

Academic Program Description form

University Name: Al-Mustaqbal University

College: Dentistry

Academic Program Name: Bachelor's Degree

Final Awarded Degree: Bachelor of Dental Surgery (B.D.S.)

Study System: Annual

Date of Program Specification Preparation: 2024/2025

Date of File Completion:

Name of the Scientific Assistant: Dr. Basim Kareem

Verified by:

Quality Assurance and University Performance Division

Name of Head of the Quality Assurance and University Performance

Division: Dr. Alyaia Radhim Mohammed

Date:

Signature:

Approval of the Dean



**Prof. Dr. Athraa Yahya
Mohammed Al-Hijazi**

1. Program Vision

Our academic program aspires to be a leader in dental education and training, both regionally and internationally, by graduating highly skilled dentists who are capable of effective communication and patient care, while acquiring, applying, and advancing knowledge through scientific research and innovation. The program also seeks to establish a comprehensive quality assurance strategy and set clear guidelines that support the achievement of the College's objectives.

2. Program Mission

To enhance health, medical, therapeutic, and consultative services in the country, conduct rigorous scientific research, and increase social contribution in serving the community through the advancement of oral and dental health.

3. Program Objectives

1. Graduate and qualify specialized cadres in the field of dentistry who are capable of providing high-quality medical services in diagnosis and treatment.
2. Contribute to the development of scientific and health research, open new horizons and concepts in research, and enable graduates to engage in field health practice while equipping them with administrative and scientific skills in this domain.
3. Motivate students toward innovation and ensure comprehensive mastery of methods of creativity and development within their field of specialization.

4. Program Accreditation

Program accreditation has not been obtained as of the date of completing this file.

5. other External Influences

Scientific libraries, academic seminars and workshops, training courses for students to develop professional skills, and field visits.

First Stage				
Practical Hours	Theoretical Hours	Credit Units	Course Code	Course Title
2h/wk	1h/wk	4	MU0611101	General anatomy
2h/wk	2h/wk	6	MU0611102	Medical physics
2h/wk	2h/wk	6	MU0611103	Biology
2h/wk	1h/wk	4	MU0611104	Computer
-	1h/wk	2	MU0611105	English Language
-	1h/wk	2	MU0611106	Human Rights
2h/wk	2h/wk	6	MU0611107	Medical chemistry
-	1h/wk	2	MU0611108	Arabic Language
2h/wk	2h/wk	6	MU0611109	Dental anatomy

Second Stage				
Practical Hours	Theoretical Hours	Credit Units	Course Code	Course Title
2h/wk	1h/wk	4	MU0612101	General anatomy
2h/wk	2h/wk	6	MU0612102	Biochemistry
2h/wk	2h/wk	6	MU0612103	Oral histology
2h/wk	2h/wk	6	MU0612104	General histology
2h/wk	1h/wk	4	MU0612105	Dental material

1h/wk	1h/wk	6	MU0612106	Prosthodontics
2h/wk	2h/wk	6	MU0612107	General physiology

Third Stage				
Practical Hours	Theoretical Hours	Credit Units	Course Code	Course Title
2h/wk	1h/wk	4	MU0613101	Community dentistry
2h/wk	1h/wk	4	MU0613102	Dental Radiology
2h/wk	2h/wk	6	MU0613103	General pathology
1h/wk	1h/wk	4	MU0613104	Prosthodontics
2h/wk	1h/wk	4	MU0613105	Oral Surgery
2h/wk	2h/wk	6	MU0613106	Pharmacology
2h/wk	2h/wk	6	MU0613107	Microbiology
2h/wk	1h/wk	4	MU0613108	Preclinical operative dentistry
2h/wk	1h/wk	4	MU0613108	Preclinical fixed prosthesis
-	1h/wk	2	MU0613110	Dental ethics

Fourth Stage				
Practical Hours	Theoretical Hours	Credit Units	Course Code	Course Title

