

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



Scientific
Department

Academic Program and Course Description Guide

5TH stage Radiology 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

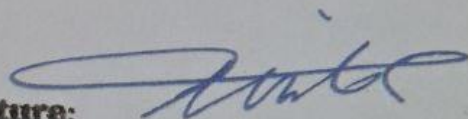
Final Certificate Name: Bachelor's degree in General Medicine and Surgery

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:

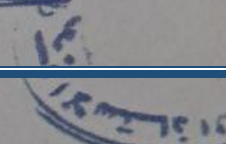
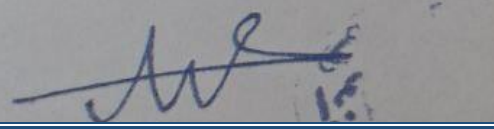


Scientific Associate Name:

Prof. Dr. Adel Shaker

The file is checked by: Prof. Dr. Anwar Jassid

Department of Quality Assurance and University Performance



1. program Vision

Raise awareness about the importance of surgical health and the effects of medical morbidity on patients

2. Program Mission

To improve student's knowledge and abilities regarding the field of radiological image so as to develop the health care services provided by them as future doctors and to implant an clinical competent view of patients to diagnosis them equally as any other patients in need of care

3. Program Objectives

- 1- Introduce students to the concept of radiology , how to diagnose .
- 2- Raise awareness about the importance of radiological image in diagnosis the different conditions
- 3- Correct common misconceptions regarding the diagnosis of many disorders
- 4- Improve students abilities to interact with different patients

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

1. Program Structure				
Program Structure	Number of semester	Credit hours	Percentage	Reviews*
Institution Requirements	2	Total hours 69 h for annual year semester , ,II (30 h theory) and 39h for each group clinical session)		Basic
College Requirements	2	Total hours 69 h for annual year semester , ,II (30 h theory) and 39h for each group clinical session)		Basic
Department Requirements	2	Total hours 69 h for annual year semester , ,II (30 h theory) and 39h for each group clinical session)		Basic
Summer Training	No			
Other	No			

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

2. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
5th stage	RAD 5206	Radiology	theoretical	practical
			30h for annual year semester I,II	2wks +3d 39 h for each group clinical session

Course description

1. Course Name: radiology
Radiology
2. Course Code:
RAD 5206
3. Semester / Year:
Annual year , 2 Semesters
4. Description Preparation Date:
1/9/2025
5. Available Attendance Forms:
Attendance sheet
6. Number of Credit Hours (Total 60 h) / Number of Units (Total unit)
69h for annual year semester I,II (30 h theory and 39 h for each group clinical sessions) / 3 unit total
7. Course administrator's name (mention all, if more than one name)
Name: Email:

1. Course Objectives

- 1- Introduce students to the concept of radiology , how to diagnose .
- 2- Raise awareness about the diagnosis of different conditions
- 3- Correct common misconceptions regarding the best radiological imaging for specific diseases
- 4- Improve students abilities to interact with different patients..

2. Teaching and Learning Strategies

- 1 theoretical large group lectures per week
- 2 weeks of clinical training as small group learning
- Using case scenarios, seminars, case presentations and PBL

3. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
5Professor	MBchB	Radiology				
3Assistant Professor	MBchB	Radiology				
2 Lecturer	MBchB	Radiology				

UNIVERSITY OF Al-Qadisiyah University
Collage of Medicine
Department of surgery
YEAR fifth

Course Specifications

Course title: Radiology

Code: RAD 5206

A) Basic Information:

Allocated marks: 100 marks.

Course duration Teaching hours for each group: 1 hour per week theory \ 3hours per day for two weeks and 3days clinical sessions

Attendance / Absence

Students are required by university regulations to be present during daytime from 8:00 a.m. till 2:30 p.m.

Student attendance is compulsory. This means that you are required to attend all:

- Clinical teaching sessions
- Formative assessment and review sessions

Students who fail to attend for any reason is instructed to notify the secretary and give the reason why he/she was unable to attend.

Failure of students to attend (unauthorized absence) for 10% of total weeks is subjected to disciplinary actions (from alarming him till review with MEU committee / head / deputy dean and if absence reached 15% the student is subjected to further disciplinary

action. This ranges from a meeting with the year coordinator to (in the worst cases) referral to deanery with a view to expulsion.

Professional Information:

1. Program Aims

At end student will able to gate basic knowledge of different radiological examinations and dealing with radiological appearance of different diseases in different modalities including emergency conditions.

