



جامعة الكوفة
University of Alkafeel

College of Medicine

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

**Academic Program
and Course
Description Guide
Year one
College of Medicine
University of Alkafeel
2023-2024**

Academic Program Description Form



University Name: Alkafeel
Faculty/Institute: College of Medicine
Year moderator: Qusay Mohsen Kadhim
Academic or Professional Program Name: MBChB
Final Certificate Name: MBChB
Academic System: Courses
Description Preparation Date: 2023-2024
File Completion Date:

Signature:

Year moderator

Qusay Mohsen Kadhim

Date: 13-1-2024

Signature:

Scientific Associate Name:

Fatimah Kareem Albakaa

Date: 13-1-2024

The file is checked by:

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance Department: Sorror M. Hadi

Date: 15-1-2024

Signature:

Approval of the Dean

SAMER AL-HAKKAK

13-1-2024

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills, so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (Semester based/Annual), as well as the adoption of the academic program description circulated according to the letter of the Ministry of Higher Education and Scientific Research/ Department of Studies T 3/2906 on 3/5/2023

In this regard, we can only emphasize the importance of writing academic programs and course descriptions to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (annual) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: University of Alkafeel
Faculty/Institute: College of Medicine
Year moderator: Ali Najeh Ali
Academic or Professional Program Name: **Year one/** M.B.Ch.B
Final Certificate Name: M.B.Ch.B
Academic System: Courses/semesters
Description Preparation Date: 2023-2024
File Completion Date: October/2023

Signature:

Year One moderator
Ass.Prof.Dr. Ali Najeh Ali

Date:

Signature:

Assistant Dean for Scientific Affairs
Fatima Kareem Khalaf

Date:

The file is checked by:

Department of Quality Assurance and University Performance
Director of the Quality Assurance and University Performance Department:

Date:

Signature:

Approval of the Dean

1. Program Vision

World-class medical school recognized for excellence in education, research and clinical care, and to prepare the next generation of compassionate, innovative health care professional.

2. Program Mission

Following the most updated and recognized parameters and fostering the scientific research to prepare qualified graduate in medicine to comply with the community needs and modernity in the profession.

3. Program Objectives

1. Prepare graduates capable of diagnosis, treatment, and follow-up of patients.
2. Convey medical knowledge and skills through university education, continuous learning, and higher research work.
3. Fostering professional and moral values in providing health care.
4. joining the students in the process of complying and improving the knowledge through scientific research.

4. Program Accreditation

Does the program have program accreditation? No
The college currently has only two stages (1 and 2), waiting for graduation then apply for accreditation.

5. Other external influences

Is there a sponsor for the program?
Ministry of Higher Education and Scientific research- Private Education Department
Higher Education Authority- Attabah Abbasia

6. Program Structure				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	2	22		Guidance (Optional)
College Requirements	1	3		ECPD (Basic)
Department Requirements	--	--	--	
Summer Training	yes	--	--	
Other				

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

7. Program Description				
Year/Level	Course Code	Course Name	Credit Hours/week/semester	
			theoretical	practical
Year one/Semester one and two	PHC001	Physics	2	2
	PC001	Computer	1	2
	ENG001	English	1	2
	AR001	Arabic language	1	-
	PHY001	Physiology	1	-
	AN001	Anatomy	2	4
	BIO001	Biology	3	4
	CH001	Chemistry	3	4
	HR001	Human rights	1	-
	ECPD001	ECPD	1	2

8. Expected learning outcomes of the program	
Knowledge	
Human Anatomy Physiology Biology	Gain a comprehensive understanding of the structure and function of the human body at the cellular, tissue, organ, and system levels.
Chemistry	Grasp the chemical processes within living organisms and their role in health and disease.

Physics	Knowledge of the physics of the human body through knowledge of the natural structure and function of the body, the systems of the main organs, and the physical laws that control them
Skills	
Early Clinical and Professional Development (ECPD)	Develop the skills to gather a comprehensive medical history from patients and perform a thorough physical examination, early hospital and primary health care exposure ,student selected components and skill lab.
Medical Terminology	Become proficient in medical terminology to accurately document and discuss patient conditions.
Ethics	
Medical Ethics	To treat all patients according to principles of medical ethics, emphasizing patient confidentiality, informed consent, and professional integrity
Patient safety	To develop essential clinical skills with the overall aim of ensuring patients' safety.

9. Teaching and Learning Strategies
<ol style="list-style-type: none"> 1. Theory lectures 2. Laboratory sessions 3. Display and presentation. 4. Interactive learning activity (ILA) 5. Brainstorming 6. Small group teaching 7. Flipped classroom. 8. Seminar 9. Clinical visit 10. Students selected component. 11. English language lab

10. Evaluation methods

1. Homework and individual and group reports
2. Frequent quizzes, formative exams
3. Student Selective Component (SSC)
4. Single or twice summative exam per semester
5. Practical skills assessment
6. Mystery exam for clinical skill
7. Midterm exam
8. Final semester exam

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
A.P.Dr. Samer Makki Mohammed		✓			✓	
A.P.Dr. Ali Najih Ali		✓			✓	
L. Dr. Fatima Kareem Khalaf		✓			✓	
L. Dr Hayder Sahib Mahdi		✓			✓	
L. Dr Firas Fadhil Mohamed		✓			✓	
A.L. Qusay Mohsin Kadhim		✓			✓	
L. Dr. Farah Abdulhussein Kadhim		✓			✓	
A.P. Rajaa Rashid Abbas		✓				✓
A.P. Ahmed Naseer		✓				✓
L. Hayder Majid Ali		✓				✓

A.L. Zahraa M. Mashkor		✓			✓	
A.P. Ali J. Ramadhan		✓			✓	
A.L. Alia A. Hussein		✓			✓	
Prof. Ahmed Shakir		✓			✓	
A.L. Yasin Khudhair		✓			✓	
A.L. Sorrow M. Hadi		✓			✓	
A.L Huda Falah Judi		✓			✓	
A.L. Ameer kadhim		✓			✓	
L. Dr Qasim M. Obaid		✓			✓	

Professional Development

Monitoring new faculty members

New teachers are subjected to courses on teaching methods and taking a teaching competency test, and only by passing it are they allowed to teach while following up on their teaching methods and giving them feedback.

Enrolled in essential and advance in medical education courses

Professional development of faculty members

Follow up on teaching methods for all teachers by the Office of the Associate Dean, prepare seminars and workshops to develop teaching and speaking skills, and ensure the preparation and presentation of lectures in the continuing medical education curriculum.

12. Acceptance Criterion

The academic average for the student's graduation from preparatory school, physical and mental health according to the standards established and approved by the Ministry of Higher Education and Scientific Research

13. The most important sources of information about the program

1. Approved and authenticated documents for the general curriculum of the college and the courses, vision, mission, and goals of the university and college in both Arabic and English.
2. The website of the Ministry of Higher Education and Scientific Research.
3. The official website of Alkafeel University and its College of Medicine.
4. Billboards installed in the college corridors.

14. Program Development Plan

- 1) Systematic and recurring self-evaluation studies of the program based on evaluating the learning and teaching outcomes of students and obtaining feedback from students about the program's components.
- 2) Regular meetings with teaching staff in local and foreign medical colleges to learn about new curricula and teaching methods.
- 3) Holding workshops on developing curricula and teaching methods in the college or attending those held in neighboring universities.

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
Year One Semester one and two	BIO001	Biology	Basic	/	/	/		/	/	/		/	/	/	
	AN001	Anatomy	Basic	/	/	/		/	/	/		/	/	/	
	CH001	Chemistry	Basic	/	/	/		/	/	/		/	/	/	
	PHC001	Physic	Basic		/				/					/	
	PHY001	Physiology	Basic	/	/	/		/	/	/		/	/	/	
	PC001	Computer	Basic			/				/					/
	ENG001	English language	Basic				/				/				/
	AR001	Arabic Language	Basic				/				/				/
	HR001	Human Rights	Basic				/				/				/
	ECPD001	ECPD1	Basic		/	/			/	/			/	/	

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

Course Description Form

1. Course Name:	
Biology	
2. Course Code:	
BIO001	
3. Semester / Year:	
1 st + 2 nd Semester / 2023-2024	
4. Description Preparation Date:	
October 09, 2023	
5. Available Attendance Forms:	
lectures + Lab.	
6. Number of Credit Hours (Total) / Number of Units (Total)	
75 theoretical-60 Practical/ 7 Credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Firas Fadhil Al-Masoody Email: Firas.almasoody@alkafeel.edu.iq	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 1. Providing students with the scientific basics necessary to understand the human body, including its structure and functions. 2. Understand the structure and functions of cells, organs, and systems in the human body. 3. Providing students with the necessary skills to understand medical and applied research. 4. Understand how diseases and disorders occur. 5. Providing students with the opportunity to apply the theoretical knowledge acquired in lectures.
9. Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none"> • Study usually includes a combination of theoretical lectures and practical experiments in a medical biology laboratory. • The laboratory provides students with the opportunity to apply what they have learned in theoretical lectures and develop critical thinking and problem-solving skills.

