



**Ministry of Higher Education and Scientific Research
Apparatus for Supervision and Scientific Evaluation**



**Warith Al-Anbiyaa University (AS)
College of Medicine**

Academic Program Description Form for Institutes and Colleges 2026-2027

Course Syllabus

Academic Program Description Form

University Name: Warith Al-Anbiyaa University

College/Institute: College of Medicine — Warith Al-Anbiyaa University (AS)

Scientific Department: College of Medicine

Academic or Professional Program Name: Radiology 5th stage

Final Certificate Name: Bachelor of Medicine and Surgery (M.B.Ch.B)

Study System: Annual

Date of Preparing the Description: September 2026

Date of Filling the Form: 10-09-2026

Signature:

Head of Department Name: Dr Imad Hussein Salman Alkufaish

Date: 2026/9/29

Signature:

Scientific Assistant Name: Dr. Ali Abulrida Algorah

Date: 2026/9/29

Reviewed by

Quality Assurance and University Performance Division

Name of Director of Quality Assurance and University Performance Division: Dr. Ayad Ali Sahib Al Mousawi

Date:

Signature:

29/09/2026

Ayad

Approved by the Dean

د. د. علي عبد الله

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Course Description Form

1. Course Name
Radiology
2. Course Code
Med501
3. Semester / Year
2026-2027
4. Date of Preparing this Description
September 2026
5. Available Attendance Forms
Theory + Practical
6. Number of Study Hours (Total) / Number of Units (Total)
30 hour theory and 30 hour practical
7. Name of Course Coordinator (list all names if more than one)
Name: Dr.Imad Hussein Salman Alkufaishi Email: imad.hussein@uowa.edu.iq

8. Course Objectives
<p>Course Objectives:</p> <ol style="list-style-type: none"> 1.Introduction of the science of Radiology , types of the available radiological investigations and modalities 2.To know the advantage ,disadvantage and properties Of each modality 3.Toknow the basic subjects in each system in the body (CNS ,MSK,GIT,GUS,CHEST) with radiological features of each disease 4.Concentration on the Emergency situations in each system and who to deal with radiologically in emergency units and medical and surgical wards 5.How to develop skills and abilities for medical students regarding the available radiological modalities and how to choose the proper one.

6- From all of above ,we aim to prepare the medical Students to work in future during the rotation period scientifically and safely which help in the process of accurate and rapid diagnosis for all medical cases

9. Teaching and Learning Strategies

- 1- Theoretical lectures , interaction with the scientific materials by the students and the lecturer
2. The practical courses and tours in the hospitals with studying the most important radiological Cases.
- 3-Connection between the theory and the practice.
- 4.The continuous assesments regarding the lectures and practical points by Quizzes, monthly examinations and mid term and final examinations.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or Topic Name	Learning Method	Assessment Method
1st	2	<ul style="list-style-type: none"> -Introduction of radiology, the available radiological modalities , their properties ,advantages disadvantages -How X ray machine work With Physical and radiological properties with protection ways . 	Introduction	Theory lectures Practical courses and tours	Quizes Examination Interaction
2nd & 3rd	7	<ul style="list-style-type: none"> -Introduction to the available Modalities and its uses , Advantages and disadvantages -Anatomy of lungs based on Radiological examinations -Who to read CXR in systematic Way. -the most important infections that affect this system with Radiological features of each - Most common Tumours of Lung and the radiological Features . -anatomical and radiological Study of mediastinum and the Radiological features of most Common diseases affect it. -chest trauma and how to Manage radiologically . -most important paediatric 	Chest		

Week	Hours	Required Learning Outcomes	Unit or Topic Name	Learning Method	Assessment Method
		Diseases affecting the chest . - most important diseases Affecting pleura -the most common cardiovascular diseases affecting lung with its Radiological features .			
4th & 5th	6	-Most common examination Used for the CNS and its Advantages ,disadvantages and Contraindications -discussing the STROKE Ischemic and hemorrhagic and Its radiological features -Traumatic brain injury and its Radiological features . -Brain tumours radiological Features . -CNS infection	CNS		
6th & 7th	6	- Introduction for the available Investigations used for this System and their indications Advantages and contra-indications -radiological features of bone Diseases -Arthritis in general with their Radiological features -Types of fractures -Bone infections in general -Bone tumours and their Radiological features	MSK		
8th & 9th	6	-Introduction about the special Investigations used for GIT , Their advantages , dis-advantages And contraindications . -the diseases of esophagus & Stomach and their investigation -the diseases of small and large Bowel and their investigations -How to read abdominal X RAY And its uses in emergency -paediatric abdominal x ray .	GIT		
10th	3	-Introduction to the most co	GUS		

Week	Hours	Required Learning Outcomes	Unit or Topic Name	Learning Method	Assessment Method
		Available investigations and Their advantages and Disadvantages - congenital diseases of GUS -kidney stones -Kidney tumours , infection of GUS and their radiological features .			
11. Course Evaluation					
10 marks for two midterm examinations 10 marks for activities , clinical skills and interaction during lectures and practice 20 marks for mid year theoretical examination 40 marks for final theoretical examination 20 marks for the final clinical examination					

12. Learning and Teaching Resources	
Required Textbooks (Curriculum, if any)	
Main References (Sources)	Diagnostic imaging -by Peter Armstrong
Recommended Supporting Books and References (scientific journals, reports, etc.)	Text book of radiology and imaging -by David Sutton . Core Radiology -by Jacob Mandell
Electronic References, Websites	Radiopedia