Ministry of Higher Education and Scientific Research

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Academic Program and Course Description Guide

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: **Hilla University**

Faculty/Institute: **Dentistry**

Scientific Department: **Pediatric and orthodontics and preventive dentistry**

Academic or Professional Program Name: **BDS**

Final Certificate Name: **BDS**

Academic System: **annual**

Description Preparation Date: **1–9–2024**

File Completion Date: **25–10–2024**

Signature:

Head of Department Name:

Ass. Pro. Dr. Ali Mohsin Alyassiry

Date: **25–10–2024**

Signature:

Scientific Associate Name:

Date: **25–10–2024**

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**
1-Preparing efficient personnel in the field of dentistry in Iraq. 2- Contributing to the development of personnel working in the field of dentistry in state institutions and departments. 3- Developing the capabilities of dentists 4- Spreading oral and dental health awareness.

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	
	HUC-DEN-010		**theoretical**	**practical**
4th year	HUC-DEN-010	**Community dentistry**	**30**	**60**

8. Expected learning outcomes of the program

A. Cognitive goals

A1. Formulating information in a way that enables students to understand and increase knowledge regarding the diagnosis and treatment of various diseases such as tooth decay

A2. Giving instructions for dental care and health awareness to prevent tooth decay and gum disease among the community

A3. Giving special instructions and preventive programs for oral and dental health to people to increase the awareness of the community.

B. The skills goals special to the programme.

B1. Training the student in the treatment of the oral diseases that related to the community

B2. Giving instructions for dental and oral health care.

C. Affective and value goals.

C1. Acquisition of the basic principles of educational curricula.

C2. The student's ability to solve problems and possess distinguished thinking.

9. Teaching and Learning Strategies

1. The method of lectures (Microsoft power point)).
2. The method of e-learning by uploading the lectures on the college website for the lectures of the teachers in the college.
3. Practical training for students in educational clinics
4. Using the Babylon University platform (Moodle) to raise lectures and take exams.
5. Using meeting programs (Zoom, Google meet) to communicate with students

10. Evaluation methods

Students are assessed by several means, including:

- Approving the attendance of students to the lecture and educational clinics
- Evaluation of students when treating some clinical cases in educational clinics
- Calculating a score for additional activities
- Doing daily exams
- Conducting mid-term, quarterly and final exams
- making reports.

11. Faculty

Faculty Members

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

	General	Special			Staff	Lecturer
Ass. Lecturer Najran Mohammed Almurib	BDS	MSc preventive and public health community dentistry			✓	

Professional Development

Mentoring new faculty members

Meetings with the rest of the faculty to obtain new experiences

Professional development of faculty members

By attending relevant courses and conferences, conducting workshops and continuing education lectures

12. Acceptance Criterion

The admission criteria include students who have a specific cumulative average according to the central admission system, as well as students who have the physical, mental and social ability to manage any medical condition or practice required by the study. Most dental schools require personal interviews with candidates to assess qualities such as willingness to help people, self-confidence, ability to face challenges, ability to work with people and ability to work independently.

13. **The most important sources of information about the program**
1. College and University website.
2. University Directory.
3. Books and scientific resources for the college.

14. Program Development Plan
-Negotiation and Persuasion: The student should be able to influence others, persuade them, discuss them and reach an agreement.
- Leadership: The student should be able to lead, motivate and direct others.
- Independence at work: The student should be able to assume responsibility and independence by working under various circumstances.

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
3rd year		Community dentistry	Basic	√	√	√		√	√	√		√	√		

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

Course Description Form

1. Course Name:
Community dentistry
2. Course Code:
HUC-DEN-010
3. Semester / Year:
2024−2025
4. Description Preparation Date:
25−10−2024
5. Available Attendance Forms:
6. Number of Credit Hours (Total) / Number of Units (Total)
90
7. Course administrator's name (mention all, if more than one name)
Ass. Lecturer Najran mohammed
8. Course Objectives

