

**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: Dental material**

**Final Certificate Name: master**

**Academic System: annual**

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

**File Completion Date: 6\11\2024**

**Signature:**  
**Head of Department Name:**

**Signature:**  
**Scientific Associate Name:**

**Date:**

**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 dental lecture and clinic allow the student know about dental materials and there composition also the attraction of material to each other , take information about dealing with these material in dental clinic.

#### **2. Program Mission**

Describe how to deal with dental material and know the composition to deal with it, equipment and materials used in making complete and partial dentures and filling material the student how to use them.

#### **3. Program Objectives**

To learn how the material that used in dentistry also how can make complete & partial dentures, filling and to learn about the terms used in explaining the curriculum, which are used for four years of study, starting from the second stage until the fifth stage.

<b>4. Program Accreditation</b>

<b>5. Other external influences</b>

<b>6. Program Structure</b>				
Program Structure	Number of Courses	Credit hours	Percentage	Reviews*
Institution Requirements	<b>30 lectures</b>	<b>120 hours</b>	<b>5 unites</b>	
College Requirements				
Department Requirements				
Summer Training				
Other				

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

<b>7. Program Description</b>				
Year/Level	Course Code	Course Name	Credit Hours	
2024-2025		Dental material	<b>1</b>	<b>theory</b>
			<b>1</b>	<b>clinical</b>

<b>8. Expected learning outcomes of the program</b>	
<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 of conservative dental science			

### 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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#### Professional Development

##### Mentoring new faculty members

##### Professional development of faculty members



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<b>13. Acceptance Criterion</b>
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<b>14. The most important sources of information about the program</b>
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| 1-Basic dental material<br>2- Biocompatibility of dental material |
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<b>15. Program Development Plan</b>
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### 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		
		prosthodontics	basic														

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

## Course Description Form

1. Course Name:	
Dental material /2 <sup>nd</sup> stage	
2. Course Code:	
3. Semester / Year:	
Year	
4. Description Preparation Date:	
14\10\2024	
5. Available Attendance Forms:	
6. Number of Credit Hours (Total) / Number of Units (Total)	
120 hours\5 credits	
7. Course administrator's name (mention all, if more than one name)	
Name: Safa Salam Abdulameer Email: Dr.safaalobaidy@gmail.com	
8. Course Objectives	
Course Objectives	<input type="checkbox"/> <b>Theoretically the students will take lectures about the dental material and how can deals w these material and study of the composition and properties of materials and the way in which they interact with the environment</b>  <input type="checkbox"/> <b>In lab the students will have introduction to material and their sculpture work in the together with written evaluation.</b>
9. Teaching and Learning Strategies	

<b>Strategy</b>	<ul style="list-style-type: none"> <li>1- PowerPoint lectures</li> <li>2- Discussion method</li> <li>3- Report method</li> <li>4- Workshop method</li> <li>5- Practical training in educational clinics in the college</li> </ul>
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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	Introduction to dental material	Dental material	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	Physical and Mechanical Properties of Dental Materials	Dental material	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	Stress- strain curve	Dental material	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	Terminology	Dental material	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	Impression Materials	Dental material	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	Impression Materials	Dental material	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	Elastic impression material	Dental material	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	Elastic impression material	Dental material	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	Waxes and Investments	Dental material	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	Polymers	Dental material	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	Investment Materials	Dental material	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	Relining materials	Dental material	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	Preventive materials	Dental material	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	Filling Materials	Dental material	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	Maxillofacial Prosthesis Materials	Dental material	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	Dental implant	Dental material	Theoretical lecture using Power Point,	Short, semester,

				discussion, workshop and practical training in educational clinics	mid-term and final exams
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<b>11- Course Evaluation</b>	
Distribution as follows: 25 marks for daily and monthly exams and practical requirements for the first and second semesters. 15 marks for mid-year exams. 60 marks for final exams = 100 marks	
<b>12- Learning and Teaching Resources</b>	
Required textbooks (curricular books, if any)	1-Basic dental material 2-Biocompatibility of dental material
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	