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2		Introduction to biosafety	Lecture	Formative Quizzes Summative quiz, Midterm Exam, Practical exam Final course Exams
2	2		Biosafety level and biological agents	=	
3	2		Biorisk, Biohazard and management system	=	
4	2		Types of biological wastes	=	
5	2		Definitions in cell biology	=	
6	4		Medical Terminology	=	
7	2		Level of organization Body systems.	=	
8	2		Cell organelles.	=	
9	2		Stem Cells.	=	
10			Midterm	=	
11	2		Chromosomes and genes	=	
12	2		chromosomal abnormalities.	=	
13	2		Cell cycle	=	
14	2		Mitosis	=	
15	2		Meiosis	=	
16	2		Plasma membrane	=	
17	2		Exocytosis & endocytosis	=	
18	2		Cytoskeleton	=	
19	2		Cell junctions	=	
20	2		Endomembrane system	=	

21	2		Pattern of genetic inheritance	=	
22	2		Mitochondria (structure and function)	=	
23	2		The nucleus (structure and function)	=	
24	2		Nucleolus and chromatin	=	
25	2		The cytoplasm	=	
26	2		DNA replication	=	
27	2		DNA damage and Repair	=	
28	2		Body cavities and abdomino- pelvic regions	=	
29	2		Cytoplasm	=	
30	2		Cancer	=	
30	2		Cell cycle regulation	=	

11.Course Evaluation

For each semester: Evaluation semester 100%
 10 % Grades quizzes and practical exam,
 20 % Grades theoretical mid-semester,
 70% Grades final semester (Final practical 20 grades+ and Final theoretical 50 grades)

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	[1] Lippincott Illustrated Reviews: Cell and Molecular Biology. Second Edition Nalini Chandar, Susan Viselli, [2] Human biology / Sylvia S. Mader, Michael Windelspecht. Fifteenth edition. New York, NY: McGraw-Hill Education,
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	[3] Molecular Biology of the cell, Bruce Alberts,6th Edition (2017)
Main references (sources)	Same as above
Recommended books and references (scientific journals, reports...)	Additional resources are provided in each lecture separately if required
Electronic References, Websites	

Course Description Form

1. Course Name:					
Computer					
2. Course Code:					
PC001					
3. Semester / Year:					
1 st + 2 nd Semester / 2023-2024					
4. Description Preparation Date:					
October 09, 2023					
5. Available Attendance Forms:					
Lectures + Lab					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30T + 60P / 4 Credits					
7. Course administrator's name (mention all, if more than one name)					
Name: Ali J. Ramadhan			Alia A. Hussein		
Email: ali.j.r@alkafeel.edu.iq			aliaaa.hussein@alkafeel.edu.iq		
8. Course Objectives					
Course Objectives		To make the student able to use a computer and essential computer-based programs, including the writing of algorithms, using internet resources, and writing up skills of report/research.			
9. Teaching and Learning Strategies					
Strategy		Focus on practical training using the computer laboratory to simulate teaching who uses the interactive whiteboard			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-3	3	Learn about computer science	Computer System Information	Lab training	Exam
4-8	5	Getting to know the computer system			
9-15	7	Learn about the Internet	Microsoft Windows	Lab training	Skills
16-30	15	Getting to know office applications			

			Internet, Inter Explorer, email	Lab training	Practical Lab
			MS Word, Exc PowerPoint	Lab trainin	

11.Course Evaluation

For each semester: Evaluation semester 100%

10 % Grades quizzes exam,

20 % Grades theoretical mid-semester,

70% Grades final semester (Final practical 20 grades+ and Final theoretical 50 grades)

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	Mukesh Sharma, "Basic Computer Course", Abhishek Publications
Main references (sources)	Connie Morrison & Et Al., "Computer Literacy Basics", Cengage
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

1. Course Name:					
Physics					
2. Course Code:					
PHC001					
3. Semester / Year:					
1 st + 2 nd Semester / 2023-2024					
4. Description Preparation Date:					
09.10.2023					
5. Available Attendance Forms:					
Lectures and labs					
6. Number of Credit Hours (Total) / Number of Units (Total)					
60T + 60 P (6 credits)					
7. Course administrator's name (mention all, if more than one name)					
Name: Rajaa Rashid Abbas Zahraa Mohammed Mashkor					
Email: Rajaa.alsaffar@uokufa.edu.iq Zahraa.mashkor@alkafeel.edu.iq					
8. Course Objectives					
Course Objectives		1. Training the student to develop the necessary comprehensive academic framework in the subject of medical physics. 2. Practical understanding of medical physics in the field of diagnostic radiology, health and nuclear physics. 3. Develop basic knowledge and understanding of the relationships between physics theories and their applications in medicine. 4. Developing deductive ability and linking practical and theoretical physics and their applications in the medical field. 5. Preparing the student for higher level courses in the medical field.			
9. Teaching and Learning Strategies					
Strategy		Understanding the theoretical basics through the lecture using display screen and video clips, and completing the performance of practical skills by conducting experiments in the scientific laboratory.			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Forces on & in body	Static forces & Dynamic forces	Lectures	Quizes Reprots
2	2	Physics of the skeleton	Bones	=	Midterm Exams
3	2	Physics of the skeleton	Stress-strain curve	=	Final
4	2	Physics of the skeleton	Bone, joints	=	Exams

5	2	Heat and cold in medicine	Temperature scales, thermography	=
6	2	Heat and cold in medicine	Heat therapy	=
7	2	Heat and cold in medicine	Cold in medicine, cryosurgery Biological effects	=
8	2	Energy work and power of the human body	Energy changes in the body	=
9	2	Energy work and power of the human body	Heat loss methods	=
10	2	Physics of cardiovascular system	Blood pressure and its measurement	=
11	2	Physics of cardiovascular system	Laplace wall & Bernoulli's principle	=
12	2	Physics of cardiovascular system	Physics of some cardiovascular diseases	=
13	2	Pressure	absolute pressure, gauge pressure, units of pressure	=
14	2	Physics of the lungs and breathing	Function of the breathing system, The airways, Gases exchange in the lungs	=
15	2	Physics of the lungs and breathing	Measurement of lung volumes (spirometer)	=
16	2	Electricity within the body	Electrical potential of nerves, ECG & EMG	=
17	2	Electricity within the body	Applications of electricity	=
18	2	Sound in medicine	Properties of sound	=
19	2	Sound in medicine	Ultrasound, Physiology effects or ultrasound in therapy	=
20	2	physics of the ear and hearing	Structure of the ear (outer, middle and inner ear).	=
21	2	Light in medicine	Properties of light and its applications	=
22	2	Physics of eyes and vision	Focusing elements of the eye, Defective vision and its correction	=

23	2	Physics of diagnostic x-ray	Properties of x-rays	=	
24	2	Physics of diagnostic x-ray	X-ray image units,	=	
25	2	Physics of nuclear medicine	Basic instrumentation and its medical	=	
26	2	Physics of nuclear medicine	Radioactivity decay, half-life, units	=	
27	2	Physics of nuclear medicine	Therapy with radioactivity	=	
28	2	Physics of radiation therapy	Radiation doses	=	
29	2	Physics of radiation therapy	Principle of radiation therapy	=	
30	2	Pollution	Biological effects of pollution	=	

11.Course Evaluation

For each semester: Evaluation semester 100%
10 % Grades quizzes and practical exam exam,
20 % Grades theoretical mid-semester,
70% Grades final semester (Final practical 20 grades+ and Final theoretical 50 grades)

12.Learning and Teaching Resources

Required textbooks (curricular books, if any)	Medical physics / John R. Cameron and James G. Skofronick / 1978
Main references (sources)	College Physics / OpenStax College Rice University / 2013
Recommended books and references (scientific journals, reports...)	Chrestens' physics of diagnostic radiology
Electronic References, Websites	

Course Description Form

1. Course Name:	
Anatomy	
2. Course Code:	
AN001	
3. Semester / Year:	
1 st and 2 nd / 2023–2024	
4. Description Preparation Date:	
11.10.2023	
5. Available Attendance Forms:	
Lectures and Practical labs	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120 hours (60T+60P)/ 6 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Hayder Majid Ali Email: hayder.majid@jmu.edu.iq	
8. Course Objectives	
Course Objectives	<ol style="list-style-type: none"> 1) Understanding the terms used in describing different regions of the body. 2) Brief descriptions of the basic structures that compose the body. 3) Description of the structure of the bones, muscles, joints , nerves & blood vessels of the upper limb 4) Emphasize the clinical significance of upper limb structures and relations facilitating the understanding of a disease process on anatomical grounds. 5) Provide surface markings of upper limb structures on the body wall emphasizing peripheral pulses and palpable bony landmarks. 6) Direct the anatomical knowledge towards the appearance of structures when they are imaged in radiographs.
9. Teaching and Learning Strategies	
Strategy	The course involves a regional study of the upper and lower limbs and thoracic wall with an emphasis on the (skeletal, muscular, nervous & vascular structures) that is a foundation & the building block for all areas of health sciences in the future subsequent courses like medicine, surgery& radiology.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2		Introduction, Terminology Anatomical positions	Lecture	Quizzes Reports Practical exams Midterm Exams Final Exams
2	2		Skin, fasciae, bones, muscles joints, vascular system.	=	
3	2		Surface anatomy of upper limb	=	
4	2		Osteology of the upper limb	=	
5	2		Shoulder region	=	
6	2		Pectoral region	=	
7	2		Scapular region	=	
8	2		Axilla	=	
9	2		Brachial plexus	=	
10	2		The arm	=	
11	2		The forearm (flexor compartment)	=	
12	2		The forearm (extensor compartment)	=	
13	2		Joints of the upper limbs	=	
14	2		The hand (muscles & joints)	=	
15	2		The hand (blood and nerve supply)	=	
16	2		The osteology of the lower limb	=	
17	2		Front of the thigh	=	
18	2		Femoral triangle and femoral sheath	=	
19	2		Anterior compartment of the thigh	=	
20	2		The adductor compartments the thigh	=	
21	2		The gluteal region	=	
22	2		Posterior compartment of the thigh and the popliteal fossa	=	
23	2		Posterior aspect of the leg	=	
24	2		Anterior aspect of the leg	=	
25	2		Joints of the lower limb	=	
26	2		The Foot (layers of the muscles joints)	=	
27	2		The Foot (blood vessels nerves)	=	
28	2		Thoracic cage :osteology of ribs sternum & thoracic vertebrae	=	

