

Republic of Iraq

**Ministry of Higher Education and Scientific
Research**

Scientific Supervision and Evaluation Authority

**Department of Quality Assurance and Academic
Accreditation**

Accreditation Division

Academic Program Description

**Bachelor of Medicine and General Surgery
(MBCChB)**

College of Medicine - Al-Ameed University

Holy Karbala - Republic of Iraq

For the Academic Year 2025-2026

Academic Program Description Form

University: Al-Ameed University

College / Institute: College of Medicine

Academic or Professional Program: Bachelor of Medicine and General Surgery (MBChB)

Final Degree Awarded: Bachelor of Medicine and General Surgery

Study System: Annual System

Date of Description Preparation: 21/4/2026

Date of Completing the Form: 21/4/2026



Signature :
Prof. Dr. Ali Thulfiqar A. Imeer Al-Bassam
Assistant Dean for Scientific Affairs and
Students
Date : 2026 /4/21



Dean's Approval
Prof. Dr. Riyadh Mustafa Murtadha
Date : 2026 /4/21



Signature:
Lecturer Dr. Ahmed Abdul Hussein -
Director, Quality Assurance and Mousa
University Performance Division
Date : 2026/4/21

1-Program Vision

The Bachelor of Medicine and General Surgery program at the College of Medicine, Al-Ameed University, aspires to achieve leadership in medical education and enhance its outcomes in alignment with national and international standards. It aims to prepare academically, professionally, and ethically distinguished physicians who can provide comprehensive, safe, and evidence-based healthcare and contribute effectively to the development of the health system and society, while upholding high human values and the principles of the medical profession.

2-Program Mission

The program is committed to preparing scientifically, clinically, and professionally qualified physicians who are competent in diagnosis, treatment, and prevention and possess skills in critical thinking, effective communication, and multidisciplinary teamwork. This is achieved by providing an advanced educational environment based on modern integrated curricula, applying learner-centred educational strategies, encouraging scientific research and innovation, and promoting ethical commitment, social responsibility, and community service.

3-Program Objectives

The program seeks to achieve the following objectives:

Prepare a scientifically and clinically qualified general physician capable of providing high-quality primary healthcare.

Provide students with fundamental and clinical medical knowledge in accordance with the latest scientific developments and professional practices.

Develop the clinical and practical skills required for the diagnosis and appropriate management of different medical conditions.

Develop critical-thinking, problem-solving, and evidence-based clinical decision-making skills.

Develop effective communication skills with patients, their families, and professional colleagues, and promote teamwork.

Promote ethical and professional commitment and social responsibility in medical practice.

Encourage students to engage in scientific research and publication and contribute to the advancement of medical knowledge.

Prepare graduates for lifelong learning and continuous engagement with developments in medical sciences throughout their careers.

Qualify graduates to pursue postgraduate studies in different medical specialties within and outside Iraq.

Contribute to the development of the health system and society by providing qualified medical personnel.

4. Program Accreditation

The College has received conditional programmatic accreditation from the National Council for Accreditation of Medical Colleges in Iraq.

5. Other External Influences

Regulations of the Iraqi Ministry of Higher Education and Scientific Research and quality-assurance standards.

Requirements of the Iraqi Ministry of Health and the needs of the national health system.

Standards of the Iraqi Medical Association and the Iraqi Board for Medical Specializations.

International medical-education standards issued by the World Health Organization (WHO) and the World Federation for Medical Education (WFME).

Community needs and epidemiological and health changes in Iraq and the region.

Scientific and technological developments in medicine and healthcare.

Partnerships with teaching hospitals and healthcare institutions.

