

**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**

## **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, quarterly), as well as the adoption of the academic program description circulated according to the letter of the Department of Studies T 3/2906 on 3/5/2023 regarding the programs that adopt the Bologna Process as the basis for their work.

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:** Ibn-Sina of medical and pharmaceutical sciences

**Faculty/Institute:** dentistry

**Scientific Department:** clinical department

**Academic or Professional Program Name:** periodontics for fourth stage

**Final Certificate Name:** master

**Academic System:** annual

**Description Preparation Date:** 15\10\2024

**File Completion Date:** 6\11\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 students will receive complete information about periodontal diseases and their diagnosis to reach a proper treatment plan

### 2. Program Mission

The students will be trained to diagnose periodontal diseases in their different stages to treat them using manual instruments and ultrasonic devices

### 3. Program Objectives

Full information about periodontology is given, structure, histology and pathology of periodontium, periodontal diseases with the factors and predisposing factors affecting these diseases with up to date classification of periodontal diseases using specific indices in order to reach accurate diagnosis for appropriate treatment plan.

In dental clinic, full demonstration is given regarding manipulation of periodontal instrument, patient management, manual technique of calculus removal, sterilization in addition to instruction and motivation in periodontal clinic.

### 4. Program Accreditation

### 5. Other external influences

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6. Program Structure				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	30 lectures	75hours	5 unites	
College Requirements				
Department Requirements				
Summer Training				
Other				

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

7. Program Description				
Year/Level	Course Code	Course Name	Credit Hours	
2024-2025		periodontics	1	theory
			3	clinical

8. Expected learning outcomes of the program	
<b>Knowledge</b>	
<b>Skills</b>	
<b>Ethics</b>	



### 11. Evaluation methods

- 1–quiz
- 2–Semester exams
- 3–Grades for work in clinics

### 12. Faculty

#### Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
lecturer		Master				

### 9. Teaching and Learning Strategies

- 1– PowerPoint lectures
- 2– Discussion method
- 3– Report method
- 4– Workshop method
- 5– Practical training in educational clinics in the college

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<b>Professional Development</b>
<b>Mentoring new faculty members</b>
<b>Professional development of faculty members</b>

<b>13. Acceptance Criterion</b>

<b>14. The most important sources of information about the program</b>
Newman and Carranza's periodontology and implantology
Lindhe's clinical periodontology and implant dentistry
Electronic resources

<b>15. Program Development Plan</b>

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
		periodontics	basic												

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

## Course Description Form

<b>1. Course Name:</b>	
periodontics\ 4 <sup>th</sup> stage	
<b>2. Course Code:</b>	
<b>3. Semester / Year:</b>	
year	
<b>4. Description Preparation Date:</b>	
14\10\2024	
<b>5. Available Attendance Forms:</b>	
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>	
75 hours\5 credits	
<b>7. Course administrator's name (mention all, if more than one name)</b>	
Name: Khulood Waleed Abdul Rahman Email: dr_khuloodwaleed@yahoo.com	
<b>8. Course Objectives</b>	
<b>Course Objectives</b>	<p><b>Full information about periodontology is given, structure, histology and pathology of periodontium, periodontal diseases with the factors and predisposing factors affecting the diseases with upto date classification of periodontal diseases using specific indices in order to reach accurate diagnosis for appropriate treatment plan.</b></p> <p><b>In dental clinic, full demonstration is given regarding manipulation of periodontal instruments, patient management, manual technique of calculus removal, sterilization in addition instruction and motivation in periodontal clinic.</b></p>
<b>9. Teaching and Learning Strategies</b>	

<b>Strategy</b>	<p>1- PowerPoint lectures</p> <p>2- Discussion method</p> <p>3- Report method</p> <p>4- Workshop method</p> <p>5- Practical training in educational clinics in the college</p>
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### 10- Course Structure

weeks	hours	Required learning outcomes	Unit or subject name	Learning method	Evaluation method
1	1 theory 3 clinical	Terms & definitions frequently used in periodontology	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
2	1 theory 3 clinical	Anatomy of the periodontium, oral mucosa	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
3	1 theory 3 clinical	Anatomy of the periodontium , Periodontal ligaments (PDL)	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
4	1 theory 3 clinical	Anatomy of the periodontium -Cementum	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
5	1 theory 3 clinical	Anatomy of the periodontium -Alveolar process	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams

6	1 theory 3 clinical	Periodontal instruments and sharpening	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
7	1 theory 3 clinical	Classification of periodontal diseases and conditions (2017) reasons for classification	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
8	1 theory 3 clinical	Periodontal indices	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
9	1 theory 3 clinical	Classification of periodontal diseases and conditions (2017), periodontitis.	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
10	1 theory 3 clinical	Periodontal abscess.	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
11	1 theory 3 clinical	Periodontal disease pathogenesis	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
12	1 theory 3 clinical	Dental plaque biofilm.	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
13	1 theory 3 clinical	Microbiologic specificity of periodontal diseases	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
14	1 theory 3 clinical	Dental calculus	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams

15	1 theory 3 clinical	Dental stain	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
16	1 theory 3 clinical	Risk factors for periodontal diseases.	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
17	1 theory 3 clinical	Molecular biology of host-microbe interactions.	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
18	1 theory 3 clinical	Smoking and Periodontal Disease	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
19	1 theory 3 clinical	Impact of periodontal infection on systemic health	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
20	1 theory 3 clinical	Periodontal disease and asthma	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
21	1 theory 3 clinical	The periodontal pocket	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
22	1 theory 3 clinical	Periodontal disease activity.	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
23	1 theory 3 clinical	Treatment plan guidelines § - Phase 1	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
24	1 theory 3 clinical	Treatment plan guidelines	periodontics	Theoretical lecture using Power Point,	Short, semester,

		- Phase 2		discussion, workshop and practical training in educational clinics	mid-term and final exams
25	1 theory 3 clinical	Treatment plan guidelines - Phase 3	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
26	1 theory 3 clinical	Treatment plan guidelines - Phase 4	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
27	1 theory 3 clinical	Plaque biofilm control for the periodontal patient	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
28	1 theory 3 clinical	Chemical plaque biofilm control with oral rinses	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
29	1 theory 3 clinical	Breath Malodor (Halitosis)	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams
30	1 theory 3 clinical	Systemic anti-infective therapy for periodontal diseases	periodontics	Theoretical lecture using Power Point, discussion, workshop and practical training in educational clinics	Short, semester, mid-term and final exams

### 11–Course Evaluation

Marks distribution as follows:

25 marks for quizzes, semesters exams and clinical requirement for both first and second semesters.

15 marks for mid- year exam.

60 marks for final exam

Total mark= 100 marks

### 12–Learning and Teaching Resources

Required textbooks (curricular books, if any)

Newman and Carranza's periodontology and implantology

Main references (sources)



Recommended books and references (scientific journals, reports...)	Lindhe's clinical periodontology and implant dentistry
Electronic References, Websites	