29	2		Anatomy of the intercostal space =	
30	2		The diaphragm =	

11. Course Evaluation

For each semester: Evaluation semester 100%

10 % Grades quizzes exam,

20 % Grades theoretical mid-semester,

70% Grades final semester (Final practical 20 grades+ and Final theoretical 50 grades)

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	<ul style="list-style-type: none"> • Snell RS: Clinical anatomy for medical students. Williams and Wilkins. Philadelphia. • Moore KL and Dalley AF : Clinically oriented anatomy. Williams and Wilkins. Philadelphia. • Moffat DB : Lecture note on anatomy. Blackwell publications. Oxford. • Netter's Atlas of anatomy.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

1. Course Name:	
Clinical chemistry	
2. Course Code:	
CH001	
3. Semester / Year:	
1 st and 2 nd semester/ 2023-2024	
4. Description Preparation Date:	
October 2023	
5. Available Attendance Forms:	
Lectures and lab.	
6. Number of Credit Hours (Total) / Number of Units (Total)	
75 hours T/ 60 P (7 Units)	
7. Course administrator's name (mention all, if more than one name)	
Name: Hasanat Abdulrazzaq Ahmed Naseer Kaftan Huda Falah Judi Email: hasanata.baqir@uokufa.edu.iq ahmedn.kaftan@uokufa.edu.iq	
8. Course Objectives	
Course Objectives	Upon successful completion of this course, students will be able to: <ul style="list-style-type: none"> • Explain the basic principles of clinical chemistry and its role in healthcare. • Correlate alterations in carbohydrate, lipid, and protein metabolism with various disease states. • Interpret common clinical chemistry tests used to assess renal, liver, and electrolytes. • Identify potential clinical significance of abnormal laboratory results in different disease contexts. • Explain the role of enzymes in metabolism and discuss the consequences of enzyme deficiencies. • Apply acquired knowledge to analyze case studies and clinical scenarios involving disorders related to the focus areas.
9. Teaching and Learning Strategies	
Strategy	This course will combine lectures, discussions, case studies, and laboratory exercises to provide students with a comprehensive understanding of clinical chemistry and its significance in the diagnosis and management of human diseases..Additionally, the course will incorporate laboratory sessions,

allowing students to gain practical experience with basic biochemical techniques

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2		Organic chemistry and macromolecules	lecture	Quizzes , mid and final exam, MCQ and short answer questions
2	2		Carbohydrates	=	
3	2		Protein	=	
4	2		Lipids	=	
5	2		Vitamins 1	=	
6	2		Vitamins 2	=	
7	2		Enzymes	=	

11. Course Evaluation

Quizzes , mid and final exam, MCQ and short answer questions

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	Lippincott's Illustrated Reviews: Biochemistry Textbook of Medical Biochemistry. M.D. Chatterjee, M. N
Main references (sources)	<ul style="list-style-type: none"> Clinical Chemistry & Metabolic Medicine. Martin Crook Clinical Biochemistry (Lecture Notes), Peter Rae
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

1. Course Name:					
Arabic Language					
2. Course Code:					
AR001					
3. Semester / Year:					
1 st and 2 nd 2023-2024					
4. Description Preparation Date:					
October 2023					
5. Available Attendance Forms:					
Lectures					
6. Number of Credit Hours (Total) / Number of Units (Total)					
22 Hours (1 credit)					
7. Course administrator's name (mention all, if more than one name)					
Name: م.م ياسين خضير عبيس محسن					
Email: yassin.aljanabe@alkafeel.edu.iq					
8. Course Objectives					
Course Objectives		<ul style="list-style-type: none"> • تعريف الطالب بألفاظ اللّغة العربيّة الصحيحة وتراكيبها وأساليبها السليمة بطريقة مشوقة وجذابة. • تعويد الطالب التعبيرات السليمة الواضحة عن أفكاره وما يقع تحت حواسه نطقاً وكتابةً وحسن استخدام علامات الترقيم. • إيقاظ وعي الطالب لإدراك شرف الكلمة وتوجيهه؛ للمحافظة على طهارتها ونقائها حتى لا تستعمل إلا في الخير. • تنمية الاتجاهات والقيم الإيجابية لدى الطلاب نحو لغتهم العربية المرتبطة بالدين والتراث العربي. 			
9. Teaching and Learning Strategies					
Strategy		<p>يتم استعمال استراتيجيات متنوعة من أهمها:</p> <ul style="list-style-type: none"> - تعليم الطلاب المفردات الاصطلاحية الخاصة بهم وتكوين الأفكار عنها - التوجيه المباشر وتركز على الأسئلة المتكررة والممارسة الموجهة لمساعدة الطلاب على تعلم موضوع ما. - ما وراء المعرفة: وهي تعني بشكل أساسي قدرة الطلاب على مراقبة تعلمهم وتوجيهه. 			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
10 weeks	22 hours	من مخرجات التعلم المطلوبة: يكون لديه المعرفة: أن معرفة واسعة ومتكاملة	الضمائر، إن واخوا التوكيد، رسم الهم الفاعل، الاستثناء، أدوات الشرط	تعليم الطلاب المفردات الاصطلاحية الخاصة بهم	الامتحانات اليومية والفصلية

		عن موضوع الدراسة وبشكا منظم يستطيع أن يقوم - المعلومات فضلا عن استقصائها		وتكوين الأفكار عنها التوجيه المباشر وتركز على الأسئلة المتكررة والممارسة الموجهة لمساعدة الطلاب على تعلم موضوع ما.	
--	--	--	--	--	--

11.Course Evaluation

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

12.Learning and Teaching Resources

Required textbooks (curricular books, any)	محاضرات مختارة
Main references (sources)	النحو الوافي، الأسس النظرية للنحو العربي
Recommended books and references (scientific journals, reports...)	تقارير عامة
Electronic References, Websites	

Course Description Form

1. Course Name:

English for medical students

2. Course Code:

ENG001

3. Semester / Year:

First and Second Semesters 2023-2024

4. Description Preparation Date:

October 2023

5. Available Attendance Forms:

Lectures and practical lessons (speaking- listening)

6. Number of Credit Hours (Total) / Number of Units (Total)

1T+2P (2 Credits)

7. Course administrator's name (mention all, if more than one name)

Name: Professor Dr. Ahmed Shakir AlKilabi

Email: ahmed.alkilabi@alkafeel.edu.iq

8. Course Objectives

Course Objectives	At the end of this course students shall be proficient in the following skills: <ul style="list-style-type: none">•Reading an English text properly.•Understanding the text correctly.•Using questions and negatives Learning new words Essential doctor-patient communication skills.
--------------------------	---

9. Teaching and Learning Strategies

Strategy	This course shall provide students with the essential skills of reading, writing, listening, and speaking. Students shall be trained in the strategies of understanding the English written Medical text and the concept of comprehension through reading. The course is anticipated to help establish a link between using the English language properly and internalizing the grammatical rules. Concepts such as auxiliary verbs, tenses, modal verbs, asking short and gentle questions, and negatives shall be introduced throughout the course.
-----------------	---

10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-3	1	Know how to present a complaint properly.	Presenting complaints		Quizzes Short oral tests Written tests
4-6	1		Understanding cultures		
7-9	1		Interpreting body language		
10-11	1		Working in general practice		
12-14	1		Description of a GP's job		
	1		A case history		
	1		Instructions and procedures		
	1		Explaining and reassuring		
	1	Dealing with medications			
			Lifestyle		

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
 Daily participation and Daily oral: 5%;
 Quizzes: 5%;
 Written Midterm 20%;
 Written Final Exam 70%

12. Learning and Teaching Resources

Required textbooks (curricular books, any)	Sam McCarter Medicine I, Oxford English for Careers.
Main references (sources)	Sam McCarter Medicine II, Oxford English for Careers.
Recommended books and references (scientific journals, reports...)	Oxford Handbook of Clinical Medicine 7 th edition, Longmore et al. ISBN 978-019-856837-7
Electronic References, Websites	https://elt.oup.com/student/oefc

Course Description Form

1. Course Name:	
Physiology I	
2. Course Code:	
PHY001	
3. Semester / Year:	
Semester Two/ Year :2023-2024	
4. Description Preparation Date:	
17/03/2024	
5. Available Attendance Forms:	
Lectures and practical labs	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 Hours theory/ 2 credit	
7. Course administrator's name (mention all, if more than one name)	
Name: Samer Makki Mohamed Ali Najih Ali QUSAY MOHSIN KADHIM / Farah Abdulhussein Email: qusay.mohsin@alkafeel.edu.iq /	
8. Course Objectives	
Course Objectives	The course is designed to enable the student to: <ol style="list-style-type: none"> 1. Introduce students to electrical and magnetic effects generated inside the body, and applications of electricity and magnetism to the surface of the body. 2. Study Physics of the ear and hearing and the Generation Ultra Sound, Mechanism of ultrasound imaging, Types of ultrasound mode and applications, Doppler technique. 3. Characteristics, Measurement of light, and Application of visible light in medicine to study the Physics of Eyes and Vision. 4. Discusses the physical principles involved in the diagnostic use of X-rays in medicine and the therapeutic uses of X-rays. 5. To provide students with a solid foundation in the principles and practices of nuclear medicine, and to equip them with the knowledge and skills necessary to safely and effectively use radionuclides in a clinical setting.
9. Teaching and Learning Strategies	
Strategy	First year medical school lays the foundation for your understanding of the human body, and cell physiology is a crucial part of that. Active Learning Techniques:

