

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



# **Academic Program and Course Description Guide**

**2<sup>nd</sup> stage Histology 2025-2026**

## Academic Program Description Form

**University Name:** University of Al-Qadisiyah

**Faculty/Institute:** College of medicine

**Scientific Department:**

**Academic or Professional Program Name:** General Medicine and Surgery

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

**Academic System:** Annual year / 2 semester

**Description Preparation Date:** 10/9 /2025

**File Completion Date:** 16/9/2025

**Signature:**



**Head of Department Name:**

**Prof Dr. Nael Mohammed**

**Signature:**



**Scientific Associate Name:**

**Prof. Dr. Mohammed Saad**

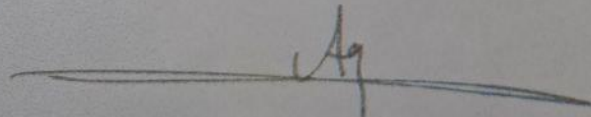
**The file is checked by:** Prof Dr. Anwar jassib

**Department of Quality Assurance and University Performance**

**Director of the Quality Assurance and University Performance**

**Department:**

**Signature:**



**Approval of the Dean**

### **1. Program Vision**

Seeking to make the College of Medicine in Al-Qadisiyah 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 Qadisiyah 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**  
 Advances in medical science and technology , requiring regular curriculum updates

<b>6. Program Structure</b>				
<b>Program Structure</b>	<b>Number of semester</b>	<b>Credit hours</b>	<b>Percentage</b>	<b>Reviews*</b>
<b>Institution Requirements</b>	2	Total hours in annual year semester I ,II 120 h (60h theory , 60h practical )		Basic
<b>College Requirements</b>	2	Total hours in annual year semester I ,II 120 h (60h theory , 60h practical )		Basic
<b>Department Requirements</b>	2	Total hours in annual year semester I ,II 120 h (60h theory , 60h practical )		Basic
<b>Summer Training</b>	Not found			
<b>Other</b>	Basic course			

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

<b>7. Program Description</b>				
<b>Year/Level</b>	<b>Course Code</b>	<b>Course Name</b>	<b>Credit Hours</b>	
2 <sup>nd</sup> year	HIS 2204	Histology	theoretical	practical
			60h for annual year semester I,II	60h for annual year semester I,II

## 8. Expected learning outcomes of the program

### Knowledge

By the end of the histology course, the student will be able to:

1. Identify and describe the microscopic structure of cells, tissues, and organs using light microscopy.
2. Recognize and differentiate various tissues (epithelial, connective, muscular, and nervous) based on their histological features.
3. Correlate histological structure with function of tissues and organs.
4. Interpret normal histological slides and images and distinguish them from abnormal histological appearances.
5. Apply histological knowledge to understand the basis of disease processes and pathological changes.
6. Demonstrate proper use of the microscope, including slide handling and focusing techniques.

### Skills

1. Integrate histology with anatomy, physiology, and pathology for better clinical understanding.
2. Develop observational and analytical skills necessary for accurate microscopic diagnosis.
3. Appreciate the clinical relevance of histology in diagnosis, prognosis, and treatment of diseases.

### Ethics

Follow laboratory safety and ethical guidelines, including proper handling, storage, and disposal of biological materials.

### 9. Teaching and Learning Strategies

- The method of lecture and the use of the smart board
  - Readings, self-learning, panel discussions.
  - Exercises and activities in the classroom.
  - Guide students to some websites to benefit from them to develop abilities.
- Ask the students a set of thinking questions during the lectures such as what, how, when and why

### 10. Evaluation methods

- Theory**
  - . Written Examination
  - Oral Examination
- practical**
  - Small group discussion
  - reports and activities

### 11. Faculty

Faculty Members						
Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Assist. Prof	MBCHB	pathology			1	
Assist. Prof	MBCHB	Human anatomy			1	
lecturer	MBCHB	ENT			1	
lecturer	Vet. Medicine	embryology			1	
lecturer	BSc	histology			3	
lecturer	Vet. Medicine	Microbiology			2	
lecturer	BSc	Biology			2	

lecturer	BSC	Microbiology			1	
lecturer	BSc	Plant Bio			1	

### **Professional Development**

#### **Mentoring new faculty members**

processes and activities designed to enhance the professional knowledge, skills, and attitudes of educators so that they might, in turn, improve the learning of students.