Iraqi Board for Medical Specializations / World Health Organization

6. Program Structure

Number of Courses	Program Structure	Credit Units	Notes	Percentage	Credit Units
Arabic Language / Computer / English Language / Medical Terminology / Crimes of the Baath Party	Institution Requirements	16	/	/	16
41 courses	College Requirements	246 units	/	/	246 units
/	Department Requirements	/	/	/	/
/	Summer Training	/	/	/	/

7. Program Description				
Year	Course Code	Course Title	Theory	Practical
			80	120
First	ANAT 101	General Anatomy (Anatomy)	60	60
First	BIO 103	Cellular and Molecular Biology (Cell Biology)	60	60
First	MCHE 102	Biochemistry (Biochemistry)	45	60
First	MPSY 104	Medical Physics physics	30	60
First	COMP 105	Computer computer	30	
First		Medical Terminology terminology	30	60
First	MEDF 109	Communication Skills and Professional Behaviour medical foundation	30	
First	HUMR 108	Human Rights and Democracy	60	
First	ENGL 106	Medical English	60	
First	ARB1 107	Arabic Language	45	90
Second	HIST 204	Histology Histology	30	
Second	EMBR 205	Embryology	150	60
Second	PHYS 202	Physiology (Physiology)	60	120
Second	ANAT 201	Regional Anatomy (Regional Anatomy)	30	
Second		Crimes of the Baath Party	30	60

Second		Computer computer	90	60
Second	BIOC 203	Clinical Biochemistry	120	60
Third	MICR 304	Microbiology and Immunology (Microbiology & Immunology)	30	
Third	BIPH 308	Biostatistics and Research Methodology	45	60
Third	PATH 305	General Pathology (General Pathology)	60	90
Third	PHAR 301	Pharmacology (Pharmacology)	30	60
Third	PARS 304	Parasitology parasitology	30	
Third	SURG 307	General Surgery General Surgery	45	60
Third	MEDI 306	Introduction to Clinical Medicine	120	90
Fourth	MEDI 401	Internal Medicine (Internal Medicine)	100	90
Fourth	SURG 403	General Surgery (General Surgery)	45	60
Fourth	PATH 407	Clinical Pathology	30	90
Fourth	PHFM 406	Family and Community Medicine	30	60
Fourth	PHFM 406	Forensic Medicine	30	
Fourth	PAED 404	Paediatrics	60	60
Fourth	OBST 402	Obstetrics and Gynaecology (Obstetrics & Gynecology)	75	75
Fifth	MEDI 501	Internal Medicine	105	135
Fifth	SURG 503	Surgery	60	30

Fifth	PAED 505	Paediatrics (Paediatrics)	60	30
Fifth	OBST 502	Obstetrics and Gynaecology (Obstetrics & Gynecology)	30	30
Fifth	PSYC 510	Psychiatry (Psychiatry)	30	30
Fifth	DERM 506	Dermatology and Venereology	30	30
Fifth	OPTH 507	Ophthalmology (Ophthalmology)	30	30
Fifth	OTOR 508	Otorhinolaryngology (ENT) (ENT)		432
Sixth	MEDI 601	Clinical Internal Medicine (Clinical Medicine)		432
	SURG 603	Clinical Surgery (Clinical Surgery)		432
	PAED 604	Clinical Paediatrics		432
	FAML605	Clinical Obstetrics and Gynaecology		Practical

8. Expected Program Learning Outcomes

Knowledge

K1. Describe the normal structure and function of the human body at the cellular, tissue, organ, and system levels.

K2. Explain the molecular, cellular, and physiological foundations of health and disease.

K3. Identify the causes, pathological mechanisms, clinical manifestations, and complications of common diseases.

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Skills

S1. Obtain a complete and accurate medical history and perform a systematic clinical examination of different body systems.

S2. Interpret laboratory, radiological, and other diagnostic investigation results.

S3. Formulate differential diagnoses and develop appropriate and safe patient-management plans.

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S3. Formulate differential diagnoses and develop appropriate and safe patient-management plans.

Values

V1. Adhere to medical ethics, patient confidentiality, and respect for patients' rights.

V2. Demonstrate professional responsibility, accountability, and integrity in medical practice.

V3. Respect patients' cultural, religious, and social diversity and practise without discrimination.

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9. Teaching and Learning Strategies

The College adopts diverse and integrated teaching and learning strategies, including:

Interactive lectures.