- Lectures with Integration: Don't just listen passively. Look for connections between concepts, ask questions, and take detailed notes that highlight these connections.
- Discuss how cellular malfunctions contribute to diseases. This will solidify understanding and make the material more relevant.
- Group Discussions and Activities: Work with peers to explain concepts, debate ideas, and answer practice questions. This collaborative learning helps solidify understanding and identify areas needing clarification.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1		Cell Physiology	Lectures	Quizzes Lab reports Mid Exams Final exams
2	1		1. Introduction to cell physiology.		
3 +4	2		2. Physiology of cell membrane.		
5	1		3. Cell organelles (2 lectures).		
6	1		4. Transport across cell membrane.		
7	1		5. Nervous System and Homeostasis.		
8	1		6. Neurons and Neuralgia cells.		
9	1		7. Electrical signals in Neurons (Ion Channels).		
10	1		8. Resting membrane potential.		
11	1		9. Introduction to body fluid.		
12	1		10. Basic principle of osmosis.		
13	1		11. Na ⁺ balance.		
14	1		12. K ⁺ balance.		
			13. Water balance.		

15	1		14.Edema.		
	1		Blood Physiology		
	1		1. Introduction		
	1		2. Red blood cells		
	2		3. Anemia		
	1		4. Polycythemia		
	2		5. White blood cells		
	2		6. Inflammation		
	2		7. Immunity		
	1		8. Tolerance		
	1		9. Blood groups		
	2		10.Hemostasis		

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, any)	Guyton and Hall Textbook of Medical Physiology, 13th edition, 2016.
Main references (sources)	1- Ganong's Review of Medical Physiology, 25th edition, 2016. 2- Lippincott Medical Physiology, 2 Edition, 2018.
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

1. Course Name:					
Human Rights					
2. Course Code:					
HR001					
3. Semester / Year:					
1 st semester / 2023–2024					
4. Description Preparation Date:					
October 2023					
5. Available Attendance Forms:					
Lectures					
6. Number of Credit Hours (Total) / Number of Units (Total)					
15 hours/ 1 credit					
7. Course administrator's name (mention all, if more than one name)					
Name: Ahmed Ali Abboud Al Khafaji					
Email: ahmadali.alkhafajy@alkafeel.edu.iq					
8. Course Objectives					
Course Objectives		تهدف هذه المادة إلى تعريف الطالب بأوضاع حقوق الإنسان في الحضارات القديمة والأديان السماوية ، وأن يدرس كيفية معالجة الدين الإسلامي الحنيف لحقوق الإنسان الدينية والدنيوية ، وبيان أن الإسلام العظيم قد منح الفرد حقوقا كثيرة وعظيمة قبل ولادته وبعد وفاته ، وهو الأمر الذي لا نجده في بقية الحضارات القديمة والحديثة			
9. Teaching and Learning Strategies					
Strategy		أن يتعرف الطالب على حقوق الإنسان في الحضارات القديمة ، حقوق الإنسان في الدين اليهودي و الدين المسيحي ، حقوق الإنسان في الدين الإسلامي ، وثائق حقوق الإنسان القديمة ، إعلان حقوق الإنسان والمواطن الفرنسي لعام 1789 ، حقوق الإنسان في المنظمات الدولية			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			مفهوم الحق والإنسان وحقوق الإنسان		
2			الشخصية القانونية للإنسان		

3		مميزات الشخصية الطبيعية	
4		التطور التاريخي لفكرة حقوق الإنسان	
5		فكرة حقوق الإنسان في الشريعة الإسلامية	
6		الإسهام الفكري في تطور فكرة حقوق الإنسان	
7		تقدير نظريات القانون الطبيعي والعقد والاجتماعي	
8		الحقوق والحريات العامة التقليدية	
9		الحقوق والحريات الشخصية	
10		الحقوق والحريات الفكرية	
11		حق المشاركة في إدارة الشؤون العامة	
12		الحق في المساواة	
13		الحريات الاقتصادية والحقوق الاجتماعية	
14		الحريات الاقتصادية	
15		الحقوق الاجتماعية	
16		حقوق الإنسان في إعلانات الحقوق والوثائق الإقليمية	
17		إعلانات الحقوق الوطنية والعالمية	
18		حقوق الإنسان في الدساتير العراقية	
19		الحقوق والحريات العامة التقليدية	
20		الحقوق والحريات الشخصية	
21		الحقوق والحريات الفكرية	
22		الحق في المساواة	
23		الحريات الاقتصادية والحقوق الاجتماعية	
24		الحريات الاقتصادية	
25		الحقوق الاجتماعية	
26		الوسائل القانونية لحماية حقوق الإنسان	
27		الوسائل الدستورية لحماية حقوق الإنسان	
28		التشريع العادي لحماية حقوق الإنسان	
29		الوسائل القضائية لحماية حقوق الإنسان	
30		حق المشاركة في إدارة الشؤون العامة	

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)	حقوق الإنسان / د. حميد حنون خالد
Main references (sources)	(1) حقوق الإنسان / د. رياض عزيز هادي (2) الحماية الدستورية للحقوق والحريات / د. احمد فتحي سرور (3) دعائم الحكم في الشريعة الإسلامية والنظم الدستورية المعاصرة / د. إسماعيل إبراهيم بدوي
Recommended books and references (scientific journals, reports...)	<u>المراجع المساعدة:</u> (1) حقوق الإنسان بين الشريعة والقوانين الوضعية / د. علي يوسف الشكري (2) محاضرات في الديمقراطية / د. فيصل شنتاوي (3) محاضرات في الحرية والديمقراطية / د. ولاء مهدي الجبوري
Electronic References, Websites	

Course Description Form

1. Course Name:					
ECPD 1					
2. Course Code:					
ECPD001					
3. Semester / Year:					
Annual program					
4. Description Preparation Date:					
October 2023					
5. Available Attendance Forms:					
Class + Skill Lab+ Hospital visits					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 theory lectures+ 60 Practical sessions = 3 Credit Points					
7. Course administrator's name (mention all, if more than one name)					
Name: Dr Hayder Sahib Mahdi Email: h.mayali@alkafeel.edu.iq					
8. Course Objectives					
Course Objectives	Early start, creates, develops, and improve the skills of medical college students from a clinical standpoint, as well as from a professional and personal standpoint, so that they become highly competent and able to perform the practical tasks they will face when they begin their work after graduating from college in the service of their patients and their communities.				
9. Teaching and Learning Strategies					
Strategy	1) Theory lectures as LGT to cover the knowledge of the clinical aspects of medical management (diagnosis) and professionalism and medical ethics. 2) Training at the clinical skills lab. 3) Field visits to the hospitals and PHC clinics.				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			General Introduction (I'm a Doctor)	LGT	Quizzes
2				SGT	Mid-year Exams
3			Structure of Health Service in Iraq	ILA	OSCE exams
4				sessions	Final Exams
5			ECPD Introduction		
6					

7			Basic Anatomy for the vital Signs		
8			Basic Physiology for the vital signs		
9			Vital Signs: Basic concepts of assessment.		
10			Basic Principles of History Taking.		
11			Medical Ethics		
12			Basic Principles of Clinical Examination		
13			Student Selected Component (SSC).		
14			Communication Skills		
15			Basic Life Support (BLS)		
16			Common Emergencies		
17			Professionalism		
18			PHC Visit Guide		
19			Hospital Visit Guide		
20			Medical Recording		
21			Confidentiality		
22			Teamwork Concept		
23			OSCE Guide		
24			Practical Sessions		
25			History taking		
26			Vital signs		
27					
28					
29					
30					

11. Course Evaluation

The final exam (70 marks) / Mid-year exam (15 marks) / Practical sessions (OSCE) – 15 marks

12. Learning and Teaching Resources

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



جامعة الكوفة
University of Alkafeel

College of Medicine

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

**Academic Program
and Course
Description Guide
Year Two
College of Medicine
University of Alkafeel
2023-2024**

Introduction:

The educational program is a well-planned set of courses that include procedures and experiences arranged in the form of an academic syllabus. Its main goal is to improve and build graduates' skills, so they are ready for the job market. The program is reviewed and evaluated every year through internal or external audit procedures and programs like the External Examiner Program.

The academic program description is a short summary of the main features of the program and its courses. It shows what skills students are working to develop based on the program's goals. This description is very important because it is the main part of getting the program accredited, and it is written by the teaching staff together under the supervision of scientific committees in the scientific departments.

This guide, in its second version, includes a description of the academic program after updating the subjects and paragraphs of the previous guide in light of the updates and developments of the educational system in Iraq, which included the description of the academic program in its traditional form (annual, semester), as well as the adoption of the academic program description circulated according to the letter of the Ministry of Higher Education and Scientific Research/ Department of Studies T 3/2906 on 3/5/2023.

In this regard, we can only emphasize the importance of writing an academic programs and course description to ensure the proper functioning of the educational process.

Concepts and terminology:

Academic Program Description: The academic program description provides a brief summary of its vision, mission and objectives, including an accurate description of the targeted learning outcomes according to specific learning strategies.

