

**Ministry of Higher Education and Scientific Research
Scientific Supervision and Scientific Evaluation Apparatus
Al-Muthanna university
College of Medicine**



Academic Program and Course Description Guide College of medicine

2025

Academic Program Description Form

University Name: ALMuthanna

Faculty/Institute: College of medicine

Scientific Department: College of medicine

Academic or Professional Program Name: Bachelor of General Medicine and Surgery

Final Certificate Name: Bachelor in Medicine and general surgery

Academic System: Annual

Description Preparation Date: 1\9\2024

File Completion Date: 25\2\2025

Signature:

**Head of Department
Name:**

Signature:

Scientific Associate Name: Ince Mohammed
Nouri

Date:

Date:

The file is checked by: Abeer Mohammed Ali

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 15\3\2025

Signature:



Approval of the Dean

1. Program Vision

The vision, mission and goals of the College of Medicine are clear and evident in the corridors of the college and outside it. The vision is for the College of Medicine to be a prominent scientific teacher working to develop the health reality in the governorate by supplying health institutions with qualified graduates with a good academic level, who are able to bear responsibility and deal with... The patient is humane and highly scientific, and works to encourage teaching staff as well as final stage students to conduct solid scientific and practical research that includes the problems of the health and medical reality, in order to raise the scientific and academic level of the college to suit local and international scientific requirements.

2. Program Mission

The college's mission: The college, its deanship and its staff, since its founding, has been striving to have an integrated educational role based on the latest modern scientific methods to raise the scientific level of graduates and make them capable of proper diagnosis. It also seeks to cultivate a spirit of brotherhood and cooperation among graduates so that the future doctor will be able to work in the spirit of One team and respect for other health personnel in order to be able to provide the best and to be able to interact in the medical and social environment. The college also aspires to strengthen continuing medical education programs that include all doctors working in health institutions for the purpose of achieving the most important goal, which is improving the health situation.

3. Program Objectives

- 1- Work to increase the teaching staff to be able to keep up with the number of students and enhance the concept of small group teaching.
- 2 - Working to graduate competent doctors with high scientific and clinical skills to enable them to practice the medical profession.

- 3 - Work to nourish the spirit of scientific research among the teaching staff and encourage research that touches on the health reality in order to evaluate it and diagnose its weaknesses.
- 4 - Cultivating a spirit of cooperation between the teaching staff and students by conducting joint research under the supervision of the teaching staff.
- 5 - Working to nurture the humanitarian side of students and graduates in their dealings with the patient and the rest of the medical and health staff.
- 6 - Encouraging students and graduates to make field visits to health and social institutions to enable them to provide medical services directly.
- 7 - Focusing on the principles of raising quality and working to strengthen them among the college's cadres, both scientific and administrative, to raise the academic level of the college.
- 8 - Forming scientific committees to update study plans, curricula, and clinical training methods to keep pace with international universities.
- 9 - Intensifying health awareness programs for the purpose of raising the level of health awareness in society.
- 10 - Contributing to the development of medical education and advanced health care at the local and regional levels.
- 11- . The student must be able to take a patient's medical history and examine patients for an academic medical examination In general, with examination of various body systems
- 12- The student should be able to search scientific sources and journals and be able to conduct discussions Scientific knowledge regarding clinical cases.
- 13-Attendance - in hospital ward, especially emergency, CCU, and Intensive care units.
- 14-Training in conducting internal medicine interventions,whether in hospital or ER .

4. Program Accreditation

Waiting to obtain accreditation from the Jordanian Accreditation Council, which is affiliated with the World Federation of Medical education.

5. Other external influences

Ministry of Higher Education and Scientific Research

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	5			
College Requirements	9			
Department Requirements	18			
Summer Training	There is training for sixth stage students only			
Other				

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

7. Program Description

Year/Level	Course Code	Course Name	Credit Hours	
First			Theoretical hr/year	Practical hr/year
		Medical Chemistry	90	60
		Medical Physics	45	60
			30	-
		Human anatomy	120	60
		Medical Biology	60	60
		Principles of Medicine	30	-
		Computer science	30	60
		Democracy and human rights	60	-
		English language	30	-
		Arabic language	30	-

Second				
		Human Anatomy	90	120
		Medical Biochemistry	90	60
		Histology	60	60
		Embryology	30	-
		University Culture and Freedom Rights	60	-
		Physiology	120	60
Third				
		Pharmacology	90	60
		Medical Microbiology	90	60
		Parasitology	60	60
		Community Medicine	30	30
		Internal medicine	60	60
		Surgery	30	-
		Pathology	60	60
Fourth		Internal medicine	132	80
		General surgery	96	80
		Pediatrics	45	80
		Obstetrics	60	80
		Community medicine	90	120
		Forensic medicine	60	60
		Pathology	60	60
		Behavioral science	30	-
		Medical ethics	15	-
Fifth		Internal medicine	60	120
		Surgery	82	115
		Psychiatry	45	45
		Dermatology	30	30
		Ophthalmology	30	40

		ENT	30	40
		Pediatrics	60	72
		Gynecology	60	45
		Radiology	20	15
Sixth stage				
		Internal medicine	30	300
		Surgery	132	80
		pediatrics	30	150
		Obstetrics and Gynaecology	100	-

8. Expected learning outcomes of the program

Knowledge	
1- Scientific knowledge 2- Research skills	Apply basic knowledge in a clinical setting Developing the observation, interpretation and integration skills necessary to analyze human diseases
Skills	
Clinical skills	The ability to work in hospitals and institutions after acquiring the technical skills that qualify him to do this program
Ability to continuously learn	Possessing effective communication skills with members of society at all levels
Ethics	
Good communication and interaction	Professional development
Professional ethics	

9. Teaching and Learning Strategies

- 1- Interactive scientific lectures
- 2- Small learning groups
- 3- Practical and laboratory lessons
- 4- Clinical learning
- 5- Discussions

- 6- Self-learning
- 7- Technology in education
- 8- Continuous evaluation

10. Evaluation methods

- 1- Theoretical exams (which include multiple formats, including multiple choices, explanation clips, and the use of short-answer questions in the form of a scenario). As for practical exams, they include clinical exams in educational hospitals, including oral exams, communication skills, procedural skills, the long case, the short case, slides, and Oski.
- 2- Reports .

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/ Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
1. Professor	General medicine and surgery	Internal medicine			1	
2. Professor	General medicine and surgery	Tumors and blood diseases			1	
3. Professor	Veterinary medicine	Animal physiology			1	
4- Professor	General medicine	Orthopedics and			1	

	and surgery	traumatology				
5– Professor	General medicine and surgery	Histology			1	
6– Professor	General medicine and surgery	Anesthesiology and intensive care			1	
7– Professor	General medicine and surgery	Dermatology and venereology			1	
8. Assistant Professor	Biology	Animal physiology			1	
9. Assistant Professor	Physics	Medical physics			1	
10. Assistant Professor	General medicine and surgery	Internal Medicine			2	
11. Assistant Professor	General medicine and surgery	ENT			1	
12. Assistant Professor	Biology	Microbiology			4	
13. Assistant Professor	Biology	Parasites			1	
14. Assistant Professor	Biology	Molecular genetics			1	
15. Assistant Professor	General medicine and surgery	Histopathology			1	
16. Assistant Professor	General medicine and surgery	Pathology			1	
17. Assistant	General medicine	Cardiology			1	

Professor	and surgery					
18. Assistant Professor	General medicine and surgery	Neurology			2	
19. Assistant Professor	General medicine and surgery	Ophthalmology			1	
20. Assistant Professor	General medicine and surgery	Nephrology and surgery			1	
21. Assistant Professor	General medicine and surgery	Urology			2	
22. Assistant Professor	General medicine and surgery	General medicine and surgery			4	
23. Assistant Professor	General medicine and surgery	Orthopedics and traumatology			2	
24. Assistant Professor	Chemistry	Biochemistry			1	
25. Assistant Professor	General medicine and surgery	Diagnostic ray			1	
26. Assistant Professor	General medicine and surgery	Gynecology and obstetrics			2	
27. Ph.D	General medicine and surgery	Internal medicine				1
28. Lecturer	Biology	Microbiology			2	
29. Lecturer	Pharmacology	Pharmacology				1
30Lecturer	Biology	Animal physiology			1	
31.Lecturer	Physics	Nuclear physics			1	

32. Lecturer	Physics	Physics			1	
33. Lecturer	Chemistry	Biochemistry			2	
34. Lecturer	Chemistry	Organic chemistry			1	
35. Lecturer	General medicine and surgery	Diagnostic ray			1	
36. Lecturer	Computer Science	Computer Science			1	
37. Lecturer	General medicine and surgery	Infertility treatment and assisted reproductive techniques			1	
38. Lecturer	General medicine and surgery	Embryology			1	
39. Assistant lecturer	Biology	Microbiology			4	
40. Assistant lecturer	General medicine and surgery	Diagnostic ray			1	
41. Assistant lecturer	Modern and contemporary history	Contemporary history of Iraq			1	
42. Assistant lecturer	Physical education and sports sciences	Methods of teaching gymnastics			1	
43. Assistant lecturer	Arabic Language	Arabic Language			1	

Professional Development

Mentoring new faculty members

Instructing new faculty members in the college's scientific and administrative systems, how to skillfully deal with students, and preparing the study plan and procedures for the academic year through workshops, seminars, and research.

Professional development of faculty members

1. Needs Analysis: A comprehensive analysis of the academic and professional development needs of faculty members in the General Medical College is conducted. Current skills and knowledge are assessed and areas where they need to be developed and improved are identified, such as innovative teaching and learning strategies and techniques to enhance engagement and communication with students.
2. Design and implementation of workshops and training: Targeted workshops and training are designed and implemented to enhance the teaching and learning skills of faculty members. This includes providing training in the use of advanced educational technology and modern methods of performance assessment, problem diagnosis, and curriculum planning.
3. Participation in seminars and workshops: Faculty members are encouraged to participate in local and international seminars and workshops related to the development of university education in the field of medicine and general surgery. These events provide opportunities to exchange knowledge and experiences and learn from industry preferences.
4. Academic guidance and monitoring: Continuous academic guidance is provided to faculty members by supervisors and experts in the college. Their performance is monitored and appropriate feedback is provided to improve their performance.
5. Evaluation of performance and learning: The performance of faculty members and the extent to which the set goals for academic and professional development are achieved are evaluated. This includes assessing learning outcomes for students and ensuring that academic and professional standards are achieved.

12. Acceptance Criterion

The student is accepted through the central admission issued by the Ministry of Higher Education and Practical Research

.13 The most important sources of information about the program

Pharmacology

1. Lippencot-pharmacolog+BNF textbook
2. Wheeler's Atlas of Tooth Form

Microbiology

- 1- MICRIBIOLOG(Jawetz,Lippincott Prescott)
2. Nature Reviews Microbiology
3. Annual Review of Microbiology African Journal of Infectious Diseases Microbiology and Molecular Biology
4. Reviews Virology Journal Journal of General Virology

Pathology

1. Robbins basic pathology. 9th edition Elsevier, 2013
2. References: Levison DA: Muir's Textbook of pathology. 14th edition, 2008 Edward Arnold
3. Web path/google Pathology online ppt. lectures and vedios

Internal medicine

1. Davidson's Principles and Practice of Medicine - 23rd Edition
2. Harrison's Principles of Internal Medicine
3. New England journal of internal medicine, up-to-date web site

Physiology

1. Guyton and Hall Textbook of medical physiology, 13th Edition
2. Ganong`s Textbook of medical physiology, 23th Edition
3. Cameron Textbook of medical physics

Human anatomy

1. CLINIC AL ANATOMY BY REGIONS
2. GRANTS ATLAS OF ANATOMI

Surgery

1. Baily & Loves short practice of surgery. 26th edition
2. Browses introduction to the symptoms & signs of surgical diseases
3. Kaneski – ophthalmology
4. Armstrong –radiology
5. Adams outline of fractures & orthopedics
6. Sabiston text book of surgery ,the biological modern surgical practice 19th edition basis.