-	1h/wk	2	MU0614107	General medicine
-	1h/wk	2	MU0614105	General Surgery
2h/wk	2h/wk	6	MU0614106	Oral Pathology
3h/wk	1h/wk	6	MU0614103	Oral Surgery
4h/wk	1h/wk	6	MU0614108	Orthodontics
3h/wk	1h/wk	5	MU0614104	Periodontics
2h/wk	1h/wk	4	MU0614109	Pediatric dentistry
3h/wk	1h/wk	5	MU0614101	Prosthodontics
6h/wk	Operative : 22h/ year Endodontic : 8h/ year	8	MU0614102	Operative and esthetic dentistry & endodontic

Fifth stage

Course Title	1st Semester hours/week		2nd Semester hours/week		Total hours/week		Units per semest er
	Theory	Clinical	Theory	Clinical	Theory	Clinical	
1. Prosthodontics	2	6	2	6	60	180	4
2. Restorative Dentistry	2	6	2	6	60	180	4
3. Oral Surgery	2	6	2	6	60	180	4
4. Oral Medicine	2	3	2	3	60	90	3

5. Periodontology	2	6	2	6	60	180	4
6. Pedodontics	2	3	2	3	60	90	3
7. Orthodontics	2	3	2	3	60	90	3
8. Preventive Dentistry	2	3	2	3	60	90	3
9. Graduation research							2
Total	16	36	16	36	480	1080	30

6. Expected Learning Outcomes of the Program	
Knowledge	
A1	Recognize the importance of biomedical sciences as the foundation for understanding human growth, development, and health.
A2	Understand the concepts of oral biology, including the structure and function of teeth and related structures in health and disease.
A3	Comprehend the etiology, pathophysiology, diagnosis, prevention, and treatment of oral diseases, providing students with comprehensive knowledge to enable them to prepare an integrated treatment plan for patients.
A4	Be aware of the latest developments in the field of biomedical sciences and their impact on dental practice, including advancements in dental materials and medical devices
skills	
B1	Promote professional ethics and effective patient interaction among graduates.
B2	Enable students to acquire problem-solving abilities and critical thinking skills.
B3	Foster a continuous and focused commitment to lifelong learning in order to advance their professional development.
B4	Ensure graduates demonstrate a high level of competence in collecting, analyzing, and integrating theoretical information to provide appropriate oral healthcare interventions.
Values	
C1	Develop students' thinking skills, enabling them to understand what is tangible, recognize when, what, and how to think, and improve their ability to reason effectively.
C2	Cultivate critical thinking skills, aimed at identifying a problem, analyzing it logically, and reaching the appropriate solution.
C3	Foster students' awareness of the necessity to balance freedom with responsibility.
C4	Develop the ability to make sound decisions in the best interest of the patient, based on logical reasoning.

7. Teaching and Learning Strategies

1. Teacher-Centered Strategies:

- Direct Instruction: The teacher explains the scientific material to students orally or using various teaching aids, such as whiteboards or presentations.
- Cooperative Learning: The teacher divides students into small groups to work on projects or solve problems collaboratively.
- Project-Based Learning: Students select a project to work on, then plan, research, and implement it.
- Self-Directed Learning: Students take responsibility for their own learning through reading, research, and practice.

2. Student-Centered Strategies:

- Active Learning: Students actively participate in the learning process through questioning, discussions, and hands-on activities.
- Discovery Learning: Students explore knowledge independently through experiments and activities.
- Inquiry-Based Learning: Students pose questions about the world around them and seek answers through investigation.
- Reflective Learning: Students reflect on their educational experiences and connect them to their prior knowledge.

