

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

2nd stage General Pathology 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

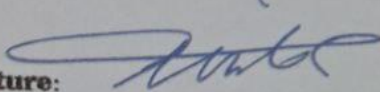
Final Certificate Name: Bachelor's degree in General Medicine and Surgery

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:

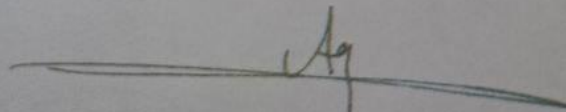


Scientific Associate Name:

Prof. Dr. Shorag Mohamed

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-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

Advances in medical science and technology , requiring regular curriculum updates

| 6. Program Structure | | | | |
|--------------------------|--------------------|--|------------|----------|
| Program Structure | Number of semester | Credit hours | Percentage | Reviews* |
| Institution Requirements | 2 | Total hours for annual year , semester I,II theory 30h | | Basic |
| College Requirements | 2 | Total hours for annual year , semester I,II theory 30h | | Basic |
| Department Requirements | 2 | Total hours for annual year , semester I,II theory 30h | | 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 |
| 2nd stage | GPA 2206 | General Pathology | Total hours for annual year , semester I,II 30h | No |

| 8. Expected learning outcomes of the program |
|--|
| Knowledge |
| <p>The objectives of general pathology focus on understanding the fundamental mechanisms and processes that underlie disease across body systems. Unlike systemic pathology, which deals with diseases in specific organs, general pathology covers basic principles common to many diseases .</p> <p>The following learning outcomes define the expected knowledge, skills, and attitudes that medical students should achieve by the end of the general pathology course.</p> <p>1- Study and understanding the general principles of disease processes such as inflammation, cell injury, degeneration, and necrosis, neoplastic and molecular genetics and pediatric disorders</p> |

- 2- Learn about the causes (etiology) of diseases and how they develop (pathogenesis), including genetic, environmental, and infectious factors .**
- 3- Understanding the pathophysiology , risk factors , radiological finding , clinical features of principle general pathological disease**
- 4-Explain the pathogenesis and morphological features of common diseases affecting major organ systems , its complications , the sequel of disease and prognosis .**
- 5- Understand the pathology of congenital and inherited disorders , the clinical features, its complication , the prognosis and their implications on health**
- 6-Recognize the importance of pathology in evidence-based medicine and the continuity of patient care.**
- 7- Recognize the characteristics of benign and malignant tumors, tumor progression, metastasis, and how can analysis the grading , staging of cancer and the molecular basis of cancer ,**
- 8-Determine the diagnostic criteria and hallmark of histopathological features (grossly and microscopically) , in diagnosis and differentiated the special disease.**
- 9- Recommended the appropriate screening test for specialize disease and there management .**
- 10- Gain familiarity with basic pathological tools and techniques such as light microscopy for(Tissue biopsy, FNA cytology) , electron microscope , immunofluorescent light microscope , serum biochemical or hormonal tests , and the best molecular genetic test .**

Skills

1-Interpreted the morphological features (grossly and histopathological slides) and correlate morphological findings with clinical features.

2-Identify key laboratory investigations ,more likely special pathology tests , special stains used for disease diagnosis and how to recommended to apply the advance laboratory test to confirm the diagnosis and follow up.

3-Apply principles of general pathology in clinical reasoning and differential diagnosis.

4- Analyze the pathological changes (grossly and histopathological slides) and correlate with the new insult of clinical features and there complications .

Ethics

Demonstrate appropriate handling of biological specimens and safe laboratory practices.

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 (OSPT)
- 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 | | | | 8 |
| 2 Ass.prof | MBChB | Pathology | | | | |
| 3 Lecturer | MBChB | Pathology | | | | |
| 1 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 |
| <p>Teaching: Demonstrate an interest and growth in teaching</p> <ul style="list-style-type: none"> • 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. <p>Professional Growth:</p> <ul style="list-style-type: none"> • 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 |
|--|
| 1-Robbins basic of pathology 2-Muris pathology 3-Text book pathology 4-Akrman basic of pathology 5- Pathology outlines.com |

4. Program Development Plan

1. Focusing mainly on making pathology lectures more interactive by asking the fundamental questions in pathology "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 nd year | GPA 2206 | General Pathology | Basic | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

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

Course Description Form

| | |
|---|---|
| 1. Course Name: | |
| General pathology | |
| 2. Course Code: | |
| GPA 2206 | |
| 3. Courses | |
| Annual year , 2 semester / for 2 nd year | |
| 4. Description Preparation Date: | |
| 10/9/2025 | |
| 5. Available Attendance Forms: | |
| Attendance sheet | |
| 6. Number of Credit Hours (Total) / Number of Units (Total) | |
| Total hours 30 theory for annual year , semester I,II) / 2 unit total | |
| 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"> • Identify and explain the clinical manifestations of disease and investigation results in terms of underlying pathology. • Identify different tools in diagnostic pathology including the ancillary techniques such as immunohistochemistry, flow cytometry & molecular techniques. • 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

| | |
|-----------------|--|
| Strategy | Large group lectures SBL PBL Summative & formative assessments. |
|-----------------|--|

10. Course Structure

| Week 2 nd course | Hours | Required Learning Outcomes | Unit or subject name | Learning method | Evaluation method |
|-----------------------------------|---------|----------------------------------|-------------------------|---|--|
| 1-2wks | 2 hours | Cell injury & death | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 3-4wks | 2 hours | Adaptive responses | General pathology | <ul style="list-style-type: none"> • Large group lecture • SBL • PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |

| | | | | | |
|----------|---------|----------------------|-------------------|-----------------------------------|--|
| 5-6wks | 2 hours | Acute inflammation | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 7-8wks | 2 hours | Chronic inflammation | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 9-10wks | 2hours | Granuloma | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 11-12wks | 2 hours | Tissue repair | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative |

| | | | | | |
|----------|---------|-----------------------|-------------------|-----------------------------------|--|
| | | | | | assessment |
| 13-14 wk | 2 hours | Hemodynamic disorders | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 15-16 wk | 2 hours | Hemodynamic disorders | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 17-18 wk | 2 hours | Genetics I | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 19-20 wk | 2 hours | Genetics II | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment |

| | | | | | |
|----------|---------|--------------|-------------------|--|--|
| | | | | | <ul style="list-style-type: none"> • Summative assessment |
| 21-22 wk | 2 hours | Genetics III | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 23-24 wk | 2 hours | Genetics IV | General pathology | Large group lecture SBL PBL | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 25-26 wk | 2 hours | Neoplasia I | General pathology | Large group lecture SBL PBL EBM | <ul style="list-style-type: none"> • Formative assessment • Summative assessment |
| 27-28 wk | 2 hours | Neoplasia II | General pathology | Large group lecture | <ul style="list-style-type: none"> • Formative |

| | | | | | |
|----------|---------|---------------|-------------------|-----------------------------------|--|
| | | | | SBL PBL | assessment • Summative assessment |
| 29-30 wk | 2 hours | Neoplasia III | General pathology | Large group lecture SBL PBL | • Formative assessment • Summative assessment |

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, quiz, written exams, PBL on large holl etc

12. Learning and Teaching Resources

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|--|---|
| Required textbooks (curricular books, if any) | Robbins basic of pathology |
| Main references (sources) | 1-Robbins basic of pathology 2-Muris pathology 3-Text book pathology |
| Recommended books and references (scientific journals, reports...) | Akrman basic of pathology |
| Electronic References, Websites | Pathology out lines .com |

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 |
| | |

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 exam only) .