

**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

2024

Academic Program Description Form

University Name: Islamic University in Najaf

Faculty/Institute: Faculty Of Dentistry

Scientific Department: Department of prosthodontics

Academic or Professional Program Name: Dentistry Program

Final Certificate Name: Bachelor of Dental Surgery (BDS)

Academic System: Annual

Description Preparation Date: 24/3/2024

File Completion Date: 24/3/2024

Signature:

Head of Department Name:

Date:

Signature:

Scientific Associate Name:

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

The Faculty of Dentistry - Islamic University of Najaf Al-Ashraf aims to provide students with basic knowledge in treating diseases of the mouth, teeth, face, jaws and their surroundings. It also trains them in an ideal way to carry out the theoretical information they received during their studies into practical training.

تهدف كلية طب الاسنان -الجامعة الاسلامية في النجف الاشرف الى تزويد الطلبة بالمعارف الأساسية في علاج امراض الفم والاسنان والوجه والفكين وما حولهم .كذلك تدريبهم بصورة مثالية لإنجاز ما يحملونه من المعلومات النظرية التي تلقوها اثناء دراستهم الى تدريب عملي.

2. Program Mission

Oral and dental health is of great importance to public health. Therefore, the College of Dentistry seeks to raise its students to high scientific levels, train them with the latest diagnostic and treatment techniques, and give them the scientific and practical skills necessary to perform this great service to the fullest extent in serving the patient and society, with an emphasis on commitment to professional ethics and instilling values. Humanitarian and Islamic, which contributes to the benefit of the individual and society in this world and the hereafter, and for the purpose of preparing competent dentists in Iraqi health institutions.

ان لصحة الفم والاسنان أهمية كبيرة على صحة العامة وعليه فان كلية طب الاسنان تسعى الى الارتقاء بطلابها الى مستويات علمية عالية وتدريبهم بأحدث تقنيات التشخيص والعلاج ومنحهم المهارات العلمية والعملية اللازمة لأداء هذه الخدمة الجليلة على اكمل وجه خدمة للمريض والمجتمع مع التأكيد على الالتزام بأخلاقيات المهنة وزرع القيم الإنسانية والإسلامية التي تسهم في منفعة الفرد والمجتمع في الدنيا والاخرة ولغرض اعداد أطباء اسنان اكفاء في المؤسسات الصحية العراقية.

3. Program Objectives

1. Giving college graduates the information and experience that will enable them to perform their duties to serve the community by working in various health institutions.
2. Giving graduates knowledge of continuing education.
3. Seeding human and Islamic values in the souls of male and female students for the benefit of the individual and society in this world and the hereafter.
4. The graduate should strive to provide a distinguished service to the patient, as the treatment depends on the actual results of his work.
5. Giving the graduate additional information surrounding his specialty, as this expands his scientific horizons and gives him a real evaluation of the results of his work.

1. منح خريجي الكلية المعلومات والخبرات التي تمكنهم من أداء واجباتهم لخدمة المجتمع من خلال العمل بالمؤسسات الصحية المختلفة.
2. منح الخريجين معرفة التعليم المستمر.
3. بذر القيم الإنسانية والإسلامية في نفوس الطلبة والطالبات بما فيه منفعة الفرد والمجتمع في الدنيا والآخرة.
4. ان يسعى الخريج على تقديم خدمة مميزة للمريض كون العلاج مرهون بالنتائج الفعلية لعمله.
5. منح الخريج المعلومات الإضافية التي تحيط باختصاصه كون ذلك يوسع افافة العلمية ويمنحه التقييم الحقيقي لنتائج عمله.

4. Program Accreditation

Till now the program have not get a program accreditation

5. Other external influences

There is no sponsor for the program (self-funded)

6. Program Structure				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	3	6		
College Requirements	44	225		Basic requirement
Department Requirements	Same	Same		
Summer Training	All courses of 4th & 5th year			8 weeks of clinical training
Other				

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

7. Program Description				
Year/Level	Course	Course Name	Credit Hours	
			theoretical	practical
First year		Medical chemistry	2	2
		Medical Physics	2	2
		Biology	2	2
		Dental Anatomy	2	2
		Human Anatomy	1	2
		Computer	1	2
		Human Rights	1	-
		Arabic Language	1	-
		English Language	1	-
		Islamic thoughts	1	-

