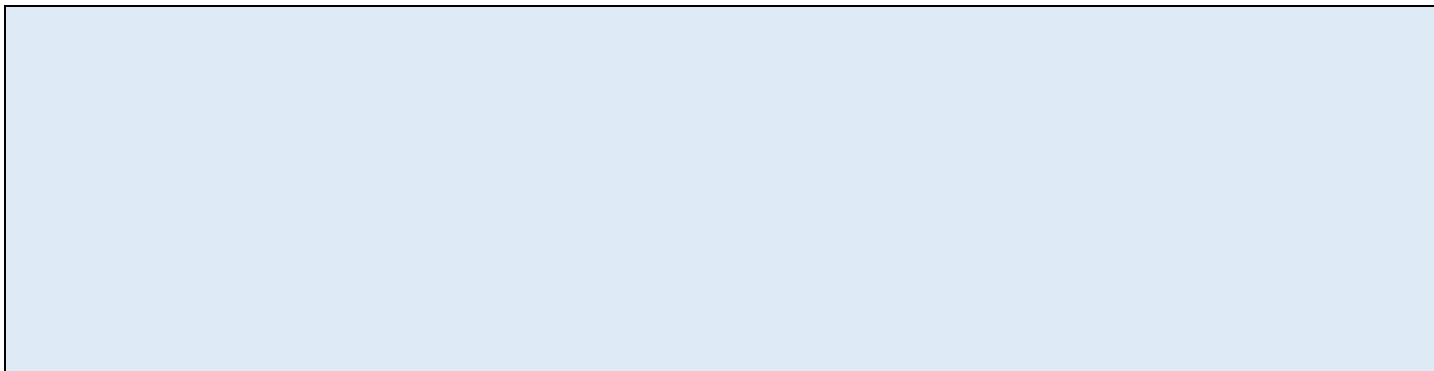
Week	Date /1hour	Lecture subject	Practical
Week-1			
	Wednesday	G.I.T. causes, esophageal varices, rupture gastric and peptic ulcers, acute hemorrhagic pancreatitis, fatty liver.	SBL and PBL
	Thursday	C.N.S. causes, subarachnoid hemorrhage, berry aneurysm, cerebral hemorrhage, epilepsy, genito-urinary causes. Infant death	SBL and PBL
Week-2			
	Wednesday	Asphyxia: definition, general signs, classification,	SBL and PBL
	Thursday	Smothering, choking, strangulation,	SBL and PBL
Week-3			

	Wednesday	Throttling, ligamentous strangulation, hanging.	SBL and PBL
	Thursday	Traumatic asphyxia, drowning, mechanism of drowning, chemical asphyxia	SBL and PBL
Week-4			
	Wednesday	Sexual offences, anatomical description, hymen, examination of the hymen.	SBL and PBL
	Thursday	The sequences of sexual intercourse: rapture of the hymen,	SBL and PBL
Week-5			
	Wednesday	Intercourse with virgin without rapturing hymen, sexually transmitted diseases,	
	Thursday	Pregnancy: signs and symptoms , the forensic medical importance, Labor; ,	SBL and PBL

Week-6			
	Wednesday	Abortion: types, spontaneous: inevitable, missed, threatened.	SBL and PBL
	Thursday	Induced abortion: accidental, therapeutic, criminal: procedures to induce abortion, complications.	SBL and PBL
Week-7			
	Wednesday	Forensic toxicology: definition, duties of doctors, classification : corrosive poisons, autopsy findings,	SBL and PBL
	Thursday	Irritant poisons, autopsy findings, arsenic, lily, lead volatile poisons: alcohol	SBL and PBL
Week-8			
	Wednesday	Carbon monoxide poisoning, H ₂ S poisoning, cyanide poisons, kerosene,	SBL and PBL

	Thursday	Drugs poisoning, aspirin and paracetamol, food poisoning	SBL and PBL
Week-9			
	Wednesday	Identification: definition, identifiers ,finger print, dental record, general appearance, clothes check, milestones	SBL and PBL
	Thursday	Mole, scars, malformation, tattoo ,cautery signs, bone identification	SBL and PBL
Week-10	Sunday		
	Mid second course exam	Mid second course exam	
	Thursday	Identification of body remnants, age estimation	SBL and PBL

Week-11			
	Wednesday	Identification of human body remnant ,blood spot identification, sperm spot, saliva spot	SBL and PBL
	Thursday	Identification of natural or artificial threads remnants, hair in forensic field,	SBL and PBL
Week-12			
	Wednesday	Death associated with surgery and anesthesia.	SBL and PBL
	Thursday	Death associated with surgery and anesthesia.	SBL and PBL
Week-15			
	Wednesday	Infanticide	SBL and PBL
	Thursday	D.N.A. applications in forensic medicine	SBL and PBL
	Final second course Exam		Final second course Exam



11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	الطب القضائي واداب المهنة الطبية
Main references (sources)	1-Text book of Forensic Medicine and Toxicology Forensic Pathology
Recommended books and references (scientific journals, reports...)	الوجيز في الطب العدلي
Electronic References, Websites	