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

creating or sustaining a culture of teaching excellence; advancing new initiatives in teaching and learning; and supporting individual faculty members' goals for professional development.

### **12. Acceptance Criterion**

According to the student's central acceptance rate

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

Basic histology, Janquira & Carneiro, 13th ed., McGraw- Hill, 2015.  
 DiFiore's Atlas of Histology with Functional Correlations, Victor P. Eroschenko, 13th ed., Lippincott Williams & Wilkins, 2016

### **14. Program Development Plan**

Focusing mainly on making histology lectures more interactive by asking the fundamental questions in histology "how & why "  
 2. Reliance on clinical tutors; we recruit recent medical graduates for small groups in teaching lab  
 3. 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
2 <sup>nd</sup> year	HIS 2204	Histology	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

## Course Description Form

1. Course Name: Histology	
2. Course Code:	
<b>HIS 2204</b>	
3. Semester /	
Annual year , 2 semester    / Year: 2nd year	
4. Description Preparation	
Date:10/9/2025	
5. Available Attendance Forms:	
Official working hours	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120 h for annual year semester I,II (60h theory , 60h practical ) / 6unit Total	
7. Course administrator's name (mention all, if more than one name)	
Name: Mohamed saeed	
Email:	
8. Course Objectives	
<b>Course Objectives</b>	<ol style="list-style-type: none"> <li><b>1.     Understanding the features of basic body tissues.</b></li> <li><b>2.     Identification of the differences between various body tissues.</b></li> <li><b>3.     Correlation between the cellular and functional aspects of tissues.</b></li> </ol>
9. Teaching and Learning Strategies	
<b>Strategy</b>	<ul style="list-style-type: none"> <li>• <b>Manage the lecture in a way that feels the importance of time.</b></li> <li>• <b>The method of lecture and the use of the smart board</b></li> <li>• <b>Readings, self-learning, discussion panels.</b></li> <li>• <b>Exercises and activities in the classroom.</b></li> <li>• <b>Guiding students to some websites to benefit from them to develop capabilities.</b></li> <li>• <b>Asking students, a set of thinking questions during the lectures such as what, how, when and why for specific topics</b></li> <li>• <b>Sudden daily and weekly continuous tests.</b></li> <li>• <b>Allocate a percentage of the class for group activities.</b></li> </ul>
10. Course Structure	
11. Course Evaluation	
<b>The method of lecture and the use of the smart board</b> <b>Readings, self-learning, panel discussions.</b> <b>Exercises and activities in the classroom.</b> <b>- Guide students to some websites to benefit from them to develop abilities.</b>	

Ask the students a set of thinking questions during the lectures such as what, how, when and why

### 12. Learning and Teaching Resources

Required textbo (curricular books, if any)	Basic histology, Janqira & Carneiro, 13th ed., McGraw-Hill, 2015
Main references (sources)	Histology: a text and atlas with correlated cell and molecular biolo 7th ed, 2016
Recommended books and references (scientific journals, reports...)	<a href="http://www.histologyguide.com/slidebox/slidebox.html">http://www.histologyguide.com/slidebox/slidebox.html</a>
Electronic Referenc Websites	<a href="http://www.meddean.luc.edu/lumen/MedEd/Histo/virtualhistology.l">http://www.meddean.luc.edu/lumen/MedEd/Histo/virtualhistology.l</a>

## 10. Course Structure

### 1st semester contents

Assessment	Educational methods	subjects	Outcome	hours	week
General questions & discussion	theory	Tissue Preparation(Light Microscope &Transmission Electron Microscope)		2	1
General questions & discussion and quiz	theory	Primary Tissues Review (Epithelium,Connective,muscular&Nervous Tissues)		2	2
General questions & discussion and quiz	theory	Central Nervous System (Brain &Spinal Cord)		2	3
General questions & discussion	theory	Myelin Sheath &Myelination of Axons,Neuroglia		2	4
General questions &	Theory	Peripheral Nervous System -PBL		2	5
General questions & discussion	theory	Endocrine System(Pituitary gland)		2	6
General questions & discussion	theory	Endocrine System(Thyroid,Parathyroid&Suprarenal Gands)		2	7

