

**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: ..Basrah.....

Faculty/Institute: ...College of Medicine.....

Scientific Department: ..Human Anatomy.....

Academic or Professional Program Name: .. Bachelor's degree...General  
Medicine and Surgery

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

Academic System: ...quarterly.....

Description Preparation Date: /10/20231

File Completion Date: 2024/02/14

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:

**1. Program Vision**

The College of Medicine at Basra University seeks excellence in medical topics in general and in those related to health problems in southern Iraq in particular. This can be achieved through national, regional and international leadership in life medical education and in research activities in topics such as spinal surgery, hemoglobinopathies, cancer, environmental pollution and post-traumatic diseases.

**2. Program Mission**

The College of Medicine at the University of Basra seeks to prepare graduates for distinguished medical practice concerned with the health problems of Basra in particular and Iraq in general, with an emphasis on linking medical practice with the interest of society. It seeks excellence in medical education programs in primary and postgraduate studies and continuing education in order to achieve the training of doctors, professors and researchers, and to prepare for the continuity of medical education. A scientific environment that emphasizes the latest knowledge in health sciences and necessarily leads to excellence in education, health care, and biomedical research, and to stimulating the pursuit of long-term self-learning and consolidating the human and ethical values that characterize work in the field of health sciences. The college also seeks to recruit and develop a faculty with high specifications to become The best in the field of education and research

**3. Program Objectives**

- 1- المساهمة في دعم وإدامة الصحة من خلال التعليم الطبي والبحث وتقديم الخدمات الصحية، بأبعادها التعزيزية والوقائية والعلاجية والتأهيلية
- 2- تخريج أطباء لديهم المعرفة والاستعداد والمهارة التي تمكنهم من ممارسة الطب بشكل مأمون مع تجسيد القيم الإنسانية والأخلاقية
- 3- تطوير وتعزيز الدراسات العليا بهدف تدريب الأطباء والكوادر الطبية الأخرى وبالتخصصات المختلفة. وهذا يتطلب فتح دراسات عليا في مجالات عديدة كلما أمكن ذلك بضمنها درجة الدكتوراه
- 4- السعي أن تكون الكلية مركزا بحثيا علميا وإبراز دورها في البحوث الصحية التطبيقية مع الاستغلال الأمثل لنتائج تلك البحوث وبالتعاون مع مختلف الجهات المنتفعة
- 5- تقديم الخدمة الصحية مباشرة إلى السكان عن طريق الكادر الطبي للكلية العامل في المؤسسات الصحية الرسمية وكذلك في القطاع الخاص
- 6- تعزيز علاقات التعاون مع المؤسسات العلمية والطبية داخل وخارج العراق لتطوير الممارسة الطبية بوصفها فنا وعلمًا وسلوكًا
- 7- السعي من أجل حل المشكلات الصحية المحلية عن طريق إجراء البحوث والدراسات العلمية بالتنسيق مع المؤسسات الطبية الأخرى
- 8- التعاون مع المراكز والكلية الأخرى في جامعة البصرة لدعم التطور العلمي في الجامعة ولإسناد دورها في المنطقة وفي العالم بشكل أوسع

#### 4. Program Accreditation

quality assurance

#### 5. Other external influences

Central admission

#### 6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	5	36.5		Basic course
College Requirements	Yes			
Department Requirements	Yes			
Summer Training	Nothing			
Other				

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

## 7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
First year		Medical Biology	theoretical	practical
			60	60

## 8. Expected learning outcomes of the program

Knowledge	
<p>Knowledge of the morphological shape of all cell organelles and linking them to their function, location, and number</p> <p>2. Teaching and learning to students the types, shapes, and composition of general tissues of the body and all systems of the human body</p> <p>3. Teaching and learning the basics of genetics and studying some genetic diseases</p>	Learning Outcomes Statement 1
Skills	
Adopting the principles of medical professional lifelong learning (continuing professional development)	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
<p>Developing students' abilities on how to use a regular microscope to diagnose and examine various tissue samples of the body</p> <p>2. Distinguish the body's tissues and link them to their</p>	Learning Outcomes Statement 4



function and relationship to tissue changes in pathological conditions.	
Learning Outcomes 5	Learning Outcomes Statement 5

### 9. Teaching and Learning Strategies

1. Delivering lectures in the form of PowerPoint, using microscopes to display histological slides, showing educational films, using plastic models in practical lessons, student participation during discussions during teaching in small groups in practical laboratories, student participation in interactive lectures in theoretical and practical lessons..