Pediatrics

1. NELSON Essentials of Pediatrics
2. up-to-date web site Medscape

Chemistry

1. Biochemistry Reginald H. Garrett | Charles M. Grisham University of Virginia•5th Edition
2. Harper's Illustrated Biochemistry, twenty sixth Edition
3. Basic Medical Biochemistry (A Clinical Approach)
4. principles of Biochemistry (Lehninger)
5. Fundamental of Analytical chemistry (Skoog/ West)
6. Organic chemistry (Morrison & Boyd)

Gynecology and obstetrics

1. Ten teachers(Gyne& Obst.)
2. Duherust text book Evidence base for Gyne.&Obst
3. Int.j of Gyne&Obst.
4. Web Gyne &Obst.

Medical ethics

1. History of Iraqi Medicine, Abdul Hamid Al-Aluji 2023.
2. Medical Profession Journal 2023
3. The doctor, healer and teacher, Achilles, translated by Zakaria Fahmy 01 29
4. The History of the Wise Men - Jamal al-Din Abi al-Hasan al-Qifti 2020 Humans and their mental health 2023.
5. Medical Ethics British Royal College

Basics of medicine

1. Textbook of Terminology
2. First Aids Book
3. - First Aids Textbook, the Red Cross
<https://safetytrainingpros.com/wpcontent/uploads/2015/10/American-Red-Cross-First-Aid-CPR-AED-Participants-Manual.pdf>

Rays

1. Textbook of radiology by David Sutton
2. American and European Journals of radiology
3. Radiopedia.com

University culture

1. <https://scholar.google.com/schhp?hl=ar>
2. Book of theories of public freedoms, intellectual trends in human rights and public freedoms
3. Requirements for promoting cultural pluralism in the learning community, a number of diverse publications (books, dissertations, university theses, research

Forensic medicine

1. Text book of forensic medicine and toxicology
2. Hand book of forensic medicine
3. Updated academic websites
4. Web forensic medicine and toxicology/google
5. Forensic medicine online ppt. lectures and videos

ENT

1. Main references (sources) Diseases of ear.nose.throat lecture notes.by Ray Clarke

Eleventh edition

2. Recommended books and references (scientific journals, reports...)
3. Electronic References, Websites

Dermatology

1. Hunters clinical dermatology
2. Andrews textbook of dermatology
3. Rooks, JAAD, Archive of dermatology
4. Dermnet.com

Computer

1. Computer Systems
2. Computer Systems Architecture
3. Introduction To Computing Systems

Human rights

1. Book of International Human Rights Law, Book of the Universal Declaration of Human Rights
2. The book on democratic transformation in Iraq, democracy and its types, democracy and human rights, medical and educational ethics for the patient and the doctor
3. Human Rights Book by Hamid Hanoun, Human Rights, the Development of Democracy, Its Implications and Protection by Riyadh Aziz, Human Rights Encyclopedia of International Law
4. https://www.ohchr.org/ar/ohchr_homepage

Parasites

1. Paniker 's Textbook of Medical Parasitology
2. <https://www.sciencedirect.com>
3. <https://www.cdc.gov/dpdx>

Arabic Language

1. Explanation of Ibn Aqeel, Qatar Al-Nada, Abbasid Literature
2. Clear grammar by Ali Al-Jarim and Mustafa Amin, adequate grammar by Abbas Hassan
3. Some electronic libraries, such as the comprehensive library, Al-Nour library, and Lisan Al-Arab library.

Biochemistry

1. Harper's Illustrated Biochemistry, Twenty-Sixth Edition by Robert K. Murray et al. 2003
2. Lippincott , Illustrated Reviews: Biochemistry, Seventh Edition, Williams & Wilkins , 2017.

Histology

1. Junqueira's Basic Histology: Text and Atlas 2022
2. Difiore's Atlas of Histology
3. Stevens & Lowe's Human Histology
4. Color Atlas and Text of Histology
5. Histology at a Glance

Embryology

1. Text book of embryology
2. Respiratory ,head, neck, upper limb, lower limb, gastric system, urinary system, blood system

Orthopedic &traumatology

1. Apely system of orthopedic &fractures
2. Adam fractures Update knowledge of orthopedic British bone & joint journal
3. SICOTT on line

Obstetrics

1. Obstetric by ten techears
2. Update academic websits

13. Program Development Plan

1. Teaching and training students of primary studies and postgraduate clinical studies in comparison with the progress recorded in the teaching process and clinical knowledge globally.
2. Preparing doctors capable of managing the comprehensive medical care process in order to improve the patient's health status based on advanced diagnostic and therapeutic developments.
3. Improving scientific knowledge that aims to understand the disease process and then the possibility of preventing and treating it through cognitive integration between basic sciences and clinical sciences.
4. Creating a generation of graduates in medical schools who are qualified and able to complete their postgraduate studies within the perspective of modern concepts of medical care.
5. Follow up with graduates after graduation and evaluate success and improvements that can be made to the program based on graduates' feedback.
6. Listening to student feedback within a mechanism to collect student feedback regarding the program and improve it. Listen to their needs and suggestions and adopt them in the development process.
7. Sustainability and continuous improvement by establishing a mechanism for continuous improvement and ensuring program continuity. Conduct periodic

evaluation and updates to keep pace with modern developments in the field of medicine and surgery

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
First		Medical Chemistry	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Medical Physics	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Human anatomy	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Medical Biology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Principles of Medicine	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Computer science	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Democracy	Basic	√	√	√	√	√	√	√	√	√	√	√	√

		and human rights													
		English language	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Arabic language	Basic	√	√	√	√	√	√	√	√	√	√	√	√
Second															
		Human Anatomy	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Medical Biochemistry	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Histology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Embryology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		University Culture and Freedom	Basic	√	√	√	√	√	√	√	√	√	√	√	√

		Rights													
		Physiology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
Third		Pharmacology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Medical Microbiology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Parasitology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Community Medicine	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Internal medicine	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Surgery	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Pathology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
Fourth		Internal	Basic	√	√	√	√	√	√	√	√	√	√	√	√

		medicine													
		General surgery	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Pediatrics	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Obstetrics	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Community medicine	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Forensic medicine	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Pathology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Behavioral science	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Medical ethics	Basic	√	√	√	√	√	√	√	√	√	√	√	√
Fifth		Internal medicine	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Surgery	Basic	√	√	√	√	√	√	√	√	√	√	√	√

		Psychiatry	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Dermatology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Ophthalmology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		ENT	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Pediatrics	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Gynecology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Radiology	Basic	√	√	√	√	√	√	√	√	√	√	√	√
Sixth stage															
		Internal medicine	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Surgery	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Pediatrics	Basic	√	√	√	√	√	√	√	√	√	√	√	√
		Obstetrics	Basic	√	√	√	√	√	√	√	√	√	√	√	√

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

Course Description Form

1. Course Name:					
gynecology					
2. Course Code:					
3. Semester / Year:					
2024–2025					
4. Description Preparation Date:					
1/9/2024					
5. Available Attendance Forms:					
In campus					
6. Number of Credit Hours (Total) / Number of Units (Total)					
60 hours 6 units					
7. Course administrator's name (mention all, if more than one name)					
Name: Sahar Swadi Raheem Email: drssraltaii@mu.edu.iq					
8. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> Menstrual cycle, physiology menstrual cycle, menstrual disturbances, congenital anomalies, infertility, contraception, types of genital tract cancers, genital tract infection 			
9. Teaching and Learning Strategies					
Strategy	Large group-theoretical lectures Small group-clinical sessions				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
	2hour	Understanding nor	Menstrual cy	Large groups	Formative

		and abnormal hormonal physiology menstrual cycle diagnosis of infertility and its management How to select proper type of contraception types of genital tract cancers	physiology of menstrual cycle, menstrual disturbances, congenital anomalies, infertility, contraception, types of genital tract cancer, genital tract infection		Summative exam
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11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

10% marks for each semester

20% marks for mid year exam

10% marks for clinical course exam

60% marks for final exam

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Gynecology by ten teachers
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Update academic websites
Electronic References, Websites	

Course Description Form

1. Course Name:					
اجنه					
2. Course Code:					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
1-9-2024					
5. Available Attendance Forms:					
حضورى					
6. Number of Credit Hours (Total) / Number of Units (Total)					
15-15					
7. Course administrator's name (mention all, if more than one name)					
Name: م / هبه ستار جبار					
Email: Araloyhader @mu.edu.iq					
8. Course Objectives					
Course Objectives - Teaching the student professional medical behavior.. - • State and doctors' union laws..... - A skilled doctor who serves country and his people			• تعليم الطالب السلوك المهني الطبي.... • القوانين الدولية والنقابة الاطباء... • طبيب ماهر يخدم بلده وابناء بلده • المؤسسة والرحمة وخدمة المريض..		
9. Teaching and Learning Strategies					
Strategy		the explanation الشرح Dialogue and discussion الحوار والنقاش Use references and sources- الاستعانة بالمراجع والمصادر Using modern teaching methods- استخدام وسائل التعليم الحديثة Assigning students to research papers ليف الطلبة بأوراق بحثية			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

ضررة ناقشة					
مشاركة يومية	محاضرة ومناقشة	introduction-1	علم الاجنه	1	الاول
مشاركة يومية	محاضرة ومناقشة	Gametogenesis	علم الاجنه	1	الثاني
متحان يومي	محاضرة ومناقشة	Spermatogenesis	علم الاجنه	1	الثالث
مشاركة يومية	محاضرة ومناقشة	Ovulation	علم الاجنه	1	الرابع
مشاركة يومية	محاضرة ومناقشة	Fertilization	علم الاجنه	1	الخامس
مشاركة يومية	محاضرة ومناقشة	Development1	علم الاجنه	1	السادس
متحان يومي	محاضرة ومناقشة	Development2	علم الاجنه	1	السابع
مشاركة يومية	محاضرة ومناقشة	Placenta	علم الاجنه	1	الثامن
مشاركة يومية	محاضرة ومناقشة	Embryonic per	علم الاجنه	1	التاسع
متحان يومي	محاضرة ومناقشة	gastrolation	علم الاجنه	1	العاشر
مشاركة يومية	محاضرة ومناقشة	gastrolation	علم الاجنه	1	الحادي عشر
مشاركة يومية	محاضرة ومناقشة	defect	علم الاجنه	1	الثاني عشر
مشاركة يومية	محاضرة ومناقشة	Blastocyte	علم الاجنه	1	الثالث عشر
مشاركة يومية	محاضرة ومناقشة	Congenital	علم الاجنه	1	الرابع عشر
مشاركة يومية	محاضرة ومناقشة	Semenae-1	علم الاجنه	1	الخامس عشر