8. Assessment Methods

1. Scientific/Research Reports
2. Oral Examinations
3. Conducting Experiments/Practical Work
4. Open-Ended Questions
5. Final Semester Examinations

9. Academic Staff

Faculty Members

Academic Rank	Specialization		Requirements / Specific Skills (if any)	Number of Faculty Members	
	General	Specificity		staff	Lecturer
Prof. Dr. Athraa Yahya Al-	Dentistry	Oral		staff	

Hijazi		Histology			
Lecturer. Mukhlid Luay Al-Falluji	Dentistry	Pediatric Dentistry		staff	
Assist Lecturer. Mohammed Fares Jabbaz	Dentistry	Physiology		staff	
Prof. Dr. Saad Hasan Mohammed	General medicine and surgery	Clinical Virology Consultant		staff	
Assist. Prof. Dr. Kadhim Jaloub Hasan	General medicine and surgery	General Surgery		staff	
Lecturer. Amjad Kamel Dhamad	Dentistry	Prevention		staff	
Lecturer Dr. Mohammed Ali Shaalan Al-Araji	Dentistry	Oral and maxillofacial Surgery		staff	
Lecturer. Ali Salman Jasim Halous	General medicine and surgery	General Surgery		staff	
Lecturer. Waleed Jasim Abbas	Arts	Arabic Language		staff	
Lecturer. Afrah Abdul Sahib	Dentistry	Oral Medicine		staff	
Lecturer. Alya'a Kadhim Mohammed	Dentistry	Oral Pathology		staff	
Lecturer. Moayad Hashem Matloob	Dentistry	Oral Medicine		staff	
Assistant Lecturer. Hanadi Hadi Jasim Al-Khafaji	Dentistry	Pharmacology		staff	
Assistant Lecturer. Dhamia Jabbar Ahmed Al-Jubouri	Dentistry	Periodontology		staff	
Assistant Lecturer. Ammar Hadi Shaalan Al-Araji	Dentistry	Community Dentistry		staff	
Assistant Lecturer. Uday Mohammed Ghani	Dentistry	Conservative		staff	

Hammadi Al-Asadi		Dentistry			
Assistant Lecturer. Aseel Mohammed Ghazi Al-Khafaji	Dentistry	Oral Pathology			lecturer
Assistant Lecturer. Basem Karim Nasr	Dentistry	Conservative Dentistry		staff	
Assistant Lecturer. Ahmed Diyaa Hatef	Dentistry	Orthodontics		staff	
Assistant Lecturer. Alaa Hashem Abbas	Dentistry	Conservative Dentistry		staff	
Assistant Lecturer. Baha Fawzi Al-Ansari	Dentistry	Dental Prosthetics		staff	
Assistant Lecturer. Sadiq Adi Rahi	Dentistry	Dental Prosthetics		staff	
Assistant Lecturer. Zaid Muhannad Yasser	Dentistry	Periodontology		staff	
Assistant Lecturer. Ali Ihsan Al-Qurashi	Dentistry	Conservative Dentistry		staff	
Assistant Lecturer. Ali Ahmed Talib	Sciences	Microscopic biology		staff	
Assistant Lecturer. Noor Fathi Kazem	Dentistry	Dental Radiology		staff	
Assistant Lecturer. Ahmed Samir Kamel	Dentistry	Dental Prosthetics			Lecturer
Assistant Lecturer. Hasan Issam	Dentistry	Oral Surgery			Lecturer
Assistant Lecturer. Ali Ihsan Hamzah	Sciences	Chemistry			Lecturer

Professional Development
Orientation of New Faculty Members
The orientation process for new, visiting, full-time, and part-time faculty members aims to ensure their smooth integration into the academic work environment and to enhance their engagement in achieving the College's objectives.
Professional Development for Faculty Members
The College's academic and professional development plan for faculty members aims to help them

achieve their full potential and enhance their contributions to the College.
The College of Dentistry believes that faculty development is an investment in both the future of the College and the future of the dental profession.

10. Admission Criteria

or more information about the admission systems for colleges and institutes in Iraq, please refer to the following resources:

- Iraqi Ministry of Higher Education and Scientific Research: <https://moheer.gov.iq/>
- General Authority for Central Admissions: <https://www.dirasat-gate.org/index.html>
- Guide to Universities and Colleges in Iraq: <https://cku.atu.edu.iq/?p=5896>

11. Key Sources of Information About the Program

12. Program Development Plan

The development plan for the Academic Program and Course Description Guide of the College of Dentistry aims to achieve the following objectives:

- Provide accurate and up-to-date information for students, faculty members, and staff.
- Ensure alignment of programs and specializations with international quality standards.
- Meet the needs of the labor market for graduates of the College of Dentistry.
- Enhance the planning, implementation, and management of academic programs.
- Strengthen communication among faculty members, students, and staff..