Course Description: Provides a brief summary of the most important characteristics of the course and the learning outcomes expected of the students to achieve, proving whether they have made the most of the available learning opportunities. It is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be sophisticated, inspiring, stimulating, realistic and applicable.

Program Mission: Briefly outlines the objectives and activities necessary to achieve them and defines the program's development paths and directions.

Program Objectives: They are statements that describe what the academic program intends to achieve within a specific period of time and are measurable and observable.

Curriculum Structure: All courses / subjects included in the academic program according to the approved learning system (quarterly, annual, Bologna Process) whether it is a requirement (ministry, university, college and scientific department) with the number of credit hours.

Learning Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and must determine the learning outcomes of each course in a way that achieves the objectives of the program.

Teaching and learning strategies: They are the strategies used by the faculty members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extra-curricular activities to achieve the learning outcomes of the program.

Academic Program Description Form

University Name: University of Alkafeel
Faculty/Institute: College of Medicine
Year moderator: Fatima Kareem Khalaf
Academic or Professional Program Name: **Year Two/** M.B.Ch.B
Final Certificate Name: MBChB
Academic System: Courses/semesters
Description Preparation Date: 2023-2024
File Completion Date: October 2023

Signature:
Year moderator
Ali Najeh Ali
Date:

Signature:
Scientific Associate
Fatima Kareem Khalaf
Date:

The file is checked by:
Department of Quality Assurance and University Performance
Director of the Quality Assurance and University Performance Department:

Date:
Signature:

Approval of the Dean

1. Program Vision

World-class medical school recognized for excellence in education, research and clinical care, and to prepare the next generation of compassionate, innovative health care professional.

2. Program Mission

Following the most updated and recognized parameters and fostering the scientific research to prepare qualified graduate in medicine to comply with the community needs and modernity in the profession.

3. Program Objectives

1. Prepare graduates capable of diagnosis, treatment, and follow-up of patients.
2. Convey medical knowledge and skills through university education, continuous learning, and higher research work.
3. Fostering professional and moral values in providing health care.
4. joining the students in the process of complying and improving the knowledge through scientific research.

4. Program Accreditation

Does the program have program accreditation? No

5. Other external influences

Is there a sponsor for the program?

Ministry of Higher Education– Private Education Department

Higher Education Authority– Attabah Abbasia

6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	2	21		Guidance (optional)
College Requirements	1			ECPD (Basic)
Department Requirements	--	--	--	
Summer Training	Yes	--	--	
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
Year Two/ 2 semesters	PHY002	Physiology	4	2
	AN002	Anatomy	3	4
	CH002	Chemistry	2	2
	EMB002	Embryology	2	--
	HIS002	Histology	2	2
	ECPD002	ECPD	1	4
	EG002	Educational Guidance	1	--
	DEM002	Democracy	1	--
	CB002	Crimes of Baath Party	1	--

8. Expected learning outcomes of the program	
Knowledge	
Physiology	Gain a comprehensive understanding of the structure and function of the human body at the cellular, tissue, organ, and system levels.
Chemistry	Explain the basic principles of clinical chemistry and its role in healthcare. Correlate alterations in carbohydrate, lipid, and protein metabolism with various disease states. Interpret common clinical chemistry tests used to assess renal, liver, and electrolytes.

Embryology	Understanding the stages of human fetal development from the moment of fertilization to birth.
Anatomy	Understand the anatomical structure of skull, head and neck, cervical organs and the nervous system,
Histology	Understand the structure of the organ systems in human body, and the major histological features of different body organs
Skills	
Early Clinical and Professional Development (ECPD)	Develop the skills to gather a comprehensive medical history from patients and perform a thorough physical examination.
Medical Terminology	Become proficient in medical terminology to accurately document and discuss patient conditions.
Ethics	
Medical Ethics	To treat all patients according to principles of medical ethics, emphasizing patient confidentiality, informed consent, and professional integrity
Patient safety	To develop essential clinical skills with the overall aim of ensuring patients' safety.
9. Teaching and Learning Strategies	
<ol style="list-style-type: none"> 1. Theory lectures 2. Laboratory sessions 3. Display and presentation. 4. Interactive discussion 5. Brainstorming 	

6. Small group teaching
7. Flipped classroom.
8. Seminar
9. Clinical visit
10. Student selected components (SSC)
11. Interactive learning activities (ILA)

10. Evaluation methods

1. Homework and individual and group reports
2. Formative and summative quizzes
3. Practical lab assessment
4. Clinical skill assessment
5. Student selected component
6. Midterm and end of term exams

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
A.P. Samer Makki Mohammed		✓			✓	
A.P. Hilal Alsaffar		✓			✓	
A.P. Ali Najih Ali		✓			✓	

T. Dr. Fatima Kareem Khalaf		✓			✓	
T. Dr Hayder Sahib Mahdi		✓			✓	
T. Dr Firas Fadhil Mohamed		✓			✓	
P. Abdulkareem Abdalla		✓			✓	
A.T. Qusay Mohsin Kadhim		✓			✓	
Dr. Farah Abdulhussein Kadhim		✓			✓	
A.P. Ahmed Naseer Kaftan		✓				✓
A.P. Rasha Hatem Saeed Dosh		✓				✓
A.P. Hasanat Abdulrazzaq		✓				✓
A.T. Soror Mohammed Hadi		✓			✓	
A.T. Huda Falah Judi		✓			✓	
A.T. Ameer kadhim		✓			✓	
Dr. Qasim M. Obaid		✓			✓	
A.T. Zahraa M. Mashkor		✓			✓	
A.P. Ali J. Ramadhan		✓				
A.T. Alia A. Hussein		✓				
Prof. Ahmed Shakir		✓				
A.T. Yasin Khudhair		✓				
Prof. Ihsam Mohamed Ajeena		✓				✓
A.P. Falah Mahdi Dananah		✓				✓
A.P. Habeeb Shubaib Ahmed		✓				✓

Professional Development

Mentoring new faculty members

Subjecting new teachers to courses on teaching methods and taking a teaching competency test, and only by passing it are they allowed to teach, while following up on their teaching methods and giving them feedback.

Professional development of faculty members

Follow up on teaching methods for all teachers by the Office of the Associate Dean, prepare seminars and workshops to develop teaching and speaking skills,

and ensure the preparation and presentation of lectures in the continuing medical education curriculum.

12. Acceptance Criterion

The academic average for the student's graduation from preparatory school, physical and mental health according to the standards established and approved by the Ministry of Higher Education and Scientific Research

13. The most important sources of information about the program

1. Approved and authenticated documents for the general curriculum of the college and the courses, vision, mission, and goals of the university and college in both Arabic and English.
2. The website of the Ministry of Higher Education and Scientific Research.
3. The official website of Al-Kafeel University and its Faculty of Medicine.
4. Billboards installed in the college corridors.

14. Program Development Plan

Systematic and recurring self-evaluation studies of the program based on evaluating the learning and teaching outcomes of students and obtaining feedback from students about the program's components.

- 2) Regular meetings with teaching staff in local and foreign medical colleges to learn about new curricula and teaching methods.
- 3) Holding workshops on developing curricula and teaching methods in the college or attending those held in neighboring universities.

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
Year Two	EMB002	Embryology	Basic	/	/	/		/	/	/		/	/	/	
	AN002	Anatomy	Basic	/	/	/		/	/	/		/	/	/	
	CH002	Chemistry	Basic	/	/	/		/	/	/		/	/	/	
	HIS002	Histology	Basic	/	/	/		/	/	/		/	/	/	
	PHY002	Physiology	Basic	/	/	/		/	/	/		/	/	/	
	DEM002	Democracy	Optional			/				/					/
	CB002	Crimes of Baath	Optional				/				/				/
	ECPD002	ECPD	basic				/				/				/

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

Course Description Form

1. Course Name:	
Clinical chemistry	
2. Course Code:	
CH002	
3. Semester / Year:	
First and Second semester/ 2023–2024	
4. Description Preparation Date:	
October 2023	
5. Available Attendance Forms:	
Lectures and practical labs	
6. Number of Credit Hours (Total) / Number of Units (Total)	
75T+ 60 P (7 Credits)	
7. Course administrator's name (mention all, if more than one name)	
Name: Hasanat Abdulrazzaq Ahmed Naseer Kaftan Huda Falah Judi Email: hasanata.baqir@uokufa.edu.iq ahmedn.kaftan@uokufa.edu.iq huda.f.joodi@alkafeel.edu.iq	
8. Course Objectives	
Course Objectives	<p>Upon successful completion of this course, students will be able to:</p> <ul style="list-style-type: none"> • Explain the basic principles of clinical chemistry and its role in healthcare. • Correlate alterations in carbohydrate, lipid, and protein metabolism with various disease states. • Interpret common clinical chemistry tests used to assess renal, liver, and electrolytes. • Identify potential clinical significance of abnormal laboratory results in different disease contexts. • Explain the role of enzymes in metabolism and discuss the consequences of enzyme deficiencies. • Apply acquired knowledge to analyze case studies and clinical scenarios involving disorders related to the focus areas.
9. Teaching and Learning Strategies	
Strategy	<p>This course will combine lectures, discussions, case studies, and laboratory exercises to provide students with a comprehensive understanding of clinical chemistry and its significance in the diagnosis and management of human diseases..Additionally, the course will</p>

incorporate laboratory sessions, allowing students to gain practical experience with basic biochemical techniques