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

توزيع الدرجة من 100 على وفق المهام الموكلف بها الطالب مثل التحضير اليومي والامتحانات اليومية والشفوية والشهرية والتحريرية والتقارير الخ النشاطات اليومية

20 والامتحان التحريري 80

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Text book of embryology
Main references (sources)	Respiratory ,head, neck, upper limb, lower limb, gastric system, urinary system, blood system
Recommended books and references (scientific journals, reports...)	للات نقابة الاطباء والكليات الطبية العراقية والاجنبية
Electronic References, Websites	راجع العلمية ، والكتب الطبية ، والمجلات العلمية

Course Description Form

1. Course Name:	
Medical microbiology	
2. Course Code:	
3. Semester / Year:	
2024-2025	
4. Description Preparation Date:	
1/9/2024	
5. Available Attendance Forms:	
In campus and teaching Hospital	
6. Number of Credit Hours (Total) / Number of Units (Total)	
150hours\8Units	
7. Course administrator's name (mention all, if more than one name)	
Name: Dr.Shaimaa M.S. Zainulabdeen Email: shimaa.majeed@mu.edu.iq	
8. Course Objectives	
<p>Medical microbiology focuses on medical diseases caused by microorganisms (bacteria, viruses, immunity, fungi)</p>	<p>1. Cognitive objectives</p> <ul style="list-style-type: none"> • Obtain basic information about microbiology. • –Providing a broad base of knowledge and understanding microbiology. • – Developing information acquisition skills. • – Encouraging and training the student on how to deal with scientific facts. • –Encouraging students to conclude and interpret the results and how to present and discuss them
2. Teaching and Learning Strategies	
Strategy	<p>Teaching whole class as theoretical lectures</p> <p>Small group seminar teaching</p>

3. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Every week	4	Understanding the mechanisms of diseases caused by microorganisms (bacteria, viruses, immunity, fungi)	Medical microbiology	1-Large group teaching 2- Small group teaching 3- Practical session	Formative and summative exam

4. Course Evaluation

Distribution of score is 40% annual quest is 40% (mid year 20% , 20% for first and second semesters) , 60% for final exam(20% for practical exam , 40% for theoretical exam)

5. Learning and Teaching Resources

Required textbooks (curricular books, if any)	MICRIBIOLOG(Jawetz,Lippincott, Prescott)
Main references (sources)	BOOKS
Recommended books and references (scientific journals, reports...)	Nature Reviews Microbiology
Electronic References, Websites	Annual Review of Microbiology

Course Description Form

1. Course Name:					
Medical Ethics					
2. Course Code:					
399-499					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
daily					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 h, 2 Unit					
7. Course administrator's name (mention all, if more than one name)					
Name: Dr. Salah Abd-Alkader omran Email: drsalahomran@yahoo.com					
8. Course Objectives					
Course Objectives			<p>teaching the student</p> <p>professional medical behavior..</p> <ul style="list-style-type: none"> • State and doctors' union laws..... <p>•A skilled doctor who serves his country & his people</p>		
9. Teaching and Learning Strategies					
Strategy		Teaching and giving the way to a successful doctor, armed with scientific information, theoretical and practical medical experience and the noble character that characterizes a doctor.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
30	30	Medical professional conduct	Medical ethics	Theoretical practical activities	Theoretical exam activities

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11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc Practical: 30 , Theoretical: 70

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	History of Iraqi Medicine, Abdul Hamid Al-Aluji 2023.
Main references (sources)	Medical Profession Journal 2023
Recommended books and references (scientific journals, reports...)	1- The doctor, healer and teacher, Achilles, translated by Zakaria Fahmy 01 29 2- The History of the Wise Men - Jamal al-Din Abi al-Hasan al-Qifti 2020 Humans and their mental health 2023
Electronic References, Websites	Medical Ethics British Royal College

Dr. Salah Abd-Alkader omran

Academic Program Description Form

University Name:ALMuthanna.....

Faculty/Institute:College of medicine.....

Scientific Department:pharmacology.....

Academic or Professional Program Name:pharmacology.....

Final Certificate Name: ...Bachelor in Medicine and general surgery.....

Academic System: ...Annual.....

Description Preparation Date: 1\9\2024

File Completion Date: 25\2\2025

Signature:

Head of Department Name:

Associate prof. Ali

abdulkarim Talib

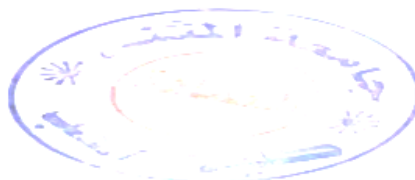
The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 15\3\2025

Signature:



Approval of the Dean

1. Program Vision

The vision, mission and goals of the College of Medicine are clear and evident in the corridors of the college and outside it. The vision is for the College of Medicine to be a prominent scientific teacher working to develop the health reality in the governorate by supplying health institutions with qualified graduates with a good academic level, who are able to bear responsibility and deal with... The patient is humane and highly scientific, and works to encourage teaching staff as well as final stage students to conduct solid scientific and practical research that includes the problems of the health and medical reality, in order to raise the scientific and academic level of the college to suit local and international scientific requirements.

2. Program Mission

The college's mission: The college, its deanship and its staff, since its founding, has been striving to have an integrated educational role based on the latest modern scientific methods to raise the scientific level of graduates and make them capable of proper diagnosis. It also seeks to cultivate a spirit of brotherhood and cooperation among graduates so that the future doctor will be able to work in the spirit of One team and respect for other health personnel in order to be able to provide the best and to be able to interact in the medical and social environment. The college also aspires to strengthen continuing medical education programs that include all doctors working in health institutions for the purpose of achieving the most important goal, which is improving the health situation.

3. Program Objectives

1- Work to increase the teaching staff to be able to keep up with the number of students and enhance the concept of small group teaching.

- 2 – Working to graduate competent doctors with high scientific and clinical skills to enable them to practice the medical profession.
- 3 – Work to nourish the spirit of scientific research among the teaching staff and encourage research that touches on the health reality in order to evaluate it and diagnose its weaknesses.
- 4 – Cultivating a spirit of cooperation between the teaching staff and students by conducting joint research under the supervision of the teaching staff.
- 5 – Working to nurture the humanitarian side of students and graduates in their dealings with the patient and the rest of the medical and health staff.
- 6 – Encouraging students and graduates to make field visits to health and social institutions to enable them to provide medical services directly.
- 7 – Focusing on the principles of raising quality and working to strengthen them among the college's cadres, both scientific and administrative, to raise the academic level of the college.
- 8 – Forming scientific committees to update study plans, curricula, and clinical training methods to keep pace with international universities.
- 9 – Intensifying health awareness programs for the purpose of raising the level of health awareness in society.
- 10 – Contributing to the development of medical education and advanced health care at the local and regional levels.
- 11– . The student must be able to take a patient's medical history and examine patients for an academic medical examination In general, with examination of various body systems
- 12– The student should be able to search scientific sources and journals and be able to conduct discussions Scientific knowledge regarding clinical cases.
- 13–Attendance – in hospital ward, especially emergency, CCU, and Intensive care units.
- 14–Training in conducting internal medicine interventions,whether in hospital or ER .

4. Program Accreditation

Waiting to obtain accreditation from the Jordanian Accreditation Council, which is affiliated with the World Federation of Medical education.

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements	1stag	3 rd stage:6 Unites		Basic
Summer Training				
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
3 rd stage		Internal medicine	30	60

8. Expected learning outcomes of the program

Knowledge

1-Describe the causes, mechanisms of diseases and the associated alterations in systems functions and structure.
2- Develop skills of observation, interpretation and integration needed to analyze human illness.

1-Apply basic knowledge in a clinical setting 2-Work collaboratively in problem-solving 3-Recognize normal and abnormal findings across the life cycle

Skills	
1–Apply basic knowledge in a clinical setting	1– Exhibit teamwork and collegiality and respect diversity.
2–Work collectively in problem–solving.	2– View medicine as a service profession.
Ethics	
1–view and appreciate medicine as a service profession'	1– Develop effective test–taking skills.
2– honesty, ethical behavior, caring and compassion	2– Integrate history, physical examination and laboratory results.

9. Teaching and Learning Strategies

- 1–Interactive scientific lectures
- 2– Small learning groups
- 3– Clinical education groups
- 4– Discussion sessions

10. Evaluation methods

The third stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 10%

Mid–year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 10%

Practical final exam 20%

Final theoretical exam 40%

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11. Faculty						
Faculty Members						
Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
1– Assistant prof	Medicine and general surgery	cardiology			1	
2– Assoistant prof .	Medicine and general surgery	Neurology			1	
3– Assistant Prof.	Medicine and general surgery	Medicine				1
4– pharmacist	Bachelor of pharmacology	Clinical pharmacology				1

Professional Development
Mentoring new faculty members
Instructing new faculty members in the college’s scientific and administrative systems, how to skillfully deal with students, preparing the study plan, and procedures for the academic year in terms of workshops, seminars, and research.
Professional development of faculty members
Directing faculty members to the annual plan and preparing topics for the academic year in terms of workshops, seminars, research, and developing the annual plan.
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12. Acceptance Criterion
(Through the central admission through the Ministry of Higher Education)

13. The most important sources of information about the program
Corresponding medical college curricula and the medical education unit

14. Program Development Plan
<ol style="list-style-type: none">1. Teaching and training students of primary studies and postgraduate clinical studies in comparison with the progress recorded in the teaching process and clinical knowledge globally.2. Preparing doctors who are able to manage the comprehensive medical care process in order to improve the patient's health status based on advanced diagnostic and therapeutic developments.3. Improving scientific knowledge that aims to understand the disease process and then the possibility of preventing and treating it through cognitive integration between basic sciences and clinical sciences.4. Creating a generation of graduates in medical schools who are qualified and able to complete their postgraduate studies within the perspective of modern concepts of medical care.

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
Third		Internal medicine	Basic	X	X	X	X	X	X	X	X	X	X	X	X

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

Course Description Form

1. Course Name:					
Radiology					
2. Course Code:					
3. Semester / Year:					
5 th Year 2024–2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
6. Number of Credit Hours (Total) / Number of Units (Total)					
2\3					
7. Course administrator's name (mention all, if more than one name)					
Name: Bashar Adnan Munshid , Maithem Sabeeh Ismail Email: (bashar19812003@mu.edu.iq)					
8. Course Objectives					
Course Objectives		<p>By the end of the course, students should be able to:</p> <p>1. Explain the basic principles of diagnostic radiology 2. Describe the different types of radiographic techniques and their clinical applications 3. Interpret radiographic images and identify common pathologies 4. Demonstrate skill proficiency in observing radiographic procedures 5. Understand the risks associated with radiation exposure and apply appropriate</p>			
9. Teaching and Learning Strategies					
Strategy		<p>1-Interactive scientific lectures 2- Small learning groups 3- Discussion sessions</p>			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-7	7	The student should learn about radioanatomy and interpretation of	Respiratory radiology	Interactive theoretical lectures and small group teaching	
8-14	7		CNS radiology		
15	1		1st term examination		

16-22	7	different radiological images of common pathologies and main principles of radioprotection	Abdominal radiology		
23-29	7		MSK radiology		
30			2nd term examination		

11. Course Evaluation

10 % 1st term examination
20% mid-year examination
10% 2nd term examination
10 % practical course examination
50% final examination

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	Textbook of radiology by David Sutton
Recommended books and references (scientific journals, reports...)	American and European Journals radiology
Electronic References, Websites	Radiopedia.com

Academic Program Description Form

University Name: ...AL-Muthanna.....