Problem-Based Learning (PBL).

Case-Based Learning (CBL).

Practical laboratories and clinical skills laboratories.

Clinical training in teaching hospitals and healthcare centres.

Discussion sessions and seminars.

Student presentations and research reports.

E-learning, digital platforms, and flipped classrooms.

Simulation of clinical cases using standardized patients and computer-based simulation.

Field visits to hospitals and primary healthcare centres

Self-directed and collaborative learning in small groups

10. Assessment Methods

Assessment methods (summary):

1. Formative Assessment

Conducted during the educational process to monitor student progress and provide continuous feedback.

Google Forms are used to prepare short quizzes.

Questions may be presented in different formats, such as:

Multiple-choice questions (MCQs)

True/false questions

Short-answer questions

They are administered before lectures for preparation and after lectures to measure understanding.

Results are analysed electronically and feedback is provided to students.

Assessments should be brief and focused, with prompt feedback.

2. Summative Assessment

Used to measure learning outcomes at the end of a course or stage of study.

A. Written assessments:

Quizzes

Midterm examinations

Final examinations

Assignments and coursework

These include:

Multiple-choice questions (MCQs)

Structured essay questions

Clinical problem-solving questions

B. Practical and clinical assessments:

Objective Structured Practical Examination (OSPE).

Objective Structured Clinical Examination (OSCE).

Mini-Clinical Evaluation Exercise (Mini-CEX).

Long- and short-case clinical examinations.

Oral examinations in selected specialties.

11. Academic Staff					
Academic Staff Members					
Number of Academic Staff		Requirements / Special Skills (if any)	Specialty		Academic Rank
Lecturer	Permanent		Specific	General	
1	2		1- Internal Medicine	1- Bachelor of Medicine and General Surgery	Professor
0	1		2- Haematology and Oncology Number		
0	1		3- Dermatology and Venereology Number		
0	2		4- General Surgery Number		
1	2		5- Paediatrics		
0	1		6- Histology and Anatomy		
0	2		7- Microbiology		
1	1		8- Pharmacology		
0	1		9- Family and Community Medicine		
1	0		10- Forensic Medicine		
0	1		1- Biochemistry	2- Science Chemistry	Associate Professor
0	1		2- Microbiology	Life Sciences	
0	1		1- Internal Medicine	Bachelor of Medicine and General Surgery	
0	1	1- Histopathology	2- Histopathology		
0	1		2- General Surgery		
	2		3- Neurosurgery		
	2		5- Family and Community Medicine		
1	0	Pharmacology	6- General Surgery		
2	0		7- Neurophysiology		

1			8- Clinical Chemistry		
1			9- Obstetrics and Gynaecology		
	1		10-Anatomical Sciences		
1			11--Paediatrics		
	1		Immunological Microbiology	Veterinary Medicine	
	1		Computer Science	Computer Science	
0	1		1- Radiotherapy	Bachelor of Medicine and General Surgery	Assistant Professor
1	1		2- Pathology		
0	1 1		3- Orthopaedic and Trauma Surgery		
0	1		4- Cardiac Surgery		
0	1		5- Diagnostic Radiology		
0	1		General Surgery		
0	2		Otorhinolaryngology		
0 1	1 1		6- Family and Community Medicine 7- Obstetrics and Gynaecology		

0	1		Physics	Science Physics	
1			Biology	Life Sciences	
0	1		Law	Law	
0	2		Clinical Chemistry	Biochemistry	Assistant Lecturer
			Family and Community Medicine	Bachelor of Medicine and General Surgery	
0	1		Anatomy and Histology		
0	1		Medical Physiology		
0	1		Pharmacology		
0	2		Clinical Chemistry	Biochemistry	
0	2		Master's degree Microbiology	Microbiology	
0	2		Master's degree Pharmacology	Bachelor of Pharmacy	
0	3		Computer Science	Computer Science	
0	1		Law	Law	

2	0		Medical Physiology	Medical Physiology	
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Professional Development

The College provides an orientation program for new academic staff covering the College vision and mission, the academic quality guide, modern medical-education methods, assessment systems, the use of e-learning platforms, and communication skills with students.