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			Carbohydrate disorder : hyperglycemia, diabetes mellitus and hypoglycemia	Lectures	Quizzes Reports Practical exams Midterm Exams Final Exams
2			Serum lipids, normal metabolism and disorders	=	
3			Serum lipids, normal metabolism and disorders	=	
4			Renal functions, normal metabolism and disorders	=	
5			Liver functions normal, disorders and drug detoxifications	=	
6			Water and electrolyte metabolism, normal and disorders	=	
7			Calcium and phosphate normal metabolism and disorders	=	
8			Clinical enzymology : use of enzymes in clinical diagnosis, isoenzymes , their clinical significance	=	
9			Clinical enzymology : use of enzymes in clinical diagnosis, isoenzymes , their clinical significance	=	
10			Porphyria metabolism and disorders, hemoglobinopathies , disorders of iron metabolism and significance of related laboratory tests	=	
11			Tumer markers	=	

11. Course Evaluation

For each semester: Evaluation semester 100%

10 % Grades quizzes and practical exams,

20 % Grades theoretical mid-semester,

70% Grades final semester (Final practical 20 grades+ and Final theoretical 50 grades)

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	<ul style="list-style-type: none"> • Clinical Chemistry & Metabolic Medicine. Martin Crook • Clinical Biochemistry (Lecture Notes), Peter Rae
Main references (sources)	<ul style="list-style-type: none"> • Clinical Chemistry & Metabolic Medicine. Martin Crook • Clinical Biochemistry (Lecture Notes), Peter Rae
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

Course Description Form

1. Course Name:					
Anatomy					
2. Course Code:					
AN002					
3. Semester / Year:					
First and Second semester/ 2023–2024					
4. Description Preparation Date:					
October 2023					
5. Available Attendance Forms:					
Lectures and practical labs					
6. Number of Credit Hours (Total) / Number of Units (Total)					
90 T + 120 P (10 Credits)					
7. Course administrator's name (mention all, if more than one name)					
Name: Dr. Munqith Mazin Almahmood					
Email: Munqithm.almahmood@uokufa.edu.iq					
8. Course Objectives					
Course Objectives	<ul style="list-style-type: none"> • Illustrate the anatomical structure of skull, regions of the head and neck, and cervical organs. • Demonstrate the anatomical components of the nervous system, and define the intricate structure and function of each part. 				
9. Teaching and Learning Strategies					
Strategy					
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			Skull anatomy	Lecture	Quizes Reports Practical exams Midterm Exams Final Exams
2			Face and scalp	=	
3			Temporal region	=	
4			Infratemporal Fossa and TMJ	=	
5			Orbit and eye	=	
6			Nose and paranasal sinuse	=	

7			Oral Cavity and Salivary Glands	=
8			Ear anatomy	=
9			Fascial Compartments of Neck	=
10			Triangles and Muscles of Neck	=
11			Thyroid Gland, Trachea and Pharynx	=
12			Larynx and Innervation of Neck	=
13			Blood Vessels and Lymphatics of the Neck	=
14			Root of the neck	=
15			Cranial Cavity and Gross Anatomy of Nervous system	=
16			Meninges and Dural Venous Sinuses	=
17			Cerebral Cortex and Functional Localization	=
18			Cerebral medullary centers (white matter)	=
19			Brain Ventricles and CSF	=
20			Diencephalon	=
21			Brain stem	=
22			cerebellum	=
23			Limbic System and Reticular Formation	=
24			Spinal cord	=
25			Sensory and motor pathways	=
26			Cross Sectional Anatomy and Blood Supply of the Brain	=

11. Course Evaluation

For each semester: Evaluation semester 100%
 10 % Grades quizzes and practical exams,
 20 % Grades theoretical mid-semester,
 70% Grades final semester (Final practical 20 grades+ and Final theoretical 50 grades)

12. Learning and Teaching Resources

Required textbooks (curricular book any)	<ol style="list-style-type: none"> 1. Clinical Anatomy by Regions (Snell) 2. Clinically Oriented Anatomy (Moore) 3. Gray's Anatomy for Students
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Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	<p>[1] TeachMeAnatomy - Making Anatomy Simple</p> <p>[2] Home Anatomy.app Learn anatomy 3D models, articles, and quizzes</p> <p>[3] Human Anatomy Explorer Detailed 3D anatomical illustrations (innerbody.com)</p>

Course Description Form

1. Course Name:	
Histology	
2. Course Code:	
HIS002	
3. Semester / Year:	
First and Second semester/ 2023–2024	
4. Description Preparation Date:	
October 2023	
5. Available Attendance Forms:	
Lectures and practical labs	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120 hours (60T, 60P)/ 6 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Rasha Hatem Saeed Dosh Email: Rasha.dosh@uokufa.edu.iq	
8. Course Objectives	
Course Objectives	<p>The course is designed to enable the student to:</p> <ol style="list-style-type: none"> 1. Identify the structure of the organ systems in human body 2. Define major histological features of different body organs. 3. Identify regional variations in histological structures in different organ systems. 4. Relate histology to selected pathological conditions of different body organs. 5. Identify tissue section in histological slides stained by common and specific stains
9. Teaching and Learning Strategies	
Strategy	The student acquires knowledge and skills in the subject of human histology so that he/she is able to recognize the microstructure of the normal primary tissues and body organs.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			Introduction to Histology.	Lectures Laboratory	Quizzes Reports Practical exams Midterm Exams Final Exams
2			Specializations of the cell surface. Epithelial tissue and Glandular epithelia.	=	
3			Connective tissue: ground substance, fibers and cells of connective tissue.	=	
4			Cartilage; hyaline, elastic & fibrocartilage.	=	
5			Muscle tissue	=	
6			Nervous system	=	
7			Respiratory system	=	
8			Midterm examination	=	
9			Midterm examination	=	
10			Cardiovascular system.	=	
11			Hematopoiesis and blood.	=	
12			Lymphatic system	=	
13			Lymphatic system	=	
14			Final examination	=	
15			Final examination	=	
16			Urinary system	=	
17			Integumentary system:	=	
18			Endocrine system I	=	
19			Endocrine system II	=	
20			Introduction to GIT.	=	
21			Histology of liver lobules and triad, pancreas and gall bladder.	=	
22			Midterm examination	=	
23			Midterm examination	=	
24			Male reproductive system	=	

25			Female reproductive system	=	
26			Organ of special senses eye	=	
27			Organ of special senses ear	=	
28			Overview	=	
29			Final examination	=	
30			Final examination	=	

11. Course Evaluation

For each semester: Evaluation semester 100%

10 % Grades quizzes and practical exams,

20 % Grades theoretical mid-semester,

70% Grades final semester (Final practical 20 grades+ and Final theoretical 50 grades)

12. Learning and Teaching Resources

Required textbooks (curriculum books, if any)

- [1] Histology: A Text and Atlas: With Correlated Cell and Molecular Biology, 8th edition, by Wojciech Pawlina, Michael H. Ross.
- [2] Junqueira's Basic Histology: Text and Atlas, 16th Edition, by Anthony L. Mescher.
- [3] Netter's Essential Histology: With Correlated Histopathology (Netter Basic Science) 3rd Edition, by William K. Ovalle , Patrick C. Nahirney.

Main references (sources)

Recommended books and references (scientific journals, reports...)

Electronic References, Website

- [1] Lippincott's Illustrated Reviews: Cell and Molecular Biology, 2nd edition, by Nalini Chandar and Susan Viselli.
- [2] Stevens & Lowe's Human Histology 5th Edition, by James S. Lowe, Peter G. Anderson.
- [3] Leeson TS, Leeson CR & Paparo AA (1988): Text/Atlas of Histology. WB Saunders. USA.

Course Description Form

1. Course Name:	
Embryology	
2. Course Code:	
EMB002	
3. Semester / Year:	
One semester / 2023–2024	
4. Description Preparation Date:	
October 2023	
5. Available Attendance Forms:	
Lectures and practical labs	
6. Number of Credit Hours (Total) / Number of Units (Total)	
30 hours / 2 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Firas F M Al-Masoody Email: Firas.almasoody@alkafeel.edu.iq	
8. Course Objectives	
Course Objectives	The objectives of teaching embryology are as follows: <ul style="list-style-type: none"> • Understanding the stages of human fetal development from the moment of fertilization to birth. • Understand how the body's organs are formed, including internal and external organs. • Understanding how congenital malformations occur, their causes, and how to diagnose and treat them. • Linking embryology to clinical medicine, and its applications in diagnosis and treatment
9. Teaching and Learning Strategies	
Strategy	Embryology is an important subject for medical students, because it provides them with the basic knowledge they need to understand how the human body grows and develops, and how diseases and disorders occur.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			Introduction to Medical Embryology.	Lecture	Quizes Midterm Exams Final Exams
2			Gametogenesis- Oogenesis and Spermatogenesis.	=	
3			First Week of Development.	=	
4			Ovulation to Implantation.	=	
5			Second Week of Development- Bilaminar Germ Disc.	=	
6			Third Week of Development- Trilaminar Germ Disc.	=	
7			Third -Eighth Week of Development	=	
8			The Embryonic Period.	=	
9			9 th week to Birth-The Fetal Period.	=	
10			Development of the Gut Tube and Body Cavities.	=	
11			Development of the Placenta and Fetal membranes.	=	
12			Development of the Respiratory System- Formation of Lung Buds.	=	
13			Development of the Cardiovascular System-Part I	=	
14			Development of the Cardiovascular System-Part II	=	
15			Development of the Digestive System- Part I	=	
16			Development of the Digestive System- Part I	=	
17			Development of the Urinary System	=	
18			Development of the Genital System	=	

19			Clinical Aspects of Urogenital System.	=	
20			Development of the Head and Neck.	=	
21			Derivatives of the Pharyngeal Arches, Pouches, and Clefts	=	
22			Development of the Skeletal System.	=	
23			Birth Defects	=	
24			Prenatal Diagnosis	=	
25			Development of the Integumentary System.	=	
26			Development of the Ear.	=	
27			Development of the Eye.	=	
28			Development of the Nervous System.	=	
29			Development of the Brain (Hindbrain, Midbrain, and Forebrain).	=	
30			Development of the Spinal Cord and Peripheral nervous system.	=	

11. Course Evaluation

For each semester: Evaluation semester 100%
 10 % Grades quizzes exam,
 20 % Grades theoretical mid-semester,
 70% Grades final semester (theory exam)

12. Learning and Teaching Resources

Required textbooks (curriculum books, if any)	<ol style="list-style-type: none"> 1. Langman's Medical Embryology_T W Sadler & Jan Langman-13th edition. 2. Larsen's Human Embryology 6th Edition. 3. BEFORE WE ARE BORN. ESSENTIALS OF EMBRYOLOGY AND BIRTH DEFECTS- 9th edition.
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Website	<ul style="list-style-type: none"> • Additional resources are provided in each lecture separately if required.