Faculty/Institute:medicine.....

Scientific Department:pathology and forensic medicine.....

Academic or Professional Program Name:

Final Certificate Name: ..Bachelor of General Medicine and Surgery.....

Academic System: ...Annual.....

Description Preparation Date: 1\9\2024

File Completion Date: 25\2\2025

Signature:

Head of Department Name:

Asst.Prof.Dr.Sarah A. Abed



Signature:

Scientific Associate Name:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 15\3\2025

Signature:



Approval of the Dean

1. Program Vision

Since university education is one of the economic development and repository of knowledge and educational development , it is therefore the main tool for transferring cultural and scientific experience between human societies colleges today especially medicine are considered future centers for research and knowledge innovation , enabling them to solve some development problems in society . the department of pathology is considered one of the branches of college of medicine who seeks to prepare scientific doctors with experience because of the importance of branch for doctors future because pathology is the basic of diagnosis and then treatment.

2. Program Mission

Preparing competent and qualified specialized medical personnel in medical and scientific fields with experience in diagnosis .

Preparing medical staff specialized in knowing how to deal with various accidents and how to treat them in addition to determine the cause of death

Medical staff are fully familiar with types of diseases and their diagnosis that affect various body systems .

3. Program Objectives

The branch aim to graduate scientific medical staff with background in various types of diseases and their identification and treatment

Focusing on mastering as the basis for diagnosis to produce doctors proficient with information

Professional capabilities , behavioral tendency and highly competent people qualify them to safe medical practice

Developing teaching staff by providing an appropriate environment and training

4. Program Accreditation

Waiting to obtain accreditation from the Jordanian Accreditation Council, which is affiliated with the World Federation of Medical education.

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements	3	18		basic
Summer Training				
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
Third		General pathology	60 hr.	60hr.
fourth		Systemic pathology	60hr.	60hr.
fourth		Forensic medicine	60hr.	60hr.

8. Expected learning outcomes of the program

Knowledge

1-Describe the causes, 1- Determine the differential diagnosis, the diagnosis, and the

mechanisms of diseases and the associated alterations in cell, tissue, organ and systems functions and structure. 2- Develop skills of observation, interpretation and integration needed to analyze human diseases.	pathogenesis of the disease when provided with the clinical history, explain the anatomic lesions, and laboratory data. 2-Describe major diseases in relationship to their etiology, epidemiology clinical associated conditions, pathogenesis, morphology, pathophysiology, presentation, clinical laboratory changes, radiographic presentation, and clinical course.
Skills	
1-Apply basic knowledge in a clinical setting	1-Order and interpret appropriate laboratory and diagnostic studies.
2-Work collectively in problem-solving.	2-Recognize normal and abnormal findings across the life cycle.
Ethics	
1-view and appreciate medicine as a service profession'	1-respect for and cooperation with all participants of the health care system.
2- honesty, ethical behavior, caring and compassion.	2-Work collaboratively in problem-solving.

9. Teaching and Learning Strategies

- 1-Small group teaching
- 2-Practical session.
- 3-Large group.

10. Evaluation methods

- 1– Formative assessment.
- 2– Final summative assessment.
- 3– Objective structured clinical examination

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Two assistant professors	Bachelor of General Medicine and Surgery	Board and PHD certification in pathology			staff	

Professional Development

Mentoring new faculty members

Guiding new faculty members in the scientific and administrative systems , how to be skills in dealing with students , preparing syllabus and how preparing workshops , seminars and research

Professional development of faculty members

Directing faculty members to the syllabus , examinations management and how preparing workshops , seminars and research

12. Acceptance Criterion

Through the central admission of ministry of higher education

13. The most important sources of information about the program

Corresponding medical college curricula and the medical education unit

14. Program Development Plan

1–Use of modern information technology.

2– Apply the basic science principles of normal and abnormal structure and function to clinical medicine.

3– Develop the clinical competencies expected in each of the core medical specialties.

4– Apply principles of preventive and population-based medicine including environmental health issues.

5– Recognize and respond to acute life-threatening problems

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
Third		General pathology		X	X	X	X	X	X	X	X	X	X	X	X
fourth		Systemic pathology		X	X	X	X	X	X	X	X	X	X	X	X
fourth		Forensic medicine		X	X	X	X	X	X	X	X	X	X	X	X

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

Course Description Form

1. Course Name:
Pathology and forensic medicine
2. Course Code:
3. Semester / Year:
2023–2024
4. Description Preparation Date:
1\9\2023
5. Available Attendance Forms:
6. Number of Credit Hours (Total 120) / Number of Units for each coarse (6)
7. Course administrator's name (mention all, if more than one name)
Name: Asst.Prof.Dr.Sarah A. Abed Email: sarah.ali@mu.edu.iq Asst.Prof.Dr.Thaffer S. Jawad

8. Course Objectives

Course Objectives

- 1) To develop an understanding of the causes and mechanisms of the associated alterations of structure and function. disease and
- 2) To develop skills of observation, interpretation, and integration analyze human disease. When provided with the clinical needed to omical lesions, and the laboratory data of a patient, to history, the ost likely diagnosis and explain the pathoge nesis of determine the the disease.

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9. Teaching and Learning Strategies

Strategy

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Every week	4hr.	understand pathogenesis, morphology	Pathology and forensic	1- Large group teaching	Formative summative exam

		and clinical manifestations of basic pathological processes and diseases at the molecular, cellular, tissue levels	medicine	2- Small group teaching 3- Practical sessions	
11. Course Evaluation					
Distribution of score is 40% annual quest is 40% (mid year 20% , 20% for first and second semesters) , 60% for final exam(20% for practical exam , 40% for theoretical exam)					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Robbins basic pathology. 9th edition Elsevier, 2013		

Main references (sources)	References: Levison DA: Muir's Textbook of pathology. 14th edition, 2008 Edward Arnold.
Recommended books and references (scientific journals, reports...)	Most recent editions of major sources and reliable internet sites
Electronic References, Websites	Web path/google Pathology online ppt. lectures and videos

Academic Program Description Form

University Name:ALMuthanna.....

Faculty/Institute:College of medicine.....

Scientific Department:Internal Medicine.....

Academic or Professional Program Name:Internal Medicine.....

Final Certificate Name: ...Bachelor in Medicine and general surgery.....

Academic System: ...Annual.....

Description Preparation Date: 1\9\2024

File Completion Date: 25/2/2025

Signature:

Head of Department Name:

Prof. Dr. Ali Adnan Jabbar

Signature:

Scientific Associate Name:

Assistant Prof. Ince Mohammed Nouri

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 15\3\2025

Signature:



Approval of the Dean

1. Program Vision

The vision, mission and goals of the College of Medicine are clear and evident in the corridors of the college and outside it. The vision is for the College of Medicine to be a prominent scientific teacher working to develop the health reality in the governorate by supplying health institutions with qualified graduates with a good academic level, who are able to bear responsibility and deal with... The patient is humane and highly scientific, and works to encourage teaching staff as well as final stage students to conduct solid scientific and practical research that includes the problems of the health and medical reality, in order to raise the scientific and academic level of the college to suit local and international scientific requirements.

2. Program Mission

The college's mission: The college, its deanship and its staff, since its founding, has been striving to have an integrated educational role based on the latest modern scientific methods to raise the scientific level of graduates and make them capable of proper diagnosis. It also seeks to cultivate a spirit of brotherhood and cooperation among graduates so that the future doctor will be able to work in the spirit of One team and respect for other health personnel in order to be able to provide the best and to be able to interact in the medical and social environment. The college also aspires to strengthen continuing medical education programs that include all doctors working in health institutions for the purpose of achieving the most important goal, which is improving the health situation.

3. Program Objectives

1- Work to increase the teaching staff to be able to keep up with the number of students and enhance the concept of small group teaching.

- 2 – Working to graduate competent doctors with high scientific and clinical skills to enable them to practice the medical profession.
- 3 – Work to nourish the spirit of scientific research among the teaching staff and encourage research that touches on the health reality in order to evaluate it and diagnose its weaknesses.
- 4 – Cultivating a spirit of cooperation between the teaching staff and students by conducting joint research under the supervision of the teaching staff.
- 5 – Working to nurture the humanitarian side of students and graduates in their dealings with the patient and the rest of the medical and health staff.
- 6 – Encouraging students and graduates to make field visits to health and social institutions to enable them to provide medical services directly.
- 7 – Focusing on the principles of raising quality and working to strengthen them among the college's cadres, both scientific and administrative, to raise the academic level of the college.
- 8 – Forming scientific committees to update study plans, curricula, and clinical training methods to keep pace with international universities.
- 9 – Intensifying health awareness programs for the purpose of raising the level of health awareness in society.
- 10 – Contributing to the development of medical education and advanced health care at the local and regional levels.
- 11– . The student must be able to take a patient's medical history and examine patients for an academic medical examination In general, with examination of various body systems
- 12– The student should be able to search scientific sources and journals and be able to conduct discussions Scientific knowledge regarding clinical cases.
- 13–Attendance – in hospital ward, especially emergency, CCU, and Intensive care units.
- 14–Training in conducting internal medicine interventions,whether in hospital or ER .

4. Program Accreditation

Waiting to obtain accreditation from the Jordanian Accreditation Council, which is affiliated with the World Federation of Medical education.

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements	4 stages	3rd stage:6 Unites 4th stage:12 Unites 5th stage:7 Unites 6th stage:12 Unites		Basic
Summer Training		Only 6th stage have summer training		
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
3rd stage		Internal medicine	30	60
4th stage		Internal medicine	150	180
5th stage		Internal medicine	60	120
6th stage		Internal medicine	30 seminars	300

8. Expected learning outcomes of the program

Knowledge

1-Describe the causes, mechanisms of diseases and the associated alterations in systems functions and structure. 2- Develop skills of observation, interpretation and integration needed to analyze human illness.	1-Apply basic knowledge in a clinical setting 2-Work collaboratively in problem-solving 3-Recognize normal and abnormal findings across the life cycle
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Skills

1-Apply basic knowledge in a clinical setting	1- Exhibit teamwork and collegiality and respect diversity.
2-Work collectively in problem-solving.	2- View medicine as a service profession.

Ethics

1-view and appreciate medicine as a service profession'	1- Develop effective test-taking skills.
2- honesty, ethical behavior, caring and compassion	2- Integrate history, physical examination and laboratory results.

9. Teaching and Learning Strategies

- 1-Interactive scientific lectures
- 2- Small learning groups
- 3- Clinical education groups
- 4- Discussion sessions

10. Evaluation methods

The third stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 10%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 10%

Practical final exam 20%

Final theoretical exam 40%

The fourth stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 5%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 5%

Practical final exam 10%

Final theoretical exam 60%

The fifth stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 10%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 10%

Practical final exam 10%

Final theoretical exam 50%

Sixth stage: clinical training in the teaching hospital

Practical clinical exam 20%

Final clinical exam 40%

Final theoretical exam 40%

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
1– Prof. Dr.	Medicine and general surgery	Internal medicine			1	
2– Prof. Dr.	Medicine and general surgery	oncology			1	
3– Assistant Prof.	Medicine and general surgery	nephrology			1	
4– Assistant Prof.	Medicine and general surgery	Internal medicine			1	
5– Assistant Prof.	Medicine and general surgery	cardiology			1	
5– Assistant Prof.	Medicine and	neurology			2	

	general surgery					
6- Dr.	Medicine and general surgery					1

Professional Development

Mentoring new faculty members

Instructing new faculty members in the college's scientific and administrative systems, how to skillfully deal with students, preparing the study plan, and procedures for the academic year in terms of workshops, seminars, and research.