Second year				
		Human Anatomy	1	2
		Biochemistry	2	2
		Oral histology and embryology	2	2
		General Histology	2	2
		Dental Material	1	2
		Prosthodontics	1	4
		General Physiology	2	2
		جرائم حزب البعث	1	-
		التلاوة	1	-
Third year				
		Community Dentistry	1	2
		Dental radiology	1	2
		General Pathology	2	2
		Prosthodontics	1	3
		Oral Surgery	1	2
		Pharmacology	2	2
		Microbiology	2	2
		Conservative Dentistry	2	4
		Dental Ethics	1	-
		Aqaeed	1	-
Fourth year				
		General Medicine	1	2
		General Surgery	1	2
		Oral Pathology	2	3
		Oral Surgery	1	4
		Orthodontics	1	4

		Pediatric Dentistry	1	2
		Periodontics	1	3
		Prosthodontics	1	3
		Conservative Dentistry	1	6
Fifth year				
		Prosthodontics	1	6
		Oral Medicine	1	4
		Oral Surgery	1	6
		Orthodontics	1	4
		Pediatric Dentistry	1	3
		Preventive Dentistry	1	3
		Periodontics	1	3
		Conservative Dentistry	1	6
		Research Project	1	-

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Demonstrate comprehensive understanding of dental sciences, including anatomy, physiology, pathology, and pharmacology, informed by current academic literature and research findings.
Learning Outcomes 2	Apply evidence-based principles in diagnosing and treating dental conditions, integrating theoretical knowledge with practical clinical experience.
Learning Outcomes 3	Analyze and interpret complex dental data and research outcomes to inform decision-making in patient care and treatment planning.
Learning Outcomes 4	Exhibit proficiency in dental technology and methodologies, staying abreast of advancements and innovations in the field through continuous professional development.
Skills	
Learning Outcomes 5	Perform dental procedures with precision and competence, adhering to established protocols and safety standards in clinical settings.

Learning Outcomes 6	Communicate effectively with patients, colleagues, and interdisciplinary teams, demonstrating empathy, cultural sensitivity, and professionalism in all interactions.
Learning Outcomes 7	Utilize critical thinking and problem-solving skills to address diverse patient needs and challenges, adapting approaches based on individual circumstances.
Learning Outcomes 8	Collaborate with other healthcare professionals to deliver integrated care, recognizing the interconnectedness of oral health with overall health outcomes.
Ethics	
Learning Outcomes 9	Uphold ethical principles and professional standards in all aspects of dental practice, maintaining integrity, honesty, and confidentiality in patient care and interactions.
Learning Outcomes 10	Demonstrate respect for patient autonomy and informed consent, ensuring shared decision-making and promoting patient empowerment.
Learning Outcomes 11	Recognize and navigate ethical dilemmas and conflicts of interest effectively, seeking guidance when necessary to uphold the highest standards of ethical conduct.
Learning Outcomes 12	Engage in reflective practice and self-assessment to continuously improve ethical awareness, sensitivity, and decision-making in the provision of dental care

9. Teaching and Learning Strategies

Lecture-Based Instruction: Utilization of traditional lectures to convey foundational knowledge in dental sciences and theoretical concepts.

Laboratory Sessions: to provide opportunities for students to practice technical skills, such as dental procedures, instrument handling, and diagnostic techniques.

Clinical Practice: Hands-on training in clinical settings to develop practical skills and competencies under the supervision of experienced faculty and clinicians.

Problem-Based Learning (PBL): to facilitate active student engagement, critical thinking, and problem-solving skills development in real-world dental scenarios.

Small Group Discussions: to encourage peer interaction, collaboration, and the exploration of complex dental cases or ethical dilemmas.

Interdisciplinary Collaboration: to foster collaboration between dental students and other healthcare professionals, promoting holistic patient care approaches.

Self-Directed Learning: Encouragement of self-directed learning through independent study, research projects, and literature reviews, promoting lifelong learning habits and professional development.

Clinical Case Presentations: Student-led presentations of clinical cases, encouraging critical analysis, evidence-based reasoning, and effective communication skills in conveying diagnosis, treatment planning, and outcomes.

Technology Integration: Incorporation of digital resources, multimedia presentations, and e-learning platforms to enhance accessibility, engagement, and interaction in the learning process.

10. Evaluation methods

Formative Assessments: Regular quizzes, assignments, and in-class activities to monitor student progress throughout the program.

Summative Examinations: Comprehensive written and practical exams at predetermined intervals to assess mastery of knowledge and skills acquired during specific periods of instruction.