Course Description Form

1. Course Name:	
Physiology	
2. Course Code:	
PHY002	
3. Semester / Year:	
First and Second semester/ 2023–2024	
4. Description Preparation Date:	
October 2023	
5. Available Attendance Forms:	
Lectures and practical labs	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120 hours (120T, 60P) / 10 credits	
7. Course administrator's name (mention all, if more than one name)	
Dr. Ali Najih Alawadi Dr. Firas Al-Masoody Dr. Ihsan Ajeenah Dr. Falah Dananh Dr. Hilal Alsaffar Dr. Falah Delli Dr. Fatima Albakaa	
8. Course Objectives	
Course Objectives	<ul style="list-style-type: none">• Equipping students with foundational knowledge of physiological principles, essential for comprehending the complex mechanisms governing bodily functions and homeostasis.• Fostering an in-depth understanding of cellular, organ, and systemic physiology, enabling students to grasp the intricate interplay between various physiological systems and their roles in maintaining health.• Developing students' analytical and critical thinking skills, thereby enabling them to interpret and evaluate medical research findings and apply evidence-based approaches in clinical practice.

- Enhancing students' comprehension of the etiology and pathophysiology of diseases and disorders, facilitating accurate diagnosis and effective treatment strategies.
- Providing opportunities for students to integrate theoretical knowledge with clinical scenarios, through case studies, simulations, and practical exercises, thereby bridging the gap between theory and real-world medical practice.

9. Teaching and Learning Strategies

Strategy Through a blend of theoretical instruction and hands-on laboratory sessions, students delve into the complexities of physiological processes.

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1-4			Physiological functions of the lungs, Process of respiration: mechanics of breathing. Lung volumes and capacities. Compliance of the lung, role of surfactant. Pulmonary and alveolar ventilation. Transport of O ₂ by the blood. Transport of CO ₂ by the blood. Role of the respiratory system in acid- base regulation. Regulation of breathing: voluntary and involuntary control. Regulation of breathing: ventilatory responses to CO ₂ rise and O ₂ lack.	Lecture	Quizzes Midterm Exams Final Exams

5-9			<p>Functional design of cardiovascular structure of the heart and blood vessels.</p> <p>Properties of cardiac muscle- autorhythmicity and conductivity.</p> <p>Properties of cardiac muscle- contractility & refractory characteristics.</p> <p>Electrophysiology of the heart (ECG).</p> <p>Mechanical events in cardiac cycle.</p> <p>Heart sounds and murmurs.</p> <p>Cardiac output.</p> <p>Work and efficiency of the heart.</p> <p>Vascular system-condition of flow & pressure.</p> <p>0. Blood pressure and its regulation</p> <p>1. Circulatory regulation, general nervous & local peripheral mechanisms.</p> <p>2. Circulation through special regions; coronary, skeletal muscle.cerebraland skin circulation.</p> <p>3. Cardiovascular hemostasis, cardiac insufficiency, shock, and postural changes.</p> <p>4. Starling forces across capillary beds.</p> <p>Venous pressure and flow</p>	=	
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10-12			<p>Renal circulation and glomerular filtration.</p> <p>Tubular reabsorption.</p> <p>Tubular secretion.</p> <p>Water excretion by the kidneys.</p> <p>Role of the kidney in electrolytes balance.</p> <p>Renal mechanisms of acidification of urine and its significance in the regulation of pH.</p> <p>Regulation of body fluid volume.</p> <p>Renal disease and diuresis.</p> <p>Renal function test.</p>	=	
13-15			<ol style="list-style-type: none"> 1. Discuss the major fluid compartments of the body and their relative volumes 2. Describe the ionic composition of extracellular and intracellular fluid, their amount and distribution especially, sodium, potassium and calcium and the mechanism that control their distribution. 3. Fluid compartment 4. Water and electrolyte balance. 5. Edema 	=	
16-18			<p>Gastrointestinal anatomy and general principles of its physiology.</p> <p>Saliva and swallowing</p> <p>Stomach motility and secretion.</p>	=	

			<p>Small intestine motility</p> <p>Small intestine secretion.</p> <p>Large intestine motility and secretion.</p> <p>Pancreas.</p> <p>Liver.</p>		
19-21			<p>Generation of membrane potential of nerve cell.</p> <p>Excitation and conduction.</p> <p>Nerve action potential.</p> <p>Electrogenesis of the action potential.</p> <p>Orthodromic and antidromic conduction - properties of mixed nerves.</p> <p>Skeletal muscles</p> <p>The contractile response - muscle twitch.</p> <p>Properties of skeletal muscles in the intact organism - motor units.</p> <p>Energy source and metabolism.</p> <p>0. Strength-duration curve - cardiac muscle.</p> <p>1. The smooth muscles.</p> <p>2. The neuromuscular junction.</p> <p>3. Autonomic nervous system, anatomical consideration - sympathetic and parasympathetic nervous systems.</p> <p>4. Types of autonomic innervation and reflex arc.</p>	=	

			<p>5. Higher autonomic centers and neurotransmitters in autonomic nervous systems.</p> <p>6. Physiology of micturition.</p>	
22-25			<p>General sensation.</p> <p>Tactile vibration and position senses.</p> <p>Pain sensation.</p> <p>Spinal cord pathway and reflexes.</p> <p>Spinal cord transaction.</p> <p>Thalamus central representation of sensation</p> <p>Reticular activating system.</p> <p>Sleep and electroencephalography.</p> <p>Motor cortex and motor pathway.</p> <p>0. Basal ganglia.</p> <p>1. Cerebellum.</p> <p>2. Language learning and memory.</p> <p>3. Cerebrospinal fluid.</p> <p>Limbic system.</p>	=
26-28			<p>Hypothalamic hormones.</p> <p>Posterior pituitary gland hormones.</p> <p>Anterior Pituitary gland hormones.</p> <p>Growth hormone.</p> <p>Thyroid gland hormones.</p> <p>Hypo and hyperthyroidism.</p> <p>Ca²⁺ metabolism, vitamin D.</p>	=

			<p>Ca²⁺ metabolism, Parathyroid hormone.</p> <p>Pancreatic hormones (insulin) & (Glucagon)</p> <p>0. Diabetes Mellitus.</p> <p>1. Metabolic syndrome.</p> <p>2. Hypoglycemia.</p> <p>3. Adrenal gland: Anatomy and physiology.</p> <p>4. Mineralocorticoids and glucocorticoids.</p> <p>5. Catecholamines.</p> <p>6. Male reproductive system</p> <p>7. Female reproductive system</p> <p>8. Physiology of pregnancy</p>		
29-30			<p>Visual sensation.</p> <p>Hearing sensation.</p> <p>Vestibular Function.</p> <p>Taste.</p> <p>Smell.</p>	=	

11. Course Evaluation

For each semester: Evaluation semester 100%
 10 % Grades quizzes and practical exams,
 20 % Grades theoretical mid-semester,
 70% Grades final semester (Final practical 20 grades+ and Final theoretical 50 grades)

12. Learning and Teaching Resources

Required textbooks (curriculum books, if any)	<ol style="list-style-type: none"> 1. Guyton & Hall Text book of Medical Physiology, 14th edition, 2021. 2. Ganong's Review of Medical Physiology, 26th edition 2021
Main references (sources)	

Recommended books and references (scientific journals, reports...)	
Electronic References, Website	Additional resources are provided in each lecture separately if required.