Professional development of faculty members

Directing faculty members to the annual plan and preparing topics for the academic year in terms of workshops, seminars, research, and developing the annual plan.

12. Acceptance Criterion

(Through the central admission through the Ministry of Higher Education)

13. The most important sources of information about the program

Corresponding medical college curricula and the medical education unit

14. Program Development Plan

1. Teaching and training students of primary studies and postgraduate clinical studies in comparison with the progress recorded in the teaching process and clinical knowledge globally.

2. Preparing doctors who are able to manage the comprehensive medical care process in order to improve the patient's health status based on advanced diagnostic and therapeutic developments.
3. Improving scientific knowledge that aims to understand the disease process and then the possibility of preventing and treating it through cognitive integration between basic sciences and clinical sciences.
4. Creating a generation of graduates in medical schools who are qualified and able to complete their postgraduate studies within the perspective of modern concepts of medical care.

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
Third		Internal medicine	Basic	X	X	X	X	X	X	X	X	X	X	X	X
Fourth		Internal medicine	Basic	X	X	X	X	X	X	X	X	X	X	X	X
Fifth		Internal medicine	Basic	X	X	X	X	X	X	X	X	X	X	X	X
Sixth		Internal medicine	Basic	X	X	X	X	X	X	X	X	X	X	X	X

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

Course Description Form

1. Course Name:	
Human Biology	
2. Course Code:	
3. Semester / Year:	
First Year 2024–2025	
4. Description Preparation Date:	
1\9\2024	
5. Available Attendance Forms:	
Theoretical and practical	
6. Number of Credit Hours (Total) / Number of Units (Total)	
135/6	
7. Course administrator's name (mention all, if more than one name)	
Name: 1- Dr. Hussein T. Abdulabbas 2- M.Sc. Hussein Alburkat Email: hussein.thair@mu.edu.iq Hussein.alburkat@mu.edu.iq	
8. Course Objectives	
Course Objectives Human Biology is designed to achieve the following objectives for the benefit of the students involved:	1- Description the human body at the level of molecules, cells, tissue and systems, and apply this understanding to human function. 2- Understand of the basic principles of transmission, molecular, and genetics as it relates to humans, and to examine their relevance to our society and human genetic diseases. 3- Applying knowledge of biosafety principles, biological agent classification systems, biological hazards and containment levels.
9. Teaching and Learning Strategies	
Strategy	Group discussion strategy Active learning strategy

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Cognitive skills in medical Field	An introduction to cell biology	Lecture and Discussion	Mutual Dialogue
2	2	Cognitive skills in medical Field	Eukaryotic and prokaryotic cells	Lecture and Discussion	Mutual Dialogue
3	2	Cognitive skills in medical Field	The cell membrane Structure	Lecture and Discussion	Quiz
4	2	Cognitive skills in medical Field	Cell organelles	Lecture and Discussion	Mutual Dialogue
5	2	Cognitive skills in medical Field	Cytoskeleton	Lecture and Discussion	Mutual Dialogue
6	2	Cognitive skills in medical Field	Membrane Dynamics (cell transport)	Lecture and Discussion	Quiz
7	2	Cognitive skills in medical Field	Plasma Membrane Receptors	Lecture and Discussion	Mutual Dialogue
8	2	Cognitive skills in medical Field	The nucleus	Lecture and Discussion	Researches assessment
9	2	Cognitive skills in medical Field	Nucleic acids (DNA and RNA types)	Lecture and Discussion	Quiz
10	2		First Exam		Written exam
11	2	Cognitive skills in medical Field	Introduction to the Cell Cycle	Lecture and Discussion	Mutual Dialogue
12	2	Cognitive skills in medical Field	Mitosis, Meiosis, and Cell Death	Lecture and Discussion	Quiz
13			Midterm Exam		Written exam
14	2	Cognitive skills in medical Field	Epithelial tissue	Lecture and Discussion	Mutual Dialogue
15	2	Cognitive skills in medical Field	Connective tissue	Lecture and Discussion	Mutual Dialogue
16	2	Cognitive skills in medical Field	Cell junctions	Lecture and Discussion	Quiz
17	2	Cognitive skills in medical Field	Muscle tissue and nervous tissue	Lecture and Discussion	Mutual Dialogue
18	2	Cognitive skills in medical Field	Genome Structure and Replication	Lecture and Discussion	Mutual Dialogue
19	2	Cognitive skills in medical Field	Gene expression I - central dogma o molecular biology, gene structure transcription, and RNA modification	Lecture and Discussion	Quiz
20	2	Cognitive skills in medical Field	Gene expression II - translation, geneti code, post-translational modifications	Lecture and Discussion	Mutual Dialogue

21	2	Cognitive skills in medical Field	Introduction of Human genetics	Lecture and Discussion	Mutual Dialogue
22	2	Cognitive skills in medical Field	Patterns of Genetic Inheritance	Lecture and Discussion	Quiz
23	2	Cognitive skills in medical Field	Mutations and genetic disorders	Lecture and Discussion	Researches assessment
24	2	Cognitive skills in medical Field	Human Pedigrees	Lecture and Discussion	Quiz
25	2		Second EXAM		
26	2	Cognitive skills in medical Field	Cancer Genetics	Lecture and Discussion	Mutual Dialogue
27	2	Cognitive skills in medical Field	Epigenetics - interactions of genes and environment	Lecture and Discussion	Mutual Dialogue
28	2	Cognitive skills in medical Field	DNA Technology (PCR, FISH, etc.)	Lecture and Discussion	Quiz
29	2	Cognitive skills in medical Field	Introduction to Biosafety	Lecture and Discussion	Mutual Dialogue
30	2	Cognitive skills in medical Field	Biosafety containment levels & Biohazard symbols	Lecture and Discussion	Mutual Dialogue
31	2	Cognitive skills in medical Field	Biological hazards & Control of biological hazards	Lecture and Discussion	Researches assessment
32		Cognitive skills in medical Field	Biosecurity	Lecture and Discussion	Quiz

11. Course Evaluation

Formative assessment (no marks)

Continuous progress assessment- Reports, Quizzes & student's attendance (5 marks)

Midterm Exam (20)

First and Second semester Exam (15)

Summative Exam (written) 40 marks

Multi station practical Exam 20 marks

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Human Biology (15th Edition, 2018) by sylvia Mader and Michael Windelspech
Main references (sources)	Principles of Genetics (7th edition, 2011) by Peter Snustad and Michael J. Simmon Cell Biology, Fourth Edition 2012 Pollard, Thomas D. (Thomas Dea

	1942- author. Earnshaw, William author. Lippincott-Schwartz, Jennif author. Johnson, Graham T., illustrator.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	Nature Science

Course Description Form

1. Course Name:					
General surgery					
2. Course Code:					
3. Semester / Year:					
Fourth stage 2024–2025					
4. Description Preparation Date:					
1–9–2024					
5. Available Attendance Forms:					
6. Number of Credit Hours (Total) / Number of Units (Total)					
60 hr 9 units					
7. Course administrator's name (mention all, if more than one name)					
Name: ali faeq sadeq Email: alifaeq@mu.ed.iq					
8. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> To learn student how to treat and diagnose surgical cases specially in emergency unit.... 			
9. Teaching and Learning Strategies					
Strategy	Lectures Practical sessions discussion				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-8	14hs	Learn how to diagnose and treat surgical cases	Esophageal and gastric Disease		

1-8 8-12	14hs	Rectal disease, hernia, intestinal obstruction, anal canal disease	Liver disease and biliary tract diseases		
12-20		Breast disease, thyroid diseases, pancreas disease Small and large bowel disease			

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

5% theory exam

10% osce stations

5% theory exam

20% half year exam

60% final exam

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Short practice of surgery
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	medscape

Course Description Form

1. Course Name:					
Internal Medicine					
2. Course Code:					
3. Semester / Year:					
Third year 2024–2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
In campus and teaching Hospital					
6. Number of Credit Hours (Total) / Number of Units (Total)					
3/90					
7. Course administrator's name (mention all, if more than one name)					
Name: Saad Hallawee Saad Email: dr_saeed76@edu.mu.iq					
8. Course Objectives					
Course Objectives			<ul style="list-style-type: none"> • Cardinal medical manifestaitaion.. • .Infectious diseases.... • .Nutritional medicine • Electrolytes.. • Poisoning.. 		
9. Teaching and Learning Strategies					
Strategy		Teaching whole class as theoretical lectures Small group clinical teaching Small group seminar teaching			
10. Course Structure					
Week	Hours	Required Learning Outcome s	Unit or subject name	Learning method	Evaluation method
Every week	4		Learning The	Clinical sessions	idterm exam

			infectious disease nutritional Disaese Poisoning Electrolytes		
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11. Course Evaluation

20 marks first and second terms
 20 mid year examination
 10 final clinical examination
 50 final theory examination

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Davidson's principles and practice of medicine Macleod's Clinical Examination
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

1. Course Name:					
Medical histology					
2. Course Code:					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
daily					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 h, 2 Unit					
7. Course administrator's name (mention all, if more than one name)					
Name: Dr. Eyhab R. Muhssan Email: eyhabrazzaq@mu.edu.iq .					
8. Course Objectives					
Course Objectives			<ul style="list-style-type: none"> Learning of basic histo. Learning of systimatic histo... Learning of tissue body 		
9. Teaching and Learning Strategies					
Strategy					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
60	60	Learning of Med. Histology	Medical Histo.	Theoretical practical activities	Theoretical exam activities

11. Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc Practical: 30 , Theoretical: 70					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Junqueira's Basic Histology: Text and Atlas 2022		
Main references (sources)			Difiore's Atlas of Histology		
Recommended books and references (scientific journals, reports...)			1- Stevens & Lowe's Human Histology 2- Color Atlas and Text Histology		
Electronic References, Websites			Histology at a Glance		

Course Description Form

1. Course Name:					
Otolaryngology					
2. Course Code:					
3. Semester / Year:					
2024_2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
In campus and the teaching hospital.					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 hours\3units					
7. Course administrator's name (mention all, if more than one name)					
Name: ass.prof. Alaa Yass Abed Email: Alaa_yass@mu.edu.iq					
8. Course Objectives					
Course Objectives		Study the ear. Nose and throat physiology..... Study the ear. Nose and throat .diseases.... •			
9. Teaching and Learning Strategies					
Strategy	1- All class - theoretical lectures 2- Small groups – learning methods of examinations and diagnosis				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Every week	1 hour Theory 12 practice		Rhinology: Allergic Rhinitis. : pisa Otology: • Anatomy of ear & physiology of hearing		

			<ul style="list-style-type: none"> • Diseases of the external ear. <ul style="list-style-type: none"> • Non suppurative otitis media. • Facial n. / anatomy & lesions. Laryngology <ul style="list-style-type: none"> • Anatomy & Physiology of Larynx. • Cong. Anomalies of Larynx. • Trauma of Larynx. • Tumors of Larynx. • Management of Upper Airways Obstruction. <ul style="list-style-type: none"> • Anatomy & physiology of the pharynx. • Diseases of the tonsil. <ul style="list-style-type: none"> • Adenoid hypertrophy & adenoidectomy. • Pharyngitis • Anatomy & infection of the neck spaces • Neck mass. • Foreign bodies in otolaryngology 		
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11. Course Evaluation

