

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



Academic Program and Course Description Guide

4th stage Community and Family Medicine
2025-2026

Academic Program Description Form

University Name: University of Al-Qadisiyah

Faculty/Institute: College of medicine

Scientific Department:

Academic or Professional Program Name: General Medicine and Surgery

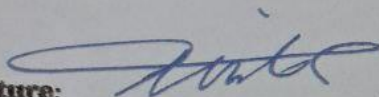
Final Certificate Name: Bachelor's degree in General Medicine and Surgery

Academic System: Annual year / 2 semester

Description Preparation Date: 10/9 /2025

File Completion Date: 16/9/2025

Signature:



Head of Department Name:

Prof Dr. Nael Mohammed

Signature:



Scientific Associate Name:

Prof. Dr. Ali albrakeem

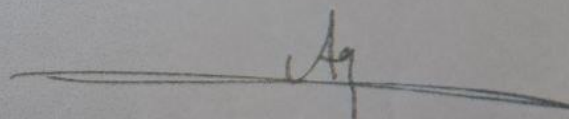
The file is checked by: Prof Dr. Anwar jassib

Department of Quality Assurance and University Performance

Director of the Quality Assurance and University Performance

Department:

Signature:



Approval of the Dean

1. Program Vision

Seeking to make the College of Medicine in Al-Qadisiyah University a distinguished college among the medical colleges in Iraq in the field of medical education. Additionally, to make it has a clear imprint in promoting the health field in the Iraqi community and works to provide distinctive proposals and views for basic and clinical medical sciences to ensure meeting the health needs of the community at the local and national levels..

2. Program Mission

Al Qadisiyah medical college aims at producing medical doctors that are able to participate effectively in the health care delivery system whether in Iraq or any other country
The curriculum is designed to provide students with the necessary knowledge, skills and attitudes in order to function as safe doctors and have the baseline for lifelong learning in the medical field in the future
The teaching methods are guided by learning objectives that ensure delivering basic biomedical, behavioral and social and clinical subjects which help creating an efficient junior doctor who is competent, motivated and professional.
It is a well-established strategy that students are heard and welcomed to provide feedback about different aspects of the learning process and they are considered as an essential part in the decision making in the college used for continuous planning for improvement of the whole institution.

3. Program Objectives

Graduating distinguished doctors and rehabilitating them scientifically, professionally and ethically so that they can provide health and medical care to individuals, families and society on sound scientific bases and in accordance with the noble moral, social and humanitarian values with great interest in primary health care
- Developing curricula, teaching aids and methods to improve quality based on international quality standards and academic accreditation
- Achieving accreditation through the institutional capacity standards of the college. Achieving academic accreditation standards for student and graduate programs offered by the college
Continuous support for distinguished cadres of faculty members through an academic environment that encourages production and creativity
θ Continuous development of the scientific research system to identify and diagnose major health problems in the community, propose appropriate scientific solutions to them, and keep pace with development in basic and clinical medical sciences.

4. Program Accreditation

An application has been made for national accreditation for medical colleges

5. Other external influences

Advances in medical science and technology , requiring regular curriculum updates

6. Program Structure				
Program Structure	Number of semester	Credit hours	Percentage	Reviews*
Institution Requirements	2	Total hours for annual year semester I ,II 180 h (120 h theory and 60 h clinical session)		Basic
College Requirements	2	Total hours for annual year semester I ,II , 180 h (120 h theory and 60 h clinical session)		Basic
Department Requirements	2	Total hours for annual year semester I ,II , 180 h (120 h theory and 60 h clinical session)		Basic
Summer Training	Not found			
Other	Basic course			

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

7. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
4 th	CFM 4202	Community and family medicine	theoretical	practical
			120 h for annual year semester I ,II	60 h for annual year semester I ,II

8. Expected learning outcomes of the program

Knowledge

a (Knowledge):

- 1.To acquire basic knowledge on main components of community medicine interests
- 2.To develop relevant competencies and skills in epidemiology and statistics so as to be able to measure and evaluate health and health care services
- 3.To develop abilities and competencies in the epidemiology and control of major health problems at population level
- 4.To develop basic principles of scientific research
- 5.To develop understanding of primary health care as strategy and services to the population
- 6.To contribute to the requirements of graduation of competent doctors to serve national, regional as well as local goals
- 7.To be prepared for postgraduate training in the future
- 8.To be prepared to pursue self-learning towards continuing professional development.