Course Objectives	• **Introducing the importance of community dentistry and its applications for individuals and society, especially for widespread diseases such as tooth decay and gum disease, as well as with regard to nutrition and immune factors against oral and dental disease**
9. Teaching and Learning Strategies	
Strategy	Using various modern devices and equipment to deliver material to students as needed, including: Data show projector LCD screens Electronic boards Smart boards Live streaming through digital cameras

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	1	Community dentistry	Dental public health	theoretical lecture using PowerPoint software.	Short quizzes, mid-term exams, end-of-semester assessments,

					and final exams
2	1	Community dentistry	Dental public care	theoretical lecture using PowerPoint software.	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
3	1	Community dentistry	Epidemiology	theoretical lecture using PowerPoint software.	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
4	1	community dentistry	Epidemiological studies	theoretical lecture using PowerPoint software.	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
5	1	Community dentistry	Experimental studies	theoretical lecture using PowerPoint software.	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
6	1	Community dentistry	Epidemiology of dental caries	theoretical lecture using PowerPoint software.	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
7	1	Community dentistry	Epidemiology of periodontal disease	theoretical lecture using PowerPoint software.	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
8	1	Community dentistry	Epidemiology of oral cancer	theoretical lecture using	Short quizzes, mid-term exams, end-of-semester

				PowerPoint software	assessments, and final exams
9	1	Community dentistry	Dental indices	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
10	1	Community dentistry	Indices used for assessment of dental caries	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
11	1	Community dentistry	Indices used for assessment of periodontal disease	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
12	1	Community dentistry	Dental fluorosis	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
13	1	Community dentistry	Biostatistics	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
14	1	Community dentistry	Data presentation	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
15	1	Community dentistry	Measures of central tendency	theoretical lecture using	Short quizzes, mid-term exams, end-

				PowerPoint software	of-semester assessments, and final exams
16	1	Community dentistry	Fluoridation as a public health measure	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
17	1	Community dentistry	Fluoridation mechanism and action	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
18	1	Community dentistry	Occupational hazard in dentistry	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
19	1	Community dentistry	Environment and health	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
20	1	Community dentistry	Effect of air pollution on health	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
21	1	Community dentistry	School dental health program	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
22	1	Community dentistry	Treatment need and demands	theoretical lecture using	Short quizzes, mid-term

				PowerPoint software	exams, end-of-semester assessments, and final exams
23	1	Community dentistry	Dental manpower	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
24	1	Community dentistry	Ethics in dentistry	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
25	1	Community dentistry	Oral health care for special populations	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
26	1	Community dentistry	Forensic dentistry	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
27	1	Community dentistry	Dental auxiliary personal	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
28	1	Community dentistry	Primary health care	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams

29	1	Community dentistry	Infection control	theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams
30	1	Community dentistry		theoretical lecture using PowerPoint software	Short quizzes, mid-term exams, end-of-semester assessments, and final exams

11. Course Evaluation

Number	Assessment Measurement		Score distribution
1	First semester	12.5 %	2.5% Clinical requirement 10% Written exam
2	Mid year exam	25 %	25% Written exam
3	second semester	12.5%	2.5% Clinical requirement 10% Written exam
Total	100 %		

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	• The prevention of oral disease by Murry JJ NunnJH . and Steele JG fourth edition, 2003. • Primary Preventive Dentistry by Harris NO GarciaGodoyF-NatheCN 7th Ed. (2008). • Textbook of Cariology by Fejerscov and Thylstryp 1996 5-Principles and practice of public health dentistry by Krishna M and DasarPL.2010.
Main references (sources)	• Community dentistry by Sikri V and Sikri P 2008. • • Essential of dental caries the disease and its management by Kidd E third edition (2005). • Text book of preventive and social - medicine. Gupta M. and Mahajan BK.3rd edition, 2003.

	• Dentistry, dental practices and the community. Striffler D, Young W., and edition 1999.
Recommended books and references (scientific journals, reports…)	• Oral health & preventive dentistry. Journal of International Society Preventive and Community Dentistry
Electronic References, Websites	• American Association of Public Health Dentistry. https://www.aaphd.org/ • International Society of Preventive and Community Dentistry. https://www.jispcd.org/