Term tests 20

Midyear 20

Final examination 60

12. Learning and Teaching Resources

Main references (sources) Diseases of ear.nose.throat lecture notes.by Ray Clarke Eleventh edition	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

1. Course Name:					
obstetric					
2. Course Code:					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
1/9/2024					
5. Available Attendance Forms:					
In campus					
6. Number of Credit Hours (Total) / Number of Units (Total)					
60 hours 6 units					
7. Course administrator's name (mention all, if more than one name)					
Name: Inass yaseen Jassim Email: emadbugw@mu.edu.iq					
8. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> Physiological changes during pregnancy Labour and malpresentation Medical disease during pregnancy..... Other complication antepartum and postpartum..... 			
9. Teaching and Learning Strategies					
Strategy	Large group-theoretical lectures Small group-clinical sessions				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

	2hour	Diagnosis of pregnancy And its management And labour and complication pregnancy and labour	Diagnosis of pregnancy Physiological changes Medical diseases Labour malpresentation Antepartum and Postpartum complication	Large groups	Formative Summative exam
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11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

5% marks for each semester

20% marks for mid year exam

10% marks for clinical course exam

60% marks for final exam

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Obstetric by ten techears
Main references (sources)	
Recommended books and references (scientific journals, reports...)	Update academic websits
Electronic References, Websites	

Course Description Form

1. Course Name:	
University Culture and Freedom Rights	
2. Course Code:	
3. Semester / Year:	
2024-2025	
4. Description Preparation Date:	
1\9\2024	
5. Available Attendance Forms:	
Personal presence	
6. Number of Credit Hours (Total) / Number of Units (Total)	
60hour/4units	
7. Course administrator's name (mention all, if more than one name)	
Name: Eqtidar Mohsen Email: eqtidar.mohsen@mu.edu.iq	
8. Course Objectives	
Course Objectives	<p>There are several goals for teaching the prescribed subject, including acquainting the student with the importance of the cultural aspect, and helping him increase his cultural reserve by providing correct guidance to increase this reserve, as well as introducing him to the leadership role that the university institution exercises in refining and developing the university student's culture by preparing competent teaching staff and their interest in research. Scientific and development, and the basic goal cannot be overlooked, which is to guide the student in a way that makes him an effective, creative and productive element that serves his society. Likewise, the goals related to public freedoms that the student must enjoy as a citizen belonging to a state that must be governed by a constitution and law that effectively recognize human freedoms cannot be overlooked.</p>

9. Teaching and Learning Strategies					
Strategy	In teaching the scientific material, a set of strategies were adopted in order to deliver the scientific material, which are: 1- Dialogue and discussion strategy. 2- Brainstorming strategy. 3- Group work strategy: This strategy is carried out by assigning two more students to work on seminars, the titles of which are chosen from among the subject items specified by the Ministry.				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or s*Public freedoms and human rights and the extent of their application in Iraqi society *The right to health care and respect for freedom *Human rights and freedoms in the divine religions and the Iraqi constitution *The medical profession (medical behavior, the most important characteristics that a doctor must possess, doctors and humanity, medical responsibility)	Learning method	Evaluation method

			*University student culture *The role of the state in providing full protection for the rights of its citizens subject name		
Every week	2hours	<p>The student must realize the importance of the university stage in enhancing the cultural aspect of his academic life and that his endeavor should not be limited to achieving scientific progress in his field of specialization only, but rather must strive to increase the cultural stock of other scientific fields, and employ everything that would bring about a positive change in the field of specialization. The cognitive and moral level.</p>	<p>*Public freedoms and human rights and the extent of their application in Iraqi society *The right to health care and respect for freedom *Human rights and freedoms in the divine religions and the Iraqi constitution *The medical profession (medical behavior, the most important characteristics that a doctor must possess doctors and humanity, medical responsibility) *University student culture *The role of the state in providing full protection for the rights of its citizens *Personal freedom and how to preserve them, religious freedom *Cultural freedoms</p>	<p>Preparing scientific material in advance, having reviewed the student so that it can be discussed during the lecture, asking questions in order to know the extent of their response to scientific material.</p>	<p>Student discussion, data exam, report writing</p>

			<p>and rights, *The right to protect the material and moral interests of intellectuals</p> <p>*Freedoms from the point of view of the philosopher</p> <p>Immanuel Kant and their types (negative and positive)</p> <p>*University culture and cultural movement</p> <p>*Life stresses and how to get rid of them</p> <p>*Cultural pluralism and freedoms for university students</p> <p>*Academic freedoms and the role of universities in promoting them</p> <p>*Cultural ethics for university students</p> <p>*University Student Code of Ethics</p> <p>*The role of universities in developing and advancing society</p> <p>*The role of universities in preparing youth leaders to enhance social responsibility</p> <p>*Academic excellence skills for university students</p> <p>*Preparing the university student to enter the labor</p>		
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			market and serve community		
11. Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc 10 marks for each of the first and second semester, 20 marks for the mid-year exam, 60 marks for the final exam.					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)					
Main references (sources)			Book of theories of public freedom intellectual trends in human rights and public freedoms		
Recommended books and references (scientific journals, reports...)			Requirements for promoting cultural pluralism in the learning community, number of diverse publications (books, dissertations, university theses, research reports...)		
Electronic References, Websites			https://scholar.google.com/schhp?hl=ar		

Course Description Form

1. Course Name:	
Orthopedic &traumatology	
2. Course Code:	
3. Semester / Year:	
2024–2025	
4. Description Preparation Date:	
1/9/2024	
5. Available Attendance Forms:	
Daily	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120 hours for 5 th year +132 hours for 6 th years/5.5+4.5	
7. Course administrator's name (mention all, if more than one name)	
Name: Jasim Hasan Imarah Email: jassim-hassan@mu.edu.iq Ali Taha Hussain Osama Jabbar Hawala	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none"> • By the end of the course students should be able to • .1Dealwith ergent cases • casualty(diagnosis&treatment • 2follow & manage cases in ward • .3Do simple orthope • procedures like casting&tracti • •
9. Teaching and Learning Strategies	
Strategy	1. Lectures 2. Small group teaching 3.seminard 4. O patients examination &treatments 5. Observations operative procedures in theater

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Diagnosis of fracture	Principal of frac	Lecture	Quiz Clinical & assessment Written Examination
2	2	Open fracture treatment	Diagnosis & treatment	Lecture	
3	2	Hip & femur trauma	Management cases	Lecture	
4	2	Shoulder & humerus trauma	Fractures & dislocation	rays Lecture	
5	2	Differentiating children fractures	Classification & Dx	Lecture	
6	2	Prevention & Dx	Complications of Osteoarthritis	Lecture	
7	2	OA Dx & treatment		Lecture	
8	2	Definition & management		Lecture	
9	2	Dx of foot disorders		Lecture	
			Congenital cases diseases		

11. Course Evaluation

1st term exam. 10

Out patient clinic exam. 10

Mid years exam. 20

2nd term exam. 10

Final exam 50

11. d Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	Apely system of orthopedics & fractures
Recommended books and references (scientific journals, reports...)	Adam fractures Update knowledge of orthopedic British bone & joint journal
Electronic References, Websites	SICOTT on line

Dr. Jasim Hasan Imaraha

Academic Program Description Form

University Name:ALMuthanna.....

Faculty/Institute:College of medicine.....

Scientific Department:general surgery.....

Academic or Professional Program Name:general surgery.....

Final Certificate Name: ...Bachelor in Medicine and general surgery.....

Academic System: ...Annual.....

Description Preparation Date: 1\9\2024

File Completion Date: 25/2/2025

signature

Head of department name

Assistant prof dr ALI FAEQ

Signature:

Scientific Associate Name: dr am. n

Assistant Prof. Ince Mohammed Nouri

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 15\3\2025

Signature:



Approval of the Dean

1. Program Vision

The vision, mission and goals of the College of Medicine are clear and evident in the corridors of the college and outside it. The vision is for the College of Medicine to be a prominent scientific teacher working to develop the health reality in the governorate by supplying health institutions with qualified graduates with a good academic level, who are able to bear responsibility and deal with... The patient is humane and highly scientific, and works to encourage teaching staff as well as final stage students to conduct solid scientific and practical research that includes the problems of the health and medical reality, in order to raise the scientific and academic level of the college to suit local and international scientific requirements.

2. Program Mission

The college's mission: The college, its deanship and its staff, since its founding, has been striving to have an integrated educational role based on the latest modern scientific methods to raise the scientific level of graduates and make them capable of proper diagnosis. It also seeks to cultivate a spirit of brotherhood and cooperation among graduates so that the future doctor will be able to work in the spirit of One team and respect for other health personnel in order to be able to provide the best and to be able to interact in the medical and social environment. The college also aspires to strengthen continuing medical education programs that include all doctors working in health institutions for the purpose of achieving the most important goal, which is improving the health situation.

3. Program Objectives

1- Work to increase the teaching staff to be able to keep up with the number of students and enhance the concept of small group teaching.

- 2 – Working to graduate competent doctors with high scientific and clinical skills to enable them to practice the medical profession.
- 3 – Work to nourish the spirit of scientific research among the teaching staff and encourage research that touches on the health reality in order to evaluate it and diagnose its weaknesses.
- 4 – Cultivating a spirit of cooperation between the teaching staff and students by conducting joint research under the supervision of the teaching staff.
- 5 – Working to nurture the humanitarian side of students and graduates in their dealings with the patient and the rest of the medical and health staff.
- 6 – Encouraging students and graduates to make field visits to health and social institutions to enable them to provide medical services directly.
- 7 – Focusing on the principles of raising quality and working to strengthen them among the college's cadres, both scientific and administrative, to raise the academic level of the college.
- 8 – Forming scientific committees to update study plans, curricula, and clinical training methods to keep pace with international universities.
- 9 – Intensifying health awareness programs for the purpose of raising the level of health awareness in society.
- 10 – Contributing to the development of medical education and advanced health care at the local and regional levels.
- 11– . The student must be able to take a patient's medical history and examine patients for an academic medical examination In general, with examination of various body systems
- 12– The student should be able to search scientific sources and journals and be able to conduct discussions Scientific knowledge regarding clinical cases.
- 13–Attendance – in hospital ward, especially emergency, CCU, and Intensive care units.
- 14–Training in conducting internal medicine interventions,whether in hospital or ER .

4. Program Accreditation

Waiting to obtain accreditation from the Jordanian Accreditation Council, which is affiliated with the World Federation of Medical education.

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements	4 stages	3rd stage:2Unites 4th stage:9 Unites 5th stage:9 Unites 6th stage:12 Unites		Basic
Summer Training		Only 6th stage have summer training		
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
3rd stage		General surgery	30	
4th stage		General surgery	96	80
5th stage		General surgery	82	115
6th stage		General surgery	30 seminars	300

8. Expected learning outcomes of the program

Knowledge

1-Describe the causes, mechanisms of diseases and the associated alterations in systems functions and structure. 2- Develop skills of observation, interpretation and integration needed to analyze human illness.	1-Apply basic knowledge in a clinical setting 2-Work collaboratively in problem-solving 3-Recognize normal and abnormal findings across the life cycle
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Skills

1-Apply basic knowledge in a clinical setting	1- Exhibit teamwork and collegiality and respect diversity.
2-Work collectively in problem-solving.	2- View medicine as a service profession.