Skills

(Skills):

- 1.**Interpret the distribution of disease in a population in terms of person, place and time**
- 2.**Describe the components of a rate, ratio and proportion**
- 3.**List, define and compute common rates used to measure fertility, morbidity and mortality in community**
- 4.**Define absolute risk, relative risk and attributable risk. Interpret their use in epidemiological situations**
- 5.**Distinguish between association and causation and list causal criteria**
- 6.**Describe major epidemiological studies (cross-sectional, longitudinal, case-control and cohort)**
- 7.**Make a simple design of an epidemiological study to describe the distribution of disease in population**
- 8.**Make a simple design of an epidemiological study to identify risk factors for a given disease**
- 9.**Analyze and interpret results obtained from relevant epidemiological studies**

Attitude

(Attitudes):

- 1- The proper ethical approach when dealing with patients in the field of primary health care centers
- 2- The proper communication skills needed when giving important advise necessary for health promotion and disease prevention
- 3-The ethical and legal codes used for conducting health related research and the proper way of acquiring patient's consent and respect autonomy
- 4- The importance of keeping patient's information confidential

9. Teaching and Learning Strategies

- The method of lecture and the use of the smart board
 - Readings, self-learning, panel discussions.
 - Exercises and activities in the classroom.
 - Guide students to some websites to benefit from them to develop abilities.
- Ask the students a set of thinking questions during the lectures such as what, how, when and why
Regular visits to Primary Health Care Centers and students active involvement in patients care

10. Evaluation methods

- Theory**
- . **Written Examination**
- . **Oral Examination**
- **practical**
- **Small group discussion**
- **reports and activities**

11. Faculty

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Prof	MB.Ch.B	PhD family medicine			1	
Ass.prof	MB.Ch.B	FICMS community medicine			1	
Lecturer	MB.Ch.B	FICMS community medicine			2	
Lecturer	MB.Ch.B	FICMS family medicine			1	

Professional Development

Mentoring new faculty members

processes and activities designed to enhance the professional knowledge, skills, and attitudes of educators so that they might, in turn, improve the learning of students.

Professional development of faculty members

creating or sustaining a culture of teaching excellence; advancing new initiatives in teaching and learning; and supporting individual faculty members' goals for professional development.

12. Acceptance Criterion

According to the student's central acceptance rate

13. The most important sources of information about the program

Books for fourth year

1. Epidemiology by Gordis
2. Preventive medicine by Macxy Rosenau
3. Control of communicable disease by Benensen
4. Short textbook of preventive medicine by Lucas and Gilles
5. WHO website
CDC

14. Program Development Plan

1. Focusing mainly on making community and family medicine lectures more interactive by asking the fundamental questions in pathology "how & why "
2. Reliance on clinical tutors; we recruit recent medical graduates for small groups in teaching lab
3. Focusing more on Sample questions: that should be posted weekly based on the learning objectives for the week for the students to study by themselves.

Program Skills Outline															
				Required program Learning outcomes											
Year/Level	Course Code	Course Name	Basic or optional	Knowledge				Skills				Ethics			
				A1	A2	A3	A4	B1	B2	B3	B4	C1	C2	C3	C4
4 th year	CFM 4202	Community and family medicine	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

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

Course Description Form

1. Course Name: community medicine	
community medicine	
2. Course Code:	
CFM 4202	
3. Semester /	
Annual year semester I ,II / 4 th year	
4. Description Preparation	
Date:10/9/2025	
5. Available Attendance Forms:	
Official working hours	
6. Number of Credit Hours (Total) / Number of Units (Total)	
180 h for annual year semester I,II (120 h theory and 60 h for clinical session) / 10 UNIT total	
7. Course administrator's name (mention all, if more than one name)	
Name: ahmed kathum	
Email	
8. Course Objectives	
Course Objectives	<p>1-Teaching undergraduates medical students the principles and methods of epidemiology, medical statistics, basic epidemiology and control of communicable and non-communicable diseases. This is in addition to</p> <p>2-Teaching of primary health care concepts and practical programs in Iraq. Health care administration (planning management and evaluation techniques) as well as medical sociology and demography are also taught by the Department.</p> <p>3-Brief sessions are also given on topics related to health economics, health information and utilization of health care services.</p> <p>4-A short course is also arranged to tackle problems of environmental and occupational health..</p>
9. Teaching and Learning Strategies	
Strategy	<ul style="list-style-type: none"> • Manage the lecture in a way that feels the importance of time. • The method of lecture and the use of the smart board • Readings, self-learning, discussion panels. • Exercises and activities in the classroom. • Guiding students to some websites to benefit from them to develop capabilities. • Asking students a set of thinking questions during the lectures such as what, how, when and why for specific topics • Sudden daily and weekly continuous tests. • Allocate a percentage of the class for group activities.
10. Course Evaluation	
<p>The method of lecture and the use of the smart board</p> <p>Readings, self-learning, panel discussions.</p> <p>Exercises and activities in the classroom.</p> <p>- Guide students to some websites to benefit from them to develop abilities.</p> <p>Ask the students a set of thinking questions during the lectures such as what, how, when and why</p>	

11. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	Principle lectures notes and power points presentations provided by staff members of family and community medicine department.
Main references (sources)	Books for fourth year 1.Epidemiology by Gordis 2.Preventive medicine by Macxy Rosenau 3.Control of communicable disease by Benensen 4.Short textbook of preventive medicine by Lucas and Gilles
Recommended books and references (scientific journals, reports...)	https://www.who.int/
Electronic References, Websites	WHO website CDC

10. Course Structure		1st semester contents			
Assessment	Educational methods	Subjects	Outcome	hours	week
General questions & discussion	theory	General epidemiology	Introduction : concept of health and disease, definition of epidemiology, epidemiological uses and approaches	3	1
General questions & discussion and quiz	theory	General epidemiology	Epidemiological measurements : rates, proportions and ratios Descriptive epidemiology: person, place and time	3	2
General questions & discussion and quiz	theory	General epidemiology	Descriptive epidemiology: person, place and time Descriptive epidemiological studies: Cross-sectional, Longitudinal, Case control, Cohort, Interventional	3	3
General questions & discussion	theory	General epidemiology	Descriptive epidemiological studies: Cross-sectional, Longitudinal, Case control, Cohort, Interventional The concept of association, causation, risk Analytical epidemiological studies	3	4
General questions &	Theory	General epidemiology	Screening and quality control of screening and diagnostic tests-clinical epidemiology Designing epidemiological studies	3	5
General questions & discussion	theory	General epidemiology	Analytical epidemiological studies Screening and quality control of screening and diagnostic tests-clinical epidemiology	3	6
General questions & discussion	theory	Epidemiology of communicable diseases	-INFECTIONS ACQUIRED THROUGH THE GASTROINTESTINAL TRACT: Diarrhoeal diseases: extent of the problem, causes, risk factors and control Comparative epidemiology of rotavirus, salmonella, cholera and shigellosis Amoebiasis and shigellosis	3	7
General questions & discussion	theory	Epidemiology of communicable diseases	Amoebiasis and shigellosis Bacterial food poisoning	3	8
General questions & discussion ش General	theory	Epidemiology of communicable diseases	Poliomyelitis Infections hepatitis A Typhoid and paratyphoid fever	3	9

questions & discussion and quiz					
General questions & discussion	theory	Epidemiology of communicable diseases	Exanthematous infection: Measles, German measles, chicken pox...etc Mouth and throat infection: Diphtheria, mumps, and tonsillitis	3	10
General questions & discussion	theory	Epidemiology of communicable diseases	Whooping cough Acute bacterial meningitis Tuberculosis	3	11
General questions & discussion	theory	Epidemiology of communicable diseases	Insect bites: malaria, leishmaniasis, rickettsia Abrasions: anthrax	3	12
General questions & discussion	theory	Epidemiology of communicable diseases	Animal bites, rabies Wounds: tetanus Injections: hepatitis B, AIDS Penetration: Schistosomiasis, hookworm	3	13
General questions & discussion	theory	Epidemiology of communicable diseases	-SEXUALLY TRANSMITTED DISEASES - ZOO NOTIC INFECTIONS - NOSOCOMIAL INFECTIONS AND TRAVELLER HEALTH	3	14
			exam	3	15

The practical in the first term 30 hours : consists of epidemiological desk exercises. visits health care centers to learn about structure and how to deal with patients in primary health care. There are quantitative practical classes handling specific epidemiological issues covering demographic, vital and health topics. Fourth year students are divided into subgroups of 15-25 students each. The groups are supervised by faculty members in rotation. Exercises are designed to further development of the knowledge and skills.

