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: *Al-Hilla University College*

Faculty/Institute: *dentistry*

Academic or Professional Program Name: Oral and maxillofacial radiology

Final Certificate Name: B.D.S.

Academic System: years

Description Preparation Date: File Completion Date: 31/3/2024

Name and Signature: Assistant Lecturer. Hibah Ezzat Rashid Berum

Chief of Dentistry Department: Assistant professor Dr. Ali Mihsen Al-Yassiri

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	years	30 hr theory 60 hr clinical		
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	
	HUC-DEN-021	Oral and maxillofacial radiology	theoretical	practical
			30	60

8. Expected learning outcomes of the program

Knowledge	
Learning Outcomes 1	Learning Outcomes Statement 1
Skills	
Learning Outcomes 2	Learning Outcomes Statement 2
Learning Outcomes 3	Learning Outcomes Statement 3
Ethics	
Learning Outcomes 4	Learning Outcomes Statement 4
Learning Outcomes 5	Learning Outcomes Statement 5

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

Faculty Members

Academic Rank	Specialization		Special Requirements/Skills (if applicable)		Number of the teaching staff	
	General	Special			Staff	Lecturer
	1	1			1	1

Professional Development

Mentoring new faculty members

Briefly describes the process used to mentor new, visiting, full-time, and part-time faculty at the institution and department level.

Professional development of faculty members

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.

12. Acceptance Criterion

(Setting regulations related to enrollment in the college or institute, whether central admission or others)

13. The most important sources of information about the program

State briefly the sources of information about the program.

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
				*	*	*	*	*	*	*	*	*	*		

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

Course Description Form

1. Course Name:
Oral and maxillofacial radiology
2. Course Code:
HUC-DEN-021
3. Semester / Year:
Year
4. Description Preparation Date:
31/3/2024
5. Available Attendance Forms:
B.D.S.
6. Number of Credit Hours (Total) / Number of Units (Total): **90 hr.**
Theory: 1 hr., Clinical: 2 hr. each week
7. Course administrator's name (mention all, if more than one name)
Name: Assistant. lecturer. ***Hiba Ezzat Rashid Berum*** Email: hibah.berum@uobabylon.edu.iq
8. Course Objectives

Course Objectives	1-Provide the opportunity to include recent progress in our rapidly changing field of diagnostic imaging 2-Revise in light of new knowledge, technology and technique in dental radiology 3-It presents the underlying science of diagnostic imaging, including the core principles of image production and interpretation for the dental students 4-Offer supplemental resources to both instructor and students. 5- Describe the underlying principles and clinical application of each technique used in oral and maxillofacial radiology 6-Discussion physics of ionizing radiation

	7-discussion of biological effects of radiation 8- Discussion of radiation safety and protection 10- Discussion principles of radiographic interpretation 11- Discussion of projection geometry 12-Discussion of x ray films intensifying screen and grids 13-Discussion processing x ray film 14-Discussion digital imaging 15-Intra oral radiographic examination 16-Studying normal radiographic anatomy 17-Studying panoramic imaging 18-Studying extra oral radiographic examination 19-Discussion advanced imaging 20- Establish guidelines for prescribing dental radiograph 21-Sytyding cone beam computerized tomography and M .R.I. 22-Styding dental anomalies 23-Studing periodontal diseases ,inflammatory lesions of the jaws 24-Studing cysts and cystic like lesions, benign and malignant tumors of the jaws 25-Diagnostic imaging of the temper mandibular joints 26- Discussion disturbance of the face and jaws. 27-Styding trauma to the teeth and facial structures 28-Studying salivary glands radiology

	29-Discussion soft tissue calcification and ossification 30-Studying inflammatory lesion of the jaws.

9. Teaching and Learning Strategies

Strategy	

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method

11. Course Evaluation	
Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports.....etc	
12. Learning and Teaching Resources	
Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports...)	
Electronic References, Websites	

White and Pharoah's Oral Radiology, Principles and Interpretation, **8**TH EDITION.