2. Academic Standards

3. Intended Learning Outcome

a. Knowledge and Understanding: at end student will able to gate basic knowledge of radiological examinations, the appearance of different diseases and dealing with emergency conditions.

b. Practical and Clinical Skills

c. Professional Attitude and Behavioral Skills Competent student knowledge on radiological anatomy and pathology

d. Communication Skills: To become a good clinician it is helpful to be carefully observant in important but unnoticed aspects, such as demeanor, comments, and interaction with other healthcare providers and patients. Students learn a lot through observing different films in different modalities. The process starts with appearance, punctuality, composure, acceptance of responsibility, and interactions with patients and other members of the healthcare team.

e. Intellectual Skills description of radiological appearance of the diseases should be goal oriented and follow a specific format. The last sentence of a presentation should always start with "The differential diagnosis and you should always think of what needs to be done next

f. General and Transferable Skills

4. A. Program Structure and Contents (Blueprint of clinical course)

To become a good clinician it is helpful to be carefully observant in important but unnoticed aspects, such as demeanor, comments, and interaction with other healthcare providers and patients. Students learn a lot through observing different radiological examination. The process starts with appearance, punctuality, composure, acceptance of responsibility.

- A) The time table of topics of clinical course

1. 1st week:

A. Skills radiology of the urinary system

- i. viewing different conditions related to the urinary system by ultrasound
- ii. main uses and indications of KUB with the appearance of common conditions in that modality
- iii. contrast studies of the urinary system
- iv. common congenital anomalies

b) CHEST RADIOLOGY: I normal chest x ray and normal CT scan of the chest
lung disease and pathology

2nd week:

c) MSK radiology :

- * i radiological signs of bone diseases ii appearance of different bone disease in different modalities
- iii appearance of benign and malignant tumors of bone iv radiological appearance of fractures

d) CNS radiology

I normal appearance of CNS by CT and MRI ii radiological appearance of main conditions in CNS pathology like trauma , tumours and infarction

Radiology of intracranial hemorrhage

e) GIT radiology i. radiological signs of GIT disease ii main emergencies in GIT radiology like intestinal obstruction
iii contrast studies of GIT and the appearance of different conditions in each



Lecturer	topic	hours
أ.م. د خليل العمري	introduction , physics of x ray , ct , mri and ultrasound	1
أ.م.د شيماء عبد الامير كاظم	induction to the urinary system radiology	١
أ.م.د شيماء عبدالامير كاظم	disease of urinary tracts : calculi and abstruction .	1
أ.م.د شيماء عبدالامير كاظم	disease of urinary bening and malignant renal masses	1
أ.م.د شيماء عبدالامير كاظم	urinary tract infection , truama	1
أ.م.د شيماء عبدالامير كاظم	urinary bladder disease	1
أ.م.د شيماء عبدالامير كاظم	congenital anomalies of urinary tract	1
أ.د نجاة عادل هاشم	radiological anatomy of the brain	١
أ.د نجاة عادل هاشم	rasdiological features of intracranial hemorrhage	1
أ.د نجاة عادل هاشم	radiological signs of brain infarction	١
أ.د نجاة عادل هاشم	radiological dx and follow up of intracranial infection EBM	1
أ.د نجاة عادل هاشم	radiological dx of brain congenital anomalies	1
أ.د نجاة عادل هاشم	radiological dx and follow up of intracranial tumours	1
أ.م. د خليل العمري	skeletal system imaging modalities	1
أ.م. د خليل العمري	basic signs of bone diseases	1
أ.م. د خليل العمري	bone tumors : primary and secondary	1
أ.م. د خليل العمري	diseases of joints	١
أ.م. د خليل العمري	osteomyeltis and diseases of spines	١
أ.د امجد محمد	normal chest x ray and normal ct scan of chest	١

ا.د امجاد مجيد	radiological signs of lung disease	۱
ا.د امجاد مجيد	pleural and hilar lesions	۱
ا.د امجاد مجيد	mediastinal lesions	۱
ا.د امجاد مجيد	specific lung diseases	۱
ا.د امجاد مجيد	lung tumours	۱
م.د. مال انور	introduction to git radiology	۱
م.د. مال انور	contrast studies in git	۱
م.د. مال انور	imaging of large bowels	
م.د. مال انور	imaging of small bowel	
م.د. مال انور	imaging of hepatobiliary system i	
م.د. مال انور	imaging of liver	

5-B) Tutorial / Small Group Discussion

5-C) Seminars

Teaching and learning methods :

1. Small group teaching for clinical skills

2. Tutorials

3. Clinical classes

4. Problem solving

7. Seminars

8-EBM

Assessment methods:

A) Assessment criteria:

According to the undergraduate Faculty bylaws the students should attend 75% of the total hrs as a prerequisite to attend any of the allocated exams.

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
5 th stage	RAD 5206	Radiology	Basic	√	√	√	√	√	√	√	√	√	√	√	

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

Examinations description:

Examination	Description
1-continuous progress test (CPT)	oral examination / spot diagnosis , quizzes , PBL ,Short answered questions , Case report ,homework activity and skills assessment , log book activity , attendance
2- theory exam for each 1 st and 2 nd mid 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	Short answered questions, M.C.Qs. and case presentation with short answer and matching according bloom and blue print
4- clinical session exam for final exam	OSCE , long case , short case , physical exam according bloom and blue print
5-final 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 the final year assessment will be required to re-sit (second sitting) the Final examination (theory and practical exam) .