General questions & discussion	theory	First Examination	Mid	2	8
General questions & quiz	theory	Cardiovascular System( General structure of Blood Vessel,Arteries)		2	9
General questions & discussion	theory	Cardiovascular System(Veins ,Capillaries &Heart)-PBL		2	10
General questions & discussion	theory	Respiratory System (Conducting Portion )		2	11
General questions & discussion	theory	Respiratory System (Respiratory Portion )		2	12
General questions & discussion	theory	Immune System(Lymph Node)		2	13
General questions & discussion	theory	Revision- PBL		2	14
		Immune System(Thymus, Spleen & Tonsils)		2	15

### Practical Histology I / First semester: 30 hrs Practical

(2 hrs/week)

- 1- Introduction and Principles of Histology
- 2- tissue preparation
- 3- nervous tissue
- 4- nervous tissue
- 5- PBL (case scenario)**
- 6- endocrine system
- 7- endocrine system
- 8- endocrine system
- 9- CVS
- 10-PBL (case: scenario)**
- 11- CVS
- 12- respiratory system
- 13- Immune system
- 14-EBM



semester contents

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طريقة التقييم	طريقة التعليم	اسم الوحدة / أو الموضوع	مخرجات التعلم المطلوبة	الساعات	الأسبوع
General questions & discussion	theory	Oral Cavity(Introduction ,Lip & Tongue )		2	1
General questions & discussion and quiz	theory	Oral Cavity(Salivary Glands)		2	2
General questions & discussion	theory	GIT (General Structure,Esophagus)		2	3
General questions &	theory	GIT(Stomach)		2	4
General questions & discussion	theory	GIT(Small &Large Intestine)- PBL		2	5
General questions & discussion	theory	Digestive Glands (Liver,Pancreas and Gall Bladder)		٢	6
General questions & discussion	theory	Urinary System(Kidney)		2	7
General questions & discussion quiz	theory	Urinary System(Ureter & Urinary Bladder)- PBL		2	8
General questions & discussion	theory	Male Reproductive System(Testis)		2	9
General questions d	theory	Male Reproductive System(Accessory reproductive sex glands)		2	10
General questions & discussion	theory	Female Reproductive System(Ovary &Uterus)		2	11
General questions & discussion	theory	Female Reproductive System(Cervix, Vagina,Placenta& Mammary Glands)- PBL		2	12
General	theory	Skin and its		2	13

questions & discussion		appendages			
General questions & discussion	theory	Revision		2	14
exam	theory	Second course Examination	Assessment	2	15

## Practical Histology II/ Second semester : 30 hrs Practical

### (2 hr/week)

- 1- GIT, oral cavity
- 2- GIT, oesophagus
- 3- stomach, small and large intestine
- 4- **PBL (case scenario)**
- 5- stomach, small and large intestine
- 6- liver and gall bladder
- 7- urinary system
- 8- urinary system
- 9- **PBL(case scenario)**
- 10- male genital organ
- 11- female genital organ
- 12- female genital organ
- 13- **PBL (case scenario)**
- 14- skin
- 15-EBM

Teaching Methods			Teaching aids	In course evaluation
Large group	Small group	Self-learning	Computer / laptop & Multimedia.	-Item Examination
Lecture	Tutorial	Self-study &	White board &	-Term Final
Integrated teaching	Practical	self-	different colour	Examination
	Demonstration	assessment	white board markers.	(written + practical)
			Microscope	

### Examinations description:

Examination	Description
1-Continuous progress test (CPT)	oral examination / spot diagnosis , quizzes , PBL ,Short answered questions, and skills assessment , log book activity , Case report ,homework activity
2- Mid theory exam for each semester	Short answered questions, M.C.Qs. and case presentation with short answer and matching according bloom and blue print
3- Half year theory exam	M.C.Qs. as case sinario or direct question , according bloom and blue print
4-Final year theory exam	M.C.Qs. as case sinario or direct question , according bloom and blue print
5- Final Practical exam for semester I,II	Spot slide diagnosis , prescription writing, M.C.Q , according bloom and blue print

**The minimum passing grades (Faculty bylaws) is 50 marks.**

**Re-sit Examinations :- Students who fail in a in the annual year assessment will be required to re-sit (second sitting) the Final examination ( theory and practical exam) .**