Course Description Form

1. Course Name:					
ECPD 2					
2. Course Code:					
ECPD002					
3. Semester / Year:					
Annual program					
4. Description Preparation Date:					
2023-2024					
5. Available Attendance Forms:					
Class + Skill Lab+ Hospital visits					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 theory lectures+ 60 Practical sessions = 3 Credit Points					
7. Course administrator's name (mention all, if more than one name)					
Name: Dr Hayder Sahib Mahdi Email: h.mayali@alkafeel.edu.iq					
8. Course Objectives					
Course Objectives	Early start, creates, develops, and improve the skills of medical college students from a clinical standpoint, as well as from a professional and personal standpoint, so that they become highly competent and able to perform the practical tasks they will face when they begin their work after graduating from college in the service of their patients and their communities.				
9. Teaching and Learning Strategies					
Strategy	1) Theory lectures as LGT to cover the knowledge of the clinical aspects of medical management (diagnosis) and professionalism and medical ethics. 2) Training at the clinical skills lab. 3) Field visits to the hospitals and PHC clinics.				
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			ECPD Introduction & Plans	LGT	Quizzes
2			Basic Principles of History Taking	SGT ILA session	Mid-year Exams OSCE exams Final Exams

3			Basic Principles of General Examination		
4			Vital Signs Assessment		
5			Communication Skills		
6			Professionalism in the Medical Context (Medical Leadership)		
7			Professionalism in the Medical Context (Time Management)		
8			Medical Recording and Confidentiality		
9			Basic Life Support (BLS) (Overview).		
10			Basic Principles of Investigations		
11			Inter-professional Collaboration in Healthcare		
12			Common Emergencies		
13			Evidence-Based Medicine (Basic Concept)		
14			Epidemiology and Public Health		
15			(Infection Control and Prevention)		
16			OSCE Preparation		
17			Medical Negligence and Malpractice		
18			Human Rights and Medical Practice		
19			Role of AI in Modern Medical Practice		
20			Concept Map (Role in Medical Teaching)		
21			Principles of Community Follow up		
22			Principles of Reflection and Feedback in the Medical Practice		
23					
24					
25					

26			Medical Career Management		
27					
28			Basic Considerations in Prescribing Medications.		
29			<i>Practical Sessions</i>		
30			History taking		
			General examination		
			Vital signs		
			Investigations (Glucometer/swabs)		
			Basic procedures.		

11. Course Evaluation

Mid-year exam (20 marks) / Practical sessions (OSCE) – 10 marks

The final exam (70 marks)/ 50 marks theoretical and 20 marks clinical assessment

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
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Main references (sources)	
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Recommended books and references (scientific journals, reports...)	
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Electronic References, Websites	
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Course Description Form

1. Course Name:					
Crimes of Baath Party					
2. Course Code:					
CB002					
3. Semester / Year:					
1 st and 2 nd / 2023-2024					
4. Description Preparation Date:					
October 2023					
5. Available Attendance Forms:					
Lectures					
6. Number of Credit Hours (Total) / Number of Units (Total)					
30 Hours/ 2 credits					
7. Course administrator's name (mention all, if more than one name)					
Name: Haider Jasim Muhammad Hussein Hanoon					
Email: haider.hanoon@alkafeel.edu.iq					
8. Course Objectives					
Course Objectives		تهدف هذه المادة إلى تعليم الطالب أهم انتهاكات النظام البعثي للحقوق والحريات العامة، بالإضافة إلى تعريف الطالب سلوكيات النظام البعثي في المجتمع وتسلطه على الدولة، كما أنها تهدف إلى إمام الطالب بأهم آثار القمع والحروب التي حصلت في ظل النظام البعثي على البيئة والسكان			
9. Teaching and Learning Strategies					
Strategy		تهتم هذه المادة بدراسة حقبة مرت على الدولة العراقية عُرف عنها انتهاكها لحقوق الإنسان وارتكابها لجرائم ضد الإنسانية واشتهارها بحقبة المقابر والإبادة الجماعية وإعدامات المدنيين والعسكريين			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1			لحة عن الأنظمة السياسية في العراق		
2			انتهاكات النظام البعثي للحقوق والحريات العامة		
3			انتهاكات الحقوق الفكرية في ظل النظام البعثي		
4			انتهاكات الحقوق السياسية في ظل النظام البعثي		

5			انتهاكات الحقوق الاقتصادية في ظل النظام البعثي		
6			انتهاكات الحقوق الاجتماعية في ظل النظام البعثي		
7			انتهاكات الحقوق الثقافية في ظل النظام البعثي		
8			انتهاكات الحريات العامة في ظل النظام البعثي		
9			انتهاكات الحق في التعددية الحزبية في ظل النظام البعثي		
10			انتهاك حرية الرأي والتعبير في ظل النظام البعثي		
11			اسقاط الجنسية في ظل النظام البعثي		
12			أثر سلوكيات النظام البعثي في المجتمع، وتسلمه على الدولة		
13			انتهاك حقوق الإنسان من خلال الاعتقالات العشوائية وتعذيب السجناء		
14			انتهاك حقوق الإنسان من خلال إعدام العسكريين والمدنيين		
15			الفصل بين السلطات في ظل النظام البعثي		
16			حصص السلطات الثلاث بيد النظام البعثي		
17			انتهاك السلطة التشريعية في ظل النظام البعثي		
18			انتهاك السلطة التنفيذية في ظل النظام البعثي		
19			انتهاك السلطة القضائية في ظل النظام البعثي		
20			أثر المرحلة الانتقالية في محاربة السياسة الاستبدادية		
21			الميدان النفسي		
22			الميدان الاجتماعي		
23			الدين والدولة		
24			الثقافة والإعلام وعسكرة المجتمع		
25			أهم آثار القمع والحروب التي حصلت في ظل النظام البعثي على البيئة والسكان		
26			استعمال الأسلحة المحرمة دولياً والتلوث البيئي في ظل النظام البعثي		
27			سياسة الأرض المحروقة في ظل النظام البعثي		
28			تجفيف الأهوار والهجرة القسرية في ظل النظام البعثي		
29			تدمير البيئة الزراعية والحيوانية والتلوث الإشعاعي في ظل النظام البعثي		
30			المقابر الجماعية وقصف دور العبادة في ظل النظام البعثي		

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)	منهاج جرائم حزب البعث البائد 2023 / دائرة الدراسات والتخطيط والمتابعة
Main references (sources)	(1) التأسيس المعرفي لدراسة جرائم حزب البعث في العراق / د. قيس ناصر والأستاذ عبد الهادي معتوق (2) حول جرائم الحرب وجرائم ضد السلم والإبادة العنصرية / جرجيس فتح الله (3) بعث صدام رؤية من داخل نظام استبدادي / يوسف ساسون
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	(1) كيف ننسى وهذه جرائمهم / محمد الصالح الصديق (2) محاضرات في الحرية والديمقراطية / د. ولاء مهدي الجبوري (3) الحماية الدستورية للحقوق والحرريات / د. أحمد فتحي سرور

Course Description Form

1. Course Name:					
Democracy					
2. Course Code:					
DEM002					
3. Semester / Year:					
Second semester					
4. Description Preparation Date:					
October 2023					
5. Available Attendance Forms:					
lectures					
6. Number of Credit Hours (Total) / Number of Units (Total)					
15 hours/ 1 credit					
7. Course administrator's name (mention all, if more than one name)					
Name: Ahmed Ali Abboud Al Khafaji Email: ahmadali.alkhafajy@alkafeel.edu.iq					
8. Course Objectives					
Course Objectives		تهدف هذه المادة إلى تعريف الطالب بأوضاع حقوق الإنسان في الحضارات القديمة والأديان السماوية ، وأن يدرس كيفية معالجة الدين الإسلامي الحنيف لحقوق الإنسان الدينية والدنيوية ، وبيان أن الإسلام العظيم قد منح الفرد حقوقا كثيرة وعظيمة قبل ولادته وبعد وفاته ، وهو الأمر الذي لا نجده في بقية الحضارات القديمة والحديثة			
9. Teaching and Learning Strategies					
Strategy		أن يتعرف الطالب على حقوق الإنسان في الحضارات القديمة ، حقوق الإنسان في الدين اليهودي و الدين المسيحي ، حقوق الإنسان في الدين الإسلامي ، وثائق حقوق الإنسان القديمة ، إعلان حقوق الإنسان والمواطن الفرنسي لعام 1789 ، حقوق الإنسان في المنظمات الدولية			
10. Course Structure					
Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1		حقوق الإنسان في إعلانات الحقوق والوثائق الإقليمية	Lecture	
2	1		إعلانات الحقوق الوطنية والعالمية	=	

3	1	حقوق الإنسان في الدساتير العراقية	=	
4	1	الحقوق والحريات العامة التقليدية	=	
5	1	الحقوق والحريات الشخصية	=	
6	1	الحقوق والحريات الفكرية	=	
7	1	حق المشاركة في الشؤون العامة	=	
8	1	الحق في المساواة	=	
9	1	الحريات الاقتصادية والحقوق الاجتماعية	=	
10	1	الحريات الاقتصادية	=	
11	1	الحقوق الاجتماعية	=	
12	1	الوسائل القانونية لحماية حقوق الإنسان	=	
13	1	الوسائل الدستورية لحماية حقوق الإنسان	=	
14	1	التشريع العادي لحماية حقوق الإنسان	=	
15	1	الوسائل القضائية لحماية حقوق الإنسان	=	

11. Course Evaluation

Mid semester 30 Marks
and final semester examination 70 Marks

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	حقوق الإنسان / د. حميد حنون خالد
Main references (sources)	(1) حقوق الإنسان / د. رياض عزيز هادي (2) الحماية الدستورية للحقوق والحريات / د. احمد فتحي سرور (3) دعائم الحكم في الشريعة الإسلامية والنظم الدستورية المعاصرة / د. إسماعيل إبراهيم بدوي
Recommended books and references (scientific journals, reports...)	<u>المراجع المساعدة:</u> (1) حقوق الإنسان بين الشريعة والقوانين الوضعية / د. علي يوسف الشكري (2) محاضرات في الديمقراطية / د. فيصل شنتاوي (3) محاضرات في الحرية والديمقراطية / د. ولاء مهدي الجبوري
Electronic References, Websites	