### 10. Evaluation methods

Formative and mid-semester exams, and exams at the end of the first semester and the second semester

### 11. Faculty

#### Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Khadeeja Sami Madhi	Microbiology	microbiology				Lecturer

#### Professional Development

Mentoring new faculty members

1- Attending continuing medical education seminars for the purpose of developing teaching skills

2- Guidance to attend with the old teachers in practical and theoretical teachings

### **Professional development of faculty members**

Guidance to enroll in courses on teaching methods

## **12. Acceptance Criterion**

**(Setting regulations related to enrollment in the college or institute, whether central admission or others)**

## **13. The most important sources of information about the program**

1 –Junqueira' s Basic Histology. Anatomy L Mesher. 12<sup>th</sup> edition

2–Cell Biology Pollard and Earnshaw.2<sup>nd</sup> edition

3–Lewis Ricki (2007).Human genetics concepts and application.7<sup>th</sup> edition.McGraw–Hillcompanies.

4–Cummings R.Michael (1997). Human heredity principles and Issues4<sup>th</sup> edition. WestLWadsworth.

5–Human Biology Part 1

Collection edited by: Nathaniel Howard

<<http://legacy.cnx.org/content/col11448/1.9>>

Online:<<https://legacy.cnx.org/content/col11704/1.4>>

## **14. Program Development Plan**

- 1- Participation of teachers to deliver weekly seminars on the most important modern topics, each according to his specialty
- 2- Participation in scientific seminars and workshops in the college and outside it
- 3- Conducting research in a working group on the most important scientific topics

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
2023-2024		Medical Biology	Basic	*	*	*		*				*			

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

## Course Description Form

1. Course Name: medical Biology	
2. Course Code:	
3. Semester / Year: Semester	
4. Description Preparation Date: 27/ 02/ 2024	
5. Available Attendance Forms: Available	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours per semester. 2 hours per week	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr. Kawthar Khalaf Email: kawther.hassan@uobasrah.edu.iq	
8. Course Objectives	
<p><b>Students' knowledge of the types and shapes of tissues and their relationship to their function</b></p> <p><b>all organs of the body and all the systems that make up the body.</b></p> <p>– Students know the components of the cell, functions, and how it reproduces, while studying the molecular biology approach</p> <p><b>Knowing the basics of genetics and studying some genetic diseases</b></p>	<ul style="list-style-type: none"> <li>• .....</li> <li>• .....</li> <li>• .....</li> </ul>
9. Teaching and Learning Strategies	
<b>Strategy</b>	<p>1- Educational strategy, collaborative concept planning.</p> <p>2- Brainstorming education strategy.</p> <p>3- Education Strategy Notes Series</p>

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2 hours			1-Explaining the scientific material by presenting the lecture in PowerPoint.	Formative exams The daily, semester, and end-of-semester exams
2	2 hours			2 -Show educational video related to the topic	
3	2 hours			3- Questions and discussion	
4	2 hours				
5	2 hour				
6	2 hour				
7	2 hour				
8	2 hour		Cell cycle division		
9	2 hour		Cell differentiation		
			Cell aging and cell death		
10	2hour		Human chromosomes		
11	2 hour		Numerical and structural aberration		
12	2 hour				
13	2 hour				
14	2 hour				
15	2hour				
16	2 hour				
17	2 hour				
18	2 hour				
19	2 hour		Mendelian genetics		
20	2 hour		DNA structure and replication		

21	2 hour		RNA structure and transcription		
22	2 hour		Genetic code & protein synthesis		
23	2 hour		Gene mutation		
24			Gene repair		
25					
26					
27					
28					
29					
30					

### 11. Course Evaluation

The distribution is as follows: 30 marks for the half term, distributed as follows: 20 theoretical and 10 practical  
70 marks for the end of the semester, distributed as follows: 50 marks for theory and 20 for practical  
The same distribution for the second semester

### 12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	<b>Junqueira's Basic Histology. Anatomy L Mesher. 12<sup>th</sup> edition</b>
Main references (sources)	<b>1-Cell Biology Pollard and Earnshaw. 2<sup>nd</sup> edition 2-Lewis Ricki (2007). Human genetics concepts and application. 7<sup>th</sup> edition. McGraw-Hill companies. 3-Cummings R. Michael (1997). Human heredity principles and Issues 4<sup>th</sup> edition. WestLWadsworth</b>
Recommended books and references (scientific journals, reports...)	<b>Human Biology Part 1 Collection edited by: Nathaniel Howard</b>
Electronic References, Websites	<b>&lt;<a href="http://legacy.cnx.org/content/col11448/1.9">http://legacy.cnx.org/content/col11448/1.9</a>&gt; Online:&lt;<a href="https://legacy.cnx.org/content/col11704/1.4">https://legacy.cnx.org/content/col11704/1.4</a>&gt;</b>