First semester training in primary health care centers

Subjects	Group	Supervisor	Week
Prenatal care antenatal care	A+B+C+D	د سمارة	1 week
Natal and Postnatal care	A+B+C+D	د سمارة	2 nd week
Family planning	A+B+C+D	د سمارة	3
Premarital counseling	A+B+C+D	د سمارة	4
Child health clinic	A+B+C+D	د سمارة	5
Nutritional assessment	A+B+C+D	د سمارة	6
Nutritional problem during pregnancy	A+B+C+D	د زينب	7
Nutritional problem during childhood EBM	A+B+C+D	د نزهت	8
Breast feeding	A+B+C+D	د زينب	9
Growth monitoring	A+B+C+D	د زينب	10

2nd semester contents		١١. بنية المقرر الكورس الثاني			
assessment	method	Subject	مخرجات التعلم المطلوبة	hours	Week
General questions & discussion	theory	Epidemiology of non-communicable diseases	Epidemiology of ischaemic heart diseases	3	1
General questions & discussion and quiz	theory	Epidemiology of non-communicable diseases	Epidemiology of diabetes mellitus	3	2
General questions & discussion	theory	Epidemiology of non-communicable diseases	Epidemiology of cancer Epidemiology of accidents AND BBN	3	3
General questions &	theory	Epidemiology of non-communicable diseases	EVIDENCE BASED MRDICINE EBM COUNCELING	3	4
General questions & discussion	theory	Maternal and child health care (MCHC)	Introduction to MCH care Components of MCH care	3	5
General questions & discussion	theory	(MCHC)	Nutrition during pregnancy Infection during pregnancy Low birth weight and prematurity	3	6
General questions & discussion	theory	(MCHC)	Evaluation of MCH care	3	7
General questions & discussion ش General questions & discussion and quiz	theory	(MCHC)	under five clinics growth monitoring Immunization	3	8
General questions & discussion	theory	(MCHC)	Development clinics care for handicapped children School health services: concept and plans Vital statistics in MCH care	3	9
General questions d	theory	Enviromental And Occupitainal	Definition of health and disease within the context of environment, and environmental health Basic activities of environmental health Water: sources, quality and related diseases	3	10
General questions & discussion	theory	Enviromental And Occupitainal	Air: sources of pollution, health effects and control of air pollution Toxicology: Common environmental problems	3	11
General questions & discussion	theory	Enviromental And Occupitainal	Definition of occupational health Objectives of occupational health services Health hazards associated with work	3	12

			Health hazards to the environment and community which result from industrial activities		
General questions & discussion	theory	PHC	Limitation of the hospital model/Justifications for PHC Definition, contents and difficulties of PHC/ Supportive programmes/ The five star doctor National PHC programmes: EPI, CDD National PHC programmes: ARI, MCH, Breast feeding	3	13
General questions & discussion	theory	ADMINISTRATION	Brief historical view of Iraq health system Concept of administration Planning of health care services Evaluation of health care services	3	14
exam	theory	ADMINISTRATION	Brief historical view of Iraq health system Concept of administration Planning of health care services Evaluation of health care services Complementary medicine	3	15

Second term: practical (30 hours)

These are based on field projects, which cover real health, and health related problems through household surveys and institutional-based studies in which students use the theoretical knowledge in designing, conducting, analysis and presentation of their results.

Note: Optional practical may include visits to certain health related industries and institutions.

Second semester training in primary health care centers

Subjects	Groups	Supervisor	Week
Expanded program of immunization in Iraq	A+B+C+D	د بدر	1
Adverse event of immunization	A+B+C+D	د بدر	2
Cold chain of vaccine	A+B+C+D	د بدر	3
Infectious Diseases prevention	A+B+C+D	د استبرق	4
Outbreak investigation	A+B+C+D	د استبرق	5
Screening programs in Iraq	A+B+C+D	د سمارة	6
Screening performance	A+B+C+D	د سمارة	7
School health	A+B+C+D	د سمارة	8
Health promotion and education	A+B+C+D	د اسعد	9
Sexual transmitted diseases program in Iraq EBM	A+B+C+D	د اسعد	10

Examinations description:

Examination	Description
1-continuous progress test (CPT)	oral examination / spot diagnosis , quizzes , PBL ,Short answered questions, Case report ,homework activity and skills assessment , log book activity
2- theory exam for each 1 st and 2 nd mid semester	Short answered questions, M.C.Qs. and case presentation with short answer and matching according bloom and blue print
3-Halve year theory exam	Short answered questions, M.C.Qs. and case presentation with short answer and matching according bloom and blue print
4- clinical session exam for final exam	OSCE , long case , short case , physical exam according bloom and blue print
5-final theory exam	M.C.Qs. as case sinario or direct question , according bloom and blue print

The minimum passing grades (Faculty bylaws) is 50 marks.

Re-sit Examinations :- Students who fail in annual year assessment will be required to re-sit (second sitting) the Final examination (theory and practical exam) .