Clinical Competency Assessments: Direct observation and evaluation of student performance in clinical settings by faculty and preceptors, assessing competency in patient care, treatment planning, and professionalism.

Portfolio Assessment (clinical & laboratory requirements): Evaluation of the supervised and signed requirements in the form of cases of specific criteria listed in each clinical course.

Objective Structured Clinical Examinations (OSCEs): it is conducted in simulated clinical settings to evaluate clinical competence, procedural skills, communication, and professionalism.

Objective Structured Practical Examinations (OSPEs): OSPEs conducted to assess practical skills and competencies in laboratory or simulation settings, utilizing structured stations and standardized evaluation criteria.

Research Projects: Completion of a student research project that is written and presented and later discussed with a supervisor committee. This projects will require students to demonstrate advanced knowledge, critical thinking, research skills, and scholarly writing in a specific area of dental practice or research.

11.Faculty						
Faculty Members						
Academic Rank	Specialization		Special Requirements/ Skills		Number of the teaching staff	
	General	Special			Staff	Lecturer
Prof. Mohamed Alkhafagy	prosthodontics		-	-	Yes	
Prof. Ehab A. Elsaih	prosthodontics		-	-	Yes	
Prof. Saad Elghazawy	Dental Biomaterial		-	-	Yes	
Dr. Alaa ElGhoraby	prosthodontics		-	-		Yes
Dr Hidar Elbhash	prosthodontics		-	-		Yes
Dr. Amaar Elnafakh	prosthodontics		-	-		Yes

Professional Development

Mentoring new faculty members

Structured Orientation Programs: Design and implementation of comprehensive orientation programs to familiarize new faculty members with institutional policies, procedures, resources, and expectations.

Mentorship Pairing: Pairing of experienced faculty mentors to new faculty members for personalized guidance, support, and advice tailored to individual needs and goals.

Regular Meetings: Scheduling of regular meetings between mentors and mentees to discuss progress, challenges, goals, and professional development opportunities.

Observation and Feedback Sessions:

Facilitation of classroom observations and feedback sessions where mentors provide constructive feedback on teaching methods, classroom management, and student engagement.

Scheduled students surveys on faculty member-student communication and methods and technologies used in teaching.

Practicing effective participation in all teaching and evaluation activity, Quality accreditation documents preparation, continuous education program, and student research projects

Professional development of faculty members

Orientation Programs: Comprehensive orientation sessions covering institutional policies, procedures, resources, and expectations for teaching, research, and service roles.

Mentorship Programs: Pairing new faculty members with experienced mentors to provide guidance, support, and advice on navigating academic responsibilities, developing teaching skills, and establishing a successful career trajectory.

Workshops and Seminars: Offering workshops and seminars focused on pedagogy, curriculum development, assessment methods, scholarly writing, grant writing, and other relevant topics to enhance teaching, research, and professional skills.

Professional Conferences and Meetings: Encouraging participation in professional conferences, academic meetings, and disciplinary gatherings to network with colleagues, present research findings, and stay abreast of current trends and developments in the field.

Online Resources and Courses: Offering access to online resources, webinars, and professional development courses covering topics such as instructional technology, online teaching methodologies, academic leadership, and career advancement strategies.

Annual Performance Reviews: Conducting regular performance reviews to assess progress, identify areas for improvement, set professional development goals, and provide support for achieving career milestones and objectives.

12. Acceptance Criterion

Student enrollment regulations

13. The most important sources of information about the program

- Iraqi national standard for accreditation of medical colleges (*August 2016*).
- A guide for accreditation of medical colleges, Iraq by national council for accreditation of medical colleges ncamc ncamc@asse.edu.iq (2016).
- Text books for basic sciences and different specialties both laboratory and clinical (enrolled in each course specifications).

14. Program Development Plan

Curriculum Review and Enhancement:

- Conduct a comprehensive review of the dental program curriculum to ensure alignment with current best practices, accreditation standards, and emerging trends in dental education.
- Identify opportunities for curriculum enhancement, including the integration of new technologies and experiential learning opportunities.

Faculty Members Development Initiatives:

- Implement faculty development programs focused on enhancing teaching effectiveness, curriculum design, assessment methods, and the integration of evidence-based practices into instruction.
- Provide opportunities for faculty members to engage in professional development workshops and research collaborations to support their academic growth and career advancement.

Clinical Training Optimization:

- Evaluate and optimize clinical training experiences to ensure students acquire the necessary competencies and skills required for professional practice.
- Enhance clinical supervision, patient interaction, and case-based learning experiences through faculty training, standardized patient programs, and simulation-based training.

