**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 sinces**.....

**Faculty/Institute**: ....**dentistry**.....

**Scientific Department**: …**clinical department**……

**Academic or Professional Program Name**: .**dental anatomy for first 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 dental practice and laboratory work seeks to provide complete |

information about the process of making an anterior and posterior teeth with their shapes ,geometry a and then sculpture them into realistic forms , making the practical steps easy and clear for the student through its application .

## 2. Program Mission

Describe how to deal with teeth morphology by sculpturing them into models of wax using different dental tools and equipment, such practice training the students how to do the restoration carving and constriction.

## 3. Program Objectives

- to learn how to make wax sculpture model for anterior and posterior teeth and to learn about the terms in explaining the curriculum, which are used for 5 years studying starting from first year until the fifth year .

## 4. Program Accreditation

## 5. Other external influences

## 6. Program Structure

| Program Structure | Number of Courses | Credit hours | Percentage | Reviews* |
|---|---|---|---|---|
| Institution Requirements | 30 lectures | 120 hours | 4 | |

| | | | | |
|---|---|---|---|---|
| **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 | | Dental anatomy | theoretical | practical |
| | | | 2h/wk. | 2h/wk. |

## 8. Expected learning outcomes of the program

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|---|---|
| **Knowledge** | |
| | |
| **Skills** | |
| | |
| | |
| **Ethics** | |
| | |
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## 9. Teaching and Learning Strategies

- PowerPoint descriptive lectures
- Discussion method
- Laboratory workshop method
- Continuous evaluation for hand skill
- Videos monitoring in the lab

## 10. Evaluation methods

1. Quizzes
2. Semester exams
3. Grades for work in labs

## 11. Faculty

### Faculty Members

| Academic Rank | Specialization | | Special Requirements/Skills (if applicable) | | Number of the teaching staff | |
|---|---|---|---|---|---|---|
| | General | Special | | | Staff | Lecturer |
| Lecture assistant | | Master in conservative and esthetic dentistry | | | | |

### Professional Development

**Mentoring new faculty members**

**Professional development of faculty members**

## 12. Acceptance Criterion

## 13. The most important sources of information about the program

1. Woelfels Dental Anatomy /Rickne C Scsheid and Gabriela Weiss. edition, 2010 Elseveir Inc.

2. Wheelers dental anatomy, physiology, and occlusion /Stanely J,Nels and Major M. Ash . 9th edition, 2010 Elseveir Inc.

| 14. | Program Development Plan |
|---|---|
| | |

| 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 |
| | | Dental anatomy | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
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- **Please tick the boxes corresponding to the individual program learning outcomes under evaluation.**

# Course Description Form

1. Course Name:

Dental anatomy \1st stage

2. Course Code:

3. Semester / Year:

Year

4. Description Preparation Date:

20/11/2024

5. Available Attendance Forms:

6. Number of Credit Hours (Total) / Number of Units (Total)

120 h/4 credits

7. Course administrator's name (mention all, if more than one name)

Name: Name: Shammaa Anees Sahib

Email: shammaa.alansary@ibnsina.edu.iq

8. Course Objectives

| | |
|---|---|
| **Course Objectives** | • In lab the student will practice to perform drawing the diagrams of different anterior and posterior teeth with their shapes ,geometry a and then sculpture them into realistic forms<br>• Theoretically the students will take lectures about the morphology and anatomy of the teeth with their specific types according to position and stages related to their structural supporting tissues<br>• Students will have scores evaluation on their sculpture work in the lab together with written evaluation..... |

9. Teaching and Learning Strategies

| | |
|---|---|
| **Strategy** | • PowerPoint descriptive lectures |

| | |
|---|---|
| | • Discussion method<br>• Laboratory workshop method<br>• Continuous evaluation for hand skill<br>• Videos monitoring in the lab |
| | |

## 10. Course Structure

| Week | Hours | Required Learning Outcomes | Unit or subject name | Learning method | Evaluation method |
|---|---|---|---|---|---|
| 1 | 2 Theory<br>2 Laboratory | Introduction | Dental anatomy | eoretical lecture using wer point, discussion, deos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 2 | 2 theory<br>2 laboratory | Numbering Systems | Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 3 | 2 theory 2 laboratory | Anatomical Landmarks | Dental anatomy<br>Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 4 | 2 theory<br>2 laboratory | Permanent Incisors | | | Short ,semester , mid-term and final exams |
| 5 | 2 theory<br>2 laboratory | ***Maxillary Lateral Incisor*** | Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 6 | 2 theory<br>2 laboratory | Permanent Mandibular Incisors | Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 7 | 2 theory<br>2 laboratory | Permanent Canines | Dental anatomy<br>Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 8 | 2 theory<br>2 laboratory | Permanent Maxillary Premolars | Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 9 | 2 theory<br>2 laboratory | Permanent Mandibular Premolars | Dental anatomy | Theoretical lecture using power point, discussion, | Short ,semester , mid-term and final exams |
| 10 | 2 theory | | Dental anatomy | | Short ,semester |

| | | | | | |
|---|---|---|---|---|---|
| 11 | 2 laboratory<br>2 theory<br>2 laboratory | Permanent Mandibular Second Premolar<br>Permanent Maxillary Molars | Dental anatomy<br>Dental anatomy | videos , workshop in lab with practice<br>Theoretical lecture using power point, discussion, videos , workshop in lab with practice | , mid-term and final exams<br>Short ,semester , mid-term and final exams |
| 12 | 2theory<br>2laboratory | Permanent Maxillary Second Molar | Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 13 | 2theory<br>2 laboratory | Permanent Mandibular Molars | Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 14 | 2 theory<br>2 laboratory | Mandibular Second Molar | Dental anatomy | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 15 | 2 theory<br>2 laboratory | Tooth Development | | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |
| 16 | 2 theory<br>2 laboratory | Pulp Cavities | | Theoretical lecture using power point, discussion, videos , workshop in lab with practice | Short ,semester , mid-term and final exams |

## 11. Course Evaluation

Distribution as follows:٢٠ marks for daily and monthly quizzes and exams with evaluation of practical requirements for first and second semesters.٢٠ marks for mid exams. 60 marks for the final exams = 100 marks

## 12. Learning and Teaching Resources

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|---|---|
| Required textbooks (curricular books, if any) | 1. Woelfels Dental Anatomy /Rickne C |

| | |
|---|---|
| | Scsheid and Gabriela Weiss. 8th edition, 2010 Elseveir Inc.<br>2. Wheelers dental anatomy, physiology, and occlusion /Stanely J,Nelson and Major M. Ash . 9th edition, 2010 Elseveir Inc. |
| Main references (sources) | |
| Recommended books and references (scientific journals, reports…) | |
| Electronic References, Websites | |