Workshops in medical education and teaching methods.

Courses in examination design, construction, and assessment quality assurance.

Courses in information technology and e-learning.

Courses in scientific research and publication in international peer-reviewed journals.

Seminars on the ethics of education and medical practice.

Participation in local, regional, and international scientific conferences.

Support for study leave and fellowships for advanced professional development.

The academic staff of the College of Medicine consist of members with high scientific and academic competence, holding PhD degrees, subspecialty qualifications, and Iraqi and Arab Board certifications, and distributed across the College's basic-science and clinical departments. Qualified staff are recruited from within and outside Iraq to enhance program quality and support its objectives.

12 - Admission Criteria

Students are admitted to the Bachelor of Medicine and General Surgery program in accordance with regulations issued by the Ministry of Higher Education and Scientific Research and the Directorate of Studies, Planning and Follow-up. The requirements include:

Holding an Iraqi preparatory-school certificate (scientific/biological branch) with an average not lower than the minimum central-admission requirement for medical colleges in the relevant academic year.

Passing the personal interview and medical fitness examination.

Submitting the required official documents (civil identification, nationality certificate, health certificate, and personal photographs).

Meeting the conditions for parallel, general, or state-funded admission, according to the admission category.

Demonstrating English-language proficiency sufficient to pursue the program.

Complying with the University's academic and behavioural regulations.

13. Main Sources of Information about the Program

Official websites of Al-Ameed University and the College of Medicine.

The annual student guide issued by the College.

The academic program guide and course specifications.

Annual quality-assurance and academic-accreditation reports.

Electronic resources and digital scientific libraries (UpToDate, PubMed, and ClinicalKey).

International medical textbooks approved for the courses.

Peer-reviewed scientific journals in the medical sciences.

Regulations of the Ministry of Higher Education and Scientific Research and the Iraqi Medical Association.

14-program Development Plan

The College adopts a comprehensive plan for developing the academic program in line with current developments in medical education. The plan includes:

Periodic review and updating of the curriculum in accordance with contemporary international standards in medical education.

Expanding the adoption of an integrated systems-based medical curriculum.

Developing advanced infrastructure, including virtual anatomy laboratories and clinical simulation laboratories.

Enhancing the use of e-learning and digital platforms (LMS).

Expanding partnerships with teaching hospitals and healthcare centres within and outside Iraq.

Strengthening scientific research and supporting students and staff to publish in international journals.

Seeking national and international programmatic academic accreditation.

Developing faculty skills through continuing professional development (CPD) programs.

Continuously evaluating the program through feedback from students, graduates, and employers.

Responding to labour-market needs and the health requirements of Iraqi society.

Program Skills Map																					
كلية الطب - جامعة العميد وصف البرنامج الأكاديمي Required Program Learning Outcomes																					
Values						Skills						Knowledge						Core or Elective	Course Title	Course Code	Year
V6	V5	V4	V3	V2	V1	S6	S5	S4	S3	S2	S1	K6	K5	K4	K3	K2	K1				
					√						√				√	√	√	Core	General Anatomy	ANAT 101	First
					√											√	√	Core	Biochemistry	MCHE 102	First
					√											√	√	Core	Cellular and Molecular Biology	BIO 103	First
					√						√						√	Core	Medical Physics	MPSY 104	First
		√	√	√	√		√											Core	Computer	COMP 105	First
		√	√	√	√		√											Core	Communication Skills and Professional Behaviour	MEDF 106	First
					√												√	Core	Medical Terminology	TERM 107	First
					√												√	Core	Human Rights	HUMR 108	First
					√												√	Core	Arabic Language	ARBA 107	First
					√						√				√	√	√	Core	Physiology	PHYS 201	Second
					√						√				√	√	√	Core	Regional	ANAT 202	Second