Program Skills Framework

Expected Learning Outcomes of the Program															
Values				Skills				Knowledge				Core Elective	Course Title	Course Code	Year / stage
C4	C3	C2	C1	B4	B3	B2	B1	A4	A3	A2	A1				
√	√	√	√	√	√	√	√			√	√	Core	Human anatomy	MU0611101	First Stage
		√	√				√			√	√	Core	Dental anatomy	MU0611102	
√	√	√	√		√	√	√		√	√	√	Core	Biology	MU0611103	
√	√	√	√	√	√	√	√			√	√	Core	Computer	MU0611104	
√	√	√	√	√	√	√	√			√	√	Core	English language	MU0611105	
√	√	√	√	√	√			√	√	√	√	Core	Human right	MU0611106	
√	√	√	√		√	√	√			√	√	Core	chemistry	MU0611107	
√	√	√	√	√	√	√	√			√	√	Core	Arabic language	MU0611108	
		√	√			√				√	√	Core	Dental anatomy	MU0611109	
√	√	√	√	√	√	√	√			√	√	Core	Human anatomy	MU0612101	Second Stage
√	√	√	√	√	√	√		√	√	√	√	Core	Biochemistry	MU0612102	
√	√			√	√	√	√			√	√	Core	Oral histology	MU0612103	
		√	√		√	√	√			√	√	Core	General histology	MU0612104	

		√	√	√	√			√	√	√		Core	Dental material	MU0612105	
√	√	√	√			√	√			√	√	Core	Prosthodontics	MU0612106	
		√	√	√		√	√			√	√	Core	General physiology	MU0612107	
	√	√	√		√	√	√		√	√	√	Core	Community dentistry	MU0613101	Third Stage
			√	√	√	√			√	√	√	Core	Dental radiology	MU0613102	
	√			√	√	√	√		√	√	√	Core	General pathology	MU0613103	
√	√	√	√	√	√			√	√	√		Core	Prosthodontic	MU0613104	
			√		√	√	√		√	√	√	Core	Oral surgery	MU0613105	
		√	√			√	√	√	√	√	√	Core	Pharmacology	MU0613106	
		√	√		√	√	√	√	√	√	√	Core	Microbiology	MU0613107	
		√	√			√	√			√	√	Core	Conservative dentistry	MU0613108	
		√	√			√	√		√	√	√	Core	General medicine	MU0614101	Fourth Stage
√	√		√	√	√	√			√	√	√	Core	General surgery	MU0614102	
√	√			√	√	√	√	√	√	√	√	Core	Oral pathology	MU0614103	
√	√			√	√		√	√	√	√	√	Core	Oral surgery	MU0614104	
			√	√	√					√	√	Core	Orthodontics	MU0614105	
√	√			√	√		√			√	√	Core	Pediatric dentistry	MU0614106	

√		√	√		√	√	√		√	√		Core	Periodontics	MU0614107	
√	√		√		√	√	√		√	√		Core	Prosthodontic	MU0614108	
√	√	√	√	√	√	√	√	√	√		√	Core	Conservative dentistry	MU0614109	
√	√	√	√		√	√	√		√	√	√	Core	Prosthodontic	MU0615101	Fifth stage
√		√	√	√	√		√		√	√	√	Core	Oral medicine	MU0615105	
√	√	√	√	√	√	√	√		√	√	√	Core	Oral surgery	MU0615101	
√	√		√	√		√	√		√	√	√	Core	Orthodontics	MU0615102	
√	√	√	√	√		√	√	√	√		√	Core	Pediatric dentistry	MU0615103	
√	√		√		√	√	√		√	√	√	Core	Preventive dentistry	MU0615106	
√	√		√	√			√		√		√	Core	Periodontics	MU0615107	
√	√	√		√	√	√	√	√		√	√	Core	Conservative dentistry	MU0615108	

