

**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 Sciences

**Academic or Professional Program Name:** Restorative and Esthetic Dentistry

**Final Certificate Name:** BDS

**Academic System:** Yearly based

**Description Preparation Date:** 4.11.2024

**File CompletionDate:** 6.11.2024

**Signature:**

**Head of DepartmentName:**

**Date:**

**Signature:**

**Scientific Associate Name:**

**Ass. Lec. Mohammed Q. Albagdaly**

**Date:** 6.11.2024

**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

Program vision is written here as stated in the university's catalogue and website.

### 2. Program Mission

Program mission is written here as stated in the university's catalogue and website.

### 3. Program Objectives

General statements describing what the program or institution intends to achieve.

### 4. Program Accreditation

Does the program have program accreditation? And from which agency?

### 5. Other external influences

Is there a sponsor for the program?

### 6. Program Structure

Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements				
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	
4th		Conservative dentistry	theoretical	practical

8. Expected learning outcomes of the program	
<b>Knowledge</b>	
Learning Outcomes 1	Obtain important basic knowledge on endodontics and obtain advanced knowledge on operative procedures
<b>Skills</b>	
Learning Outcomes 2	Ability to diagnose and making optimum management of dental caries
Learning Outcomes 3	Ability to diagnose and make treatment plan in endodontics
<b>Ethics</b>	
Learning Outcomes 4	To perform his/her best in achieving proper management for operative condition using updated evidence based practice
Learning Outcomes 5	Understand his/ her practice limits and knows when to treat and when to refer to a specialist

9. Teaching and Learning Strategies
Teaching and learning strategies and methods adopted in the implementation of the program in general.

10. Evaluation methods
Implemented at all stages of the program in general.

11. Faculty

<b>Faculty Members</b>						
Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
Ass. Lec.	Restorative and esthetic dentistry	Endodontics			2	1

<b>Professional Development</b>
<b>Mentoring new faculty members</b>
Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.
<b>Professional development of faculty members</b>
Briefly describe the academic and professional development plan and arrangements for faculty such as teaching and learning strategies, assessment of learning outcomes, professional development, etc.

<b>12. Acceptance Criterion</b>
<b>(Setting regulations related to enrollment in the college or institute, whether central admission or others)</b>

<b>13. The most important sources of information about the program</b>
State briefly the sources of information about the program.

<b>14. 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
4th		Operative dentistry	Basic	X					X				X		
4th		Endodontics	Basic	X						X			X		

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

## Course Description Form

<b>1. Course Name:</b>					
Operative dentistry and endodontics					
<b>2. Course Code:</b>					
<b>3. Semester / Year:</b>					
202 <sup>ξ</sup> -202 <sup>ο</sup>					
<b>4. Description Preparation Date:</b>					
6.11.2024					
<b>5. Available Attendance Forms:</b>					
Lectures and educational clinics					
<b>6. Number of Credit Hours (Total) / Number of Units (Total)</b>					
Theory: 1hr, clinical: 3hr Number of units (per week): thoery: 1, practical: 3					
<b>7. Course administrator's name (mention all, if more than one name)</b>					
Name: Mohammed Q. Albagdaly Email:mkmdent@ibnsina.edu.iq					
<b>8. Course Objectives</b>					
<b>Course Objectives</b>		<b>To outline the field of operative dentistry practice</b> <b>To enable undergraduate students to identify common operative problems</b> <b>To teach student management of common outpatient operative problems</b>			
<b>9. Teaching and Learning Strategies</b>					
<b>Strategy</b>		To incorporate theoretical knowledge with problem solving thinking through student-based learning abilities, and acquiring important basic operative skills			
<b>10. Course Structure</b>					
<b>Week</b>	<b>Hours</b>	<b>Required Learning Outcomes</b>	<b>Unit or subject name</b>	<b>Learning method</b>	<b>Evaluation method</b>
30	4	to obtain important basic knowledge on different operative and endodontic procedure and being able to perform basic	Operative dentistry and endodontics	Power point lectures and clinical operative procedures	Quizzes, on weekly basis, midyear and final year theoretical exams, and final year

		operative procedures			oral practical clinical exam
<b>11. Course Evaluation</b>					
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, dailyoral, monthly, or written exams, reports ....etc					
<b>12. Learning and Teaching Resources</b>					
Required textbooks (curricular books, if any)		Summitt's fundamentals of operative dentistry: A contemporary approach. 4th edition.			
Main references (sources)		1- Dental composite materials for direct restorations. Vesna Miletic Springer, eBook, 2018. 2- Textbook of operative dentistry. 3rd edition. Nisha Garg, Amit Garg. 3- Cohen's Pathways of the Dental Pulp. 12th ed. Louis H. Berman and Kenneth M. Hargreaves. 4- Textbook of Endodontics. 2nd ed. 2010. Nisha Garg, Amit Garg.			
Recommended books and references (scientific journals, reports...)					
Electronic References, Websites					