Student Support Services:

- Expand student support services, including academic advising, tutoring, counseling, and career development resources, to promote student success, well-being, and retention within the program.

Continuous Quality Improvement:

- Implement mechanisms for ongoing program evaluation and continuous quality improvement, including student feedback mechanisms, outcomes assessment, and stakeholder engagement.
- Utilize data-driven decision-making processes to identify areas for improvement, address challenges, and enhance the overall quality and effectiveness of the dental program.

Accreditation Assessment:

- Ensure accreditation standards and guidelines by establishing robust assessment processes, documentation procedures, and quality assurance measures.

Community Engagement:

Strengthen partnerships with community organizations, dental clinics, and public health agencies to provide students with opportunities for service learning, community engagement, and outreach activities.

Program Skills Outline															
				Required program Learning outcomes											
Year/ Level	Course	Course Name	Basic or optio	Knowledge				Skills				Ethics			
				A	A	A	A	B	B	B	B	C1	C	C	C
First year		Medical Chemistry	Basic	√	√	√	√								
		Medical Physics	Basic	√	√	√	√								
		Biology	Basic	√	√	√	√								
		Dental Anatomy	Basic	√	√	√	√	√	√	√	√				
		Human Anatomy	Basic	√	√	√	√	√	√	√	√				
		Computer	Basic	√	√	√	√	√	√	√	√				
		Human Rights	Basic	√	√	√	√					√	√		
		Arabic Language	Basic	√	√	√	√	√	√	√	√				
		English Language	Basic	√	√	√	√	√	√	√	√				
Second year		Human Anatomy	Basic	√	√	√	√	√	√	√	√				
		Biochemistry	Basic	√	√	√	√								
		Oral histology and embryology	Basic	√	√	√	√	√	√	√	√				
		General Histology	Basic	√	√	√	√	√	√	√	√				
		Dental Material	Basic	√	√	√	√	√	√	√	√				
		Prosthodontics	Basic	√	√	√	√	√	√	√	√	√	√		
		General Physiology	Basic	√	√	√	√								
		جرائم حزب البعث	Basic	√	√	√	√								
		التلاوة	Basic	√	√	√	√								

• Please tick the boxes corresponding to the individual program learning

Program Skills Outline															
				Required program Learning outcomes											
Year/ Level	Course	Course Name	Basic or optio	Knowledge				Skills				Ethics			
				A	A	A	A	B	B	B	B	C1	C	C	C
Third year		Community Dentistry	Basic	√	√	√	√					√	√		

year		Dental radiology	Basic	✓	✓	✓	✓	✓	✓						
		General	Basic												
		Prosthodontics	Basic	✓	✓	✓	✓	✓	✓	✓	✓				
		Oral Surgery	Basic	✓	✓	✓	✓	✓	✓						
		Pharmacology	Basic	✓	✓	✓	✓								
		Microbiology	Basic	✓	✓	✓	✓	✓	✓	✓	✓				
		Conservative Dentistry	Basic	✓	✓	✓	✓	✓	✓	✓	✓				
		Dental Ethics	Basic	✓	✓	✓	✓					✓	✓	✓	✓
		Aqaeed	Basic	✓	✓	✓	✓					✓	✓	✓	✓
Fourth year		General Medicine	Basic	✓	✓	✓	✓								
		General Surgery	Basic	✓	✓	✓	✓								
		Oral Pathology	Basic	✓	✓	✓	✓	✓	✓	✓					
		Oral Surgery	Basic	✓	✓	✓	✓	✓	✓	✓		✓	✓		
		Orthodontics	Basic	✓	✓	✓	✓	✓	✓						
		Pediatric Dentistry	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Periodontics	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Prosthodontics	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		Conservative Dentistry	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Fifth year		Prosthodontics	Basic	✓	✓	✓	✓	✓	✓	✓			✓	✓	
		Oral Medicine	Basic	✓	✓	✓	✓	✓	✓	✓			✓	✓	
		Oral Surgery	Basic	✓	✓	✓	✓	✓	✓	✓			✓	✓	
		Orthodontics	Basic	✓	✓	✓	✓	✓	✓	✓			✓	✓	
		Pediatric Dentistry	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Preventive Dentistry	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Periodontics	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Conservative Dentistry	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓			
		Research Project	Basic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<p>• Please tick the boxes corresponding to the individual program learning</p>															