Ethics

1-view and appreciate medicine as a service profession'	1- Develop effective test-taking skills.
2- honesty, ethical behavior, caring and compassion	2- Integrate history, physical examination and laboratory results.

9. Teaching and Learning Strategies

- 1-Interactive scientific lectures
- 2- Small learning groups
- 3- Clinical education groups
- 4- Discussion sessions

10. Evaluation methods

The third stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 10%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 10%

Practical final exam 20%

Final theoretical exam 40%

The fourth stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 5%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 5%

Practical final exam 10%

Final theoretical exam 60%

The fifth stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 10%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 10%

Practical final exam 10%

Final theoretical exam 50%

Sixth stage: clinical training in the teaching hospital

Practical clinical exam 20%

Final clinical exam 40%

Final theoretical exam 40%

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
.assis-1 Prof. .Dr Doctor	Medicine and general surgery	General surgery			4	
2- Prof. Dr.assis. Prof Doctor	Medicine and general surgery	Orthopedics surgery			3	
3- Assistant Prof.	Medicine and general surgery	Urosurgery			2	
4- Assistant Prof.	Medicine and general surgery	Ophthalmology			1	
5- Assistant Prof.	Medicine and general surgery	E. N. T			1	
5-Prof.	Medicine and	Anasthesia and			1	

	general surgery	ICU				
6- Dr.	Medicine and general surgery					1

Professional Development

Mentoring new faculty members

Instructing new faculty members in the college's scientific and administrative systems, how to skillfully deal with students, preparing the study plan, and procedures for the academic year in terms of workshops, seminars, and research.

Professional development of faculty members

Directing faculty members to the annual plan and preparing topics for the academic year in terms of workshops, seminars, research, and developing the annual plan.

12. Acceptance Criterion

(Through the central admission through the Ministry of Higher Education)

13. The most important sources of information about the program

Corresponding medical college curricula and the medical education unit

14. Program Development Plan

1. Teaching and training students of primary studies and postgraduate clinical studies in comparison with the progress recorded in the teaching process and clinical knowledge globally.

2. Preparing doctors who are able to manage the comprehensive medical care process in order to improve the patient's health status based on advanced diagnostic and therapeutic developments.
3. Improving scientific knowledge that aims to understand the disease process and then the possibility of preventing and treating it through cognitive integration between basic sciences and clinical sciences.
4. Creating a generation of graduates in medical schools who are qualified and able to complete their postgraduate studies within the perspective of modern concepts of medical care.

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
Third		General surgery	Basic	X	X	X	X	X	X	X	X	X	X	X	X
Fourth		General surgery	Basic	X	X	X	X	X	X	X	X	X	X	X	X
Fifth		General surgery	Basic	X	X	X	X	X	X	X	X	X	X	X	X
Sixth		General surgery	Basic	X	X	X	X	X	X	X	X	X	X	X	X

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

Course Description Form

1. Course Name: Dermatology					
2. Course Code:					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
Dialy					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 hr theory /yr and 15 hr clinical sessions/wk 3 unit					
7. Course administrator's name (mention all, if more than one name)					
Name: Assisst prof Dr Arwaa A Abed Abdul Hussein Email: dr.ir76@mu.edu.iq					
8. Course Objectives					
Course Objectives			<ul style="list-style-type: none"> To know the most important dermatological diseases.... How to diagnosed and treat the patients How to take history and examine the patients 		
9. Teaching and Learning Strategies					
Strategy	To have knowldge and understandig of common skin diseases and sexually transmitted diseases.				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1wk	1hr	Knowldge and	1)Histology of skin	Data sheet theory and	Quiz Questions

		<p>Understanding:</p> <p>The common skin diseases, sexually transmitted diseases and some rare skin disorders.</p> <p>Skills:</p> <p>To have professional skills to interpret the clinical picture of The common skin diseases,</p>	<p>2) Signs and symptoms of skin diseases.</p> <p>3) Eczema part 1.</p> <p>4) Eczema part 2.</p> <p>5) Acne and rosacea.</p> <p>6) Papulosquamous diseases part 1.</p> <p>7) Papulosquamous diseases part 2.</p> <p>8) Superficial fungal infections of skin.</p> <p>9) Bacterial</p> <p>11) viral infections of skin part 1.</p> <p>11) Bacterial and viral infections of skin part 2.</p> <p>12) Parasitic skin infestations.</p> <p>13) Connective tissue disorders part 1.</p>	slides	
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		sexually transmitted diseases and some rare skin disorders and to diagnose them and have intellectual skill to treat them.	14)Connective tissue disorders part 2. 15)Pruritus. 16)Skin diseases caused by physical factors. 17)Urticaria 18)Genodermatoses part 1. 19) Genodermatoses part 2. 20) reactive erythema 21)Hair problem 1. 22)Hair problems. 2 23)Pigmentary skin disorders. 24)Bullous skin disorders. 25)Skin tumours. 26)Drug eruption 27)Phototherapy in		
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			dermatology. 28)Nail disorders. 29)Cutaneous manifestations of systemic diseases part 1. 30)STD.		
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11. Course Evaluation

First semester test 10%. Mid year 20%, second semester 10%, clinical exam 10%, final exam 50% in addition to multiple quizzes

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Hunters clinical dermatology
Main references (sources)	Andrews textbook dermatology
Recommended books and references (scientific journals, reports...)	Rooks, JAAD, Archive dermatology
Electronic References, Websites	Dermnet.com

Course Description Form

1. Course Name: Computer					
2. Course Code:					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
Dialy					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 hr theory /yr					
7. Course administrator's name (mention all, if more than one name)					
Name: m.barakat saad					
Email:					
8. Course Objectives					
Course Objectives			<ul style="list-style-type: none"> • • Training the student and develop his scientific abilities • • . Familiarity with the concept of Internet and its applications • • Providing the student with the sk of creating, editing and print documents..... 		
9. Teaching and Learning Strategies					
Strategy		<p>1- Developing students to adapt to the rapid changes in spec technologies in the field of information that characterize t era. 2- Developing students' ability to think scientifica through problem-solving using computers</p>			
10. Course Structure					
Week	Hours	Required Learning	Unit or subject name	Learning method	Evaluation method

		Outcomes			
			Computer viruses Computer generations Introduction to computer Microsoft Office application Ways prevent computer viruses	Development of computer skills	

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Computer Systems
Main references (sources)	Computer Systems Architecture
Recommended books and references (scientific journals, reports...)	Introduction To Computing Systems
Electronic References, Websites	Computer Systems

Course Description Form

1. Course Name:	
Democracy and human rights	
2. Course Code:	
3. Semester / Year:	
2024-2025	
4. Description Preparation Date:	
1\9\2024	
5. Available Attendance Forms:	
Personal presence	
6. Number of Credit Hours (Total) / Number of Units (Total)	
60hour/4units	
7. Course administrator's name (mention all, if more than one name)	
Name: Eqtidar Mohsen Email: eqtidar.mohsen@mu.edu.iq	
8. Course Objectives	
Course Objectives	<p>At the end of the academic year, the student must be sufficiently aware of the following</p> <p>1_The nature of democracy and human rights</p> <p>2_The basic elements that must be present to achieve the true meaning of democracy.</p> <p>3_The general rights that constitute the structure of human rights and which they must enjoy.</p> <p>4_ The basic role of the state in implementing the stated basics in the field of democracy and human rights in theory on the ground.</p> <p>5_ Make the student realize his essential and effective role in achieving democracy and human rights in his country.</p>
9. Teaching and Learning Strategies	
Strategy	<p>In teaching the scientific material, a set of strategies were adopted in order to deliver the scientific material, which are:</p> <p>1- Dialogue and discussion strategy.</p> <p>2- Brainstorming strategy.</p>

3- Group work strategy: This strategy is carried out by assigning two more students to work on seminars, the titles of which are chosen from among the subject items specified by the Ministry.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or s*Public freedoms and human rights and the extent of their application in Iraqi society *The right to health care and respect for freedom *Human rights and freedoms in the divine religions and the Iraqi constitution *The medical profession (medical behavior, the most important characteristics that a doctor must possess, doctors and humanity, medical responsibility) *University student culture *The role of the state in providing full protection for	Learning method	Evaluation method
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			the rights of its citizensubject name		
Every week	2hours	Make the student realize the importance and necessity of the enjoyment of public rights and freedoms as a human being, and his right to experience the features of democracy and the features of its application on the ground as a citizen living in a country with a democratic system. He may not believe that human rights and democracy are two sides of the same coin, and that the achievement of one is linked to the achievement of the other.	<p>*The nature of democracy and human rights</p> <p>*The legal nature of the medical contract and the most important obstacles that stand in the way of achieving democracy</p> <p>*Elements of the democratic style</p> <p>*General human rights and freedoms</p> <p>Legal obligations related to the patient's rights</p> <p>*Legal obstacles for the doctor and the patient</p> <p>Discussions about natural human rights in society</p> <p>*International human rights law</p> <p>*Discussions about health care</p> <p>*Human right to education</p> <p>*Physician compliance control</p> <p>*The impact of democracy on social life</p> <p>*The United Nations application of international human rights law</p>	Preparing the scientific material in advance, having reviewed the student so that it can be discussed during the lecture, and asking questions in order to know the extent of their responsibility to the scientific material.	Student discussion, daily exam, report writing

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily

preparation, daily oral, monthly, or written exams, reports etc
10 marks for each of the first and second semester, 20 marks for the mid-year exam, 60 marks for the final exam.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Book of International Human Rights Law Book of the Universal Declaration of Human Rights
Main references (sources)	The book on democratic transformation Iraq, democracy and its types, democracy and human rights, medical and education ethics for the patient and the doctor
Recommended books and references (scientific journals, reports...)	Human Rights Book by Hamid Hanouf Human Rights, the Development of Democracy, Its Implications and Protection by Riyadh Aziz, Human Rights Encyclopedia of International Law
Electronic References, Websites	https://www.ohchr.org/ar/ohchr_homepage

Academic Program Description Form

University Name:ALMuthanna.....

Faculty/Institute:College of medicine.....

Scientific Department:Pediatrics.....

Academic or Professional Program Name:Pediatrics.....

Final Certificate Name: ...Bachelor in Medicine and general surgery.....

Academic System: ...Annual.....

Description Preparation Date: 1/9/2024

File Completion Date: 25/2/2025

Signature:

Head of Department Name:

Assiss. Prof. Bashar Adnan

Munshid

Date:

Signature:

Scientific Associate Name:

Assistant Prof. Ince Mohammed Nouri

Date:

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department:

Date: 15\3\2025

Signature:



Approval of the Dean



1. Program Vision

The vision, mission and goals of the College of Medicine are clear and evident in the corridors of the college and outside it. The vision is for the College of Medicine to be a prominent scientific teacher working to develop the health reality in the governorate by supplying health institutions with qualified graduates with a good academic level, who are able to bear responsibility and deal with... The patient is humane and highly scientific, and works to encourage teaching staff as well as final stage students to conduct solid scientific and practical research that includes the problems of the health and medical reality, in order to raise the scientific and academic level of the college to suit local and international scientific requirements.