Program Skills Map																					
Required Program Learning Outcomes																					
Values						Skills						Knowledge						Core or Elective	Course Title	Course Code	Year
V6	V5	V4	V3	V2	V1	S6	S5	S4	S3	S2	S1	K6	K5	K4	K3	K2	K1				
																			Anatomy		
					√					√						√	√	Core	Clinical Biochemistry	BIOC 203	Second
					√						√				√	√	√	Core	Histology	HIST 204	Second
					√						√				√	√	√	Core	Embryology	EMBR 205	Second
																	√	Core	Crimes of the Baath Party	ALCr 206	Second
																	√	Core	Computer	COMP 208	Second
					√					√					√	√	√	Core	Microbiology and Immunology	(MICR 301)	Third
					√					√			√		√		√	Core	Pharmacology	(PHAR 302)	Third
					√					√					√	√	√	Core	General Pathology	(PATH 303)	Third
																	√	Core	Parasitology	(PARS 304)	Third
	√			√	√		√	√	√	√	√				√			Clinical	Internal Medicine	(MEDI 305)	Third
					√					√					√	√	√	Clinical	Surgery	(SURG 306)	Third

Program Skills Map

Required Program Learning Outcomes

Values						Skills						Knowledge						Core or Elective	Course Title	Course Code	Year
V6	V5	V4	V3	V2	V1	S6	S5	S4	S3	S2	S1	K6	K5	K4	K3	K2	K1				
	√	√			√			√				√		√			√	Core	Biostatistics and Research Methodology	(BIPH 307)	Third
√	√			√	√				√	√	√	√	√	√	√	√	√	Clinical	Internal Medicine	(MEDI 401)	Fourth
√	√			√	√		√	√	√	√	√	√	√	√	√	√	√	Clinical	General Surgery	SURG 402	Fourth
	√	√	√		√			√				√	√	√	√			Clinical	Community Medicine and Public Health	PHFM 403	Fourth
	√				√				√	√			√		√	√	√	Core	Clinical Pathology	(PATH 404)	Fourth
√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinical	Obstetrics and Gynecology	(OBYG 405)	Fourth
√	√	√	√	√	√		√		√									Clinical	Forensic Medicine	(FORM 406)	Fourth
√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinical	Paediatrics	(PAED 407)	Fourth
√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinical	Clinical	(SURG 501)	Fifth

Program Skills Map																					
Required Program Learning Outcomes																					
Values						Skills						Knowledge						Core or Elective	Course Title	Course Code	Year
V6	V5	V4	V3	V2	V1	S6	S5	S4	S3	S2	S1	K6	K5	K4	K3	K2	K1				
																			Surger y		
√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinic al	Clinica l Intern al Medici ne	(MEDI 502)	Fifth
√	√		√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinic al	Clinica l Obstet rics and Gynae cology	(OBYG 503)	Fifth
√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinic al	Clinica l Paedia trics	(PAED 504)	Fifth
√	√		√	√	√		√		√	√		√	√		√		√	Clinic al	Psychi atry	(PSYC 505)	Fifth
					√				√	√	√				√	√	√	Clinic al	Derma tology	(DERM 506)	Fifth
					√			√	√	√	√				√	√	√	Clinic al	Ophth almolo gy	(OPTH 507)	Fifth
					√			√	√	√	√				√	√	√	Clinic al	Otorhi nology (ENT)	(OTOR 508)	Fifth
√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinic al	Clinica l Intern al Medici ne	MEDI 601	Sixth

Program Skills Map																					
Required Program Learning Outcomes																					
Values						Skills						Knowledge						Core or Elective	Course Title	Course Code	Year
V6	V5	V4	V3	V2	V1	S6	S5	S4	S3	S2	S1	K6	K5	K4	K3	K2	K1				
√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinical	Clinical Surgery	SURG 602	Sixth
√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinical	Clinical Paediatrics	OBGY 603	Sixth
√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	Clinical	Clinical Obstetrics and Gynaecology	PAED 604	Sixth