2. Program Mission

The college's mission: The college, its deanship and its staff, since its founding, has been striving to have an integrated educational role based on the latest modern scientific methods to raise the scientific level of graduates and make them capable of proper diagnosis. It also seeks to cultivate a spirit of brotherhood and cooperation among graduates so that the future doctor will be able to work in the spirit of One team and respect for other health personnel in order to be able to provide the best and to be able to interact in the medical and social environment. The college also aspires to strengthen continuing medical education programs that include all doctors working in health institutions for the purpose of achieving the most important goal, which is improving the health situation.

3. Program Objectives

- 1– Work to increase the teaching staff to be able to keep up with the number of students and enhance the concept of small group teaching.
- 2 – Working to graduate competent doctors with high scientific and clinical skills to enable them to practice the medical profession.

- 3 – Work to nourish the spirit of scientific research among the teaching staff and encourage research that touches on the health reality in order to evaluate it and diagnose its weaknesses.
- 4 – Cultivating a spirit of cooperation between the teaching staff and students by conducting joint research under the supervision of the teaching staff.
- 5 – Working to nurture the humanitarian side of students and graduates in their dealings with the patient and the rest of the medical and health staff.
- 6 – Encouraging students and graduates to make field visits to health and social institutions to enable them to provide medical services directly.
- 7 – Focusing on the principles of raising quality and working to strengthen them among the college's cadres, both scientific and administrative, to raise the academic level of the college.
- 8 – Forming scientific committees to update study plans, curricula, and clinical training methods to keep pace with international universities.
- 9 – Intensifying health awareness programs for the purpose of raising the level of health awareness in society.
- 10 – Contributing to the development of medical education and advanced health care at the local and regional levels.
- 11– . The student must be able to take a patient's medical history and examine patients for an academic medical examination In general, with examination of various body systems
- 12– The student should be able to search scientific sources and journals and be able to conduct discussions Scientific knowledge regarding clinical cases.
- 13–Attendance – in hospital ward, especially emergency, CCU, and Intensive care units.
- 14–Training in conducting internal medicine interventions,whether in hospital or ER .

4. Program Accreditation

Waiting to obtain accreditation from the Jordanian Accreditation Council, which is affiliated with the World Federation of Medical education.

5. Other external influences

Is there a sponsor for the program?

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
College Requirements				
Department Requirements	3 stages	4 th stage:6 Unites 5 th stage:5 Unites 6 th stage:10 Unites		Basic
Summer Training		Only 6 th stage have summer training		
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
4 th stage			45	80
5 th stage			60	72
6 th stage			30 seminars	150

8. Expected learning outcomes of the program

Knowledge	
1–Apply basic knowledge in pediatrics clinical setting 2– Work collaboratively in problem–solving 3–Recognize normal and abnormal findings across different body systems .	المعرفة –Knowing and analyzing the etiology, pathophysiology. mechanisms of different illnesses and the associated changes in systems functions and structure in pediatric age group. 2– Develop skills of observation, interpretation and integration needed to analyze pediatric illnesses
Skills	
Apply basic knowledge in –1 a pediatrics clinical setting	–1Exhibit teamwork and collegiality and respect diversity.
Work collectively in –2 .problem–solving	–2View pediatrics as a service profession.
Ethics	
view and appreciate –1 pediatrics as a service 'profession	–1Develop effective test–taking skills.
–2honesty, ethical behavior, caring and compassion	–2Integrate history, physical examination and laboratory results.

9. Teaching and Learning Strategies

- 1–Interactive scientific lectures
- 2– Small learning groups
- 3– Clinical education groups
- 4– Discussion sessions

10. Evaluation methods

The fourth stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 5%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 5%

Practical final exam 10%

Final theoretical exam 60%

The fifth stage:

First semester activity: interactive lectures with daily tests

Theoretical exam for the first semester 10%

Mid-year exam 20%

Second semester activity: interactive lectures with daily tests

Theoretical exam for the second semester 10%

Practical final exam 10%

Final theoretical exam 50%

Sixth stage: clinical training in the teaching hospital

Practical clinical exam 20%

Final clinical exam 40%

Final theoretical exam 40%

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)	Number of the teaching staff	
	General	Special		Staff	Lecturer

1– Prof. Dr.						
2– Prof. Dr.						
3– Assistant Prof.						
4– Assistant Prof.						
5– Assistant Prof.						
5– Assistant Prof.						
6– Dr.						

Professional Development

Mentoring new faculty members

Instructing new faculty members in the college's scientific and administrative systems, how to skillfully deal with students, preparing the study plan, and procedures for the academic year in terms of workshops, seminars, and research.

Professional development of faculty members

Directing faculty members to the annual plan and preparing topics for the academic year in terms of workshops, seminars, research, and developing the annual plan.

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12. Acceptance Criterion

(Through the central admission through the Ministry of Higher Education

13. The most important sources of information about the program

Corresponding medical college curricula and the medical education unit

14. Program Development Plan

1. Teaching and training students of primary studies and postgraduate clinical studies in comparison with the progress recorded in the teaching process and clinical knowledge globally.
2. Preparing doctors who are able to manage the comprehensive medical care process in order to improve the patient's health status based on advanced diagnostic and therapeutic developments.
3. Improving scientific knowledge that aims to understand the disease process and then the possibility of preventing and treating it through cognitive integration between basic sciences and clinical sciences.
4. Creating a generation of graduates in medical schools who are qualified and able to complete their postgraduate studies within the perspective of modern concepts of medical care.

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
Fourth		pediatrics	Basic	X	X	X	X	X	X	X	X	X	X	X	X
Fifth		pediatrics	Basic	X	X	X	X	X	X	X	X	X	X	X	X
Sixth		pediatrics	Basic	X	X	X	X	X	X	X	X	X	X	X	X

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

Course Description Form

1. Course Name:					
Ophthalmology					
2. Course Code:					
3. Semester / Year:					
2024-2025					
4. Description Preparation Date:					
2024-9-1					
5. Available Attendance Forms:					
Daily					
6. Number of Credit Hours (Total) / Number of Units (Total)					
70h\3U					
7. Course administrator's name (mention all, if more than one name)					
Name: DR.rana dakhil nafea Email: rana-da07@mu.edu.iq					
8. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> • Teaching student ba ophthalmology regarding anat •teaching student clin • .teaching student surg <p>solutions for eye diseases....</p>			
9. Teaching and Learning Strategies					
Strategy	<p>Explanation Dialogue and discussion Use references and sources Use modern teaching methods Assigning student to research papers</p>				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

1	1	Medical professional conduct	Anatomy of the eye	theory	Theoretical exam
2	1	Medical professional conduct	Physiology of the eye	theory	Theoretical exam
3	1	Medical professional conduct	Conjunctival disease	theory	Theoretical exam
4	1	Medical professional conduct	conjunctivitis	theory	Theoretical exam
5	1	Medical professional conduct	lid anatomy	theory	Theoretical exam
6	1	Medical professional conduct	lid diseases	theory	Theoretical exam
7	1	Medical professional conduct	lacrimal system anatomy	theory	Theoretical exam
8	1	Medical professional conduct	lacrimal system diseases		Theoretical exam
9	1	Medical professional conduct	cornea anatomy	theory	Theoretical exam
10	1	Medical professional conduct	corneal diseases	theory	Theoretical exam
11	1	Medical professional conduct	keratoplasty	theory	Theoretical exam
12	1	Medical professional conduct	lens anatomy	theory	Theoretical exam
13	1	Medical professional conduct	cataract	theory	Theoretical exam
14	1	Medical professional conduct	refraction	theory	Theoretical exam
15	1	Medical professional conduct	orbital anatomy	theory	Theoretical exam
16	1	Medical professional conduct	orbital diseases		Theoretical exam
17	1	Medical professional conduct	retinal anatomy		Theoretical exam
18	1	Medical professional conduct	diabetic retinopathy		Theoretical exam
19	1	Medical professional conduct	squint		Theoretical exam
20	1	Medical professional conduct	squint		Theoretical exam
21	1	Medical professional conduct	anatomy of trabecular meshwork		Theoretical exam

22	1	Medical professional conduct	glaucoma	theory	Theoretical exam
23	1		glaucoma	theory	
24	1	Medical professional conduct	neurology	theory	Theoretical exam
25	2		slit lamp examination	practical	Clinical examination
	2	Medical professional conduct	refraction	practical	
	2	Medical professional conduct	trauma management	practical	
	2	Medical professional conduct	keratitis	practical	
26	2	Medical professional conduct	squint	practical	
	2	Medical professional conduct	operation theatre	practical	
	2	Medical professional conduct	outpatient	practical	
	2	Medical professional conduct	outpatient	practical	
	2	Medical professional conduct	neuroophthalmology	practical	

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student theory examination for 1st and 2nd term are 10 marks respectively while mid term exam is 20 mark the clinical exam is 10 marks and the final theory examination is 50 mark

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Kanski clinical ophthalmology
Main references (sources)	American academy of ophthalmology series
Recommended books and references (scientific journals, reports...)	Google scholar ,linked in
Electronic References, Websites	

Course Description Form

1. Course Name:					
Internal medicine					
2. Course Code:					
3. Semester / Year:					
5 th year 2024–2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
Campus and hospital					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30hours					
7. Course administrator's name (mention all, if more than one name)					
Name: asaad adil mnaather Email: asaadneuro@mu.edu.iq					
8. Course Objectives					
Course Objectives			<ul style="list-style-type: none"> • .learning neurological diseases • .diagnosis • .treatment 		
9. Teaching and Learning Strategies					
Strategy		Introduction to neurology Approach to diagnosis How to treat and differentiate			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
Every week	1	Neurological disease	Stroke SAH\,,MS,Peripheral neuropathy myopathy ,	lecture and clinical session	Quizzes with midterms and final exam

11. Course Evaluation					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports etc 5 marks first term 5 marks second term 20 mid-year examination 10 clinical examination 60 final theory examination					
12. Learning and Teaching Resources					
Required textbooks (curricular books, if any)			Davidson textbook		
Main references (sources)			Harrison textbook		
Recommended books and references (scientific journals, reports...)			American academy of neurology		
Electronic References, Websites					

Course Description Form

1. Course Name:					
Internal Medicine					
2. Course Code:					
3. Semester / Year:					
Fourth year 2024–2025					
4. Description Preparation Date:					
1\9\2024					
5. Available Attendance Forms:					
In campus and teaching Hospital					
6. Number of Credit Hours (Total) / Number of Units (Total)					
12/320					
7. Course administrator's name (mention all, if more than one name)					
Name: Prof. Dr. Ali Adnan Jabbar Email: dralialwahami@edu.mu.iq					
8. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> Cardinal medical manifestation... Cardiovascular diseases Gastrointestinal and liver diseases Respiratory diseases Renal diseases Endocrine diseases and Diabetes 			
9. Teaching and Learning Strategies					
Strategy		Teaching whole class as theoretical lectures Small group clinical teaching Small group seminar teaching			
10. Course Structure					
Week	Hours (Lectures and Clinical)	Required Learning Outcome s	Unit or subject name	Learning method	Evaluation method
Every week	14		Learning	Lectures Clinical	Term exam. Mid-term

			Cardiovascular diseases Gastrointestinal and liver diseases Respiratory diseases Renal diseases Endocrine diseases and Diabetes	sessions	exam. Clinical exam.
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11. Course Evaluation

5 marks first term
 5 marks second term
 20 mid-year examination
 10 clinical examination
 60 final theory examination

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Davidson's principles and practice of medicine Macleod's Clinical Examination
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	