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

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.

Concepts and terminology:	
	3

Academic Program Description Form

University Name Tikrit university

Faculty/InstitutAcademic Program Description: The academic program description provides

Scientific Departiefesting proper contite vision, mission and objectives, including an accurate description

Academic or Professional Program Name: bachelors of the tardeted learning outcomes according to specific learning strategies.

Final Certificate Name Bachelor of Oral and Dental Medicine and Surgery

Course Description: Provides a brief summary of the most important characteristic Academic System: annual

Description Probable on Disse. and 2the learning outcomes expected of the students to achieve

File Completion White White they have made the most of the available learning opportunities.

is derived from the program description.

Program Vision: An ambitious picture for the future of the academic program to be Signature ophisticated, inspiring, stimulating, realisticated, inspiring, stimulating, realisticated.

Head of Pegaramons Nameriefly outlines the objectives and activities heres ary to achiev them and defines the program's development paths and directions.

Date:

Program Objectives: They are statements that describe what the academi program intends to achieve within a specific period of time and are measurable and observable.

The file is checked by: Curriculum Structure: All courses / subjects included in the academic program Department of Quality Assurance and University Performance according to the approved learning system (quarterly, annual, Bologna Process Director of the Quality Assurance and University Performance Department:

whether it is a requirement (ministry, university, college and scientific department

Date:

with the number of credit hours. Signature:

Approval of the initiage Outcomes: A compatible set of knowledge, skills and values acquired by students after the successful completion of the academic program and mus 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 facult members to develop students' teaching and learning, and they are plans that are followed to reach the learning goals. They describe all classroom and extracurricular activities to achieve the learning outcomes of the program.

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.

1 The student should be familiar with the materials and tools used in them

- 2 The student should be able to perform root fillings and dental fillings
- 3 The ability to understand the theoretical aspects of dental preparation
- 4 The ability to apply this theoretical knowledge and translate it into practical treatment
- 5 The ability to perform dental fillings on patients in the educational clinic and after graduation

The ability to perform fixed dental prostheses on patients in the teaching clinic and after graduation

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 Credit hours Percentage Reviews*									
	Courses								

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										
theoretical practical										

8. Expected learning outcomes of the program								
Knowledge								
Learning Outcomes 1	Learning Outcomes Statement 1							
Skills								
working hours	0							
B. The skills goals speci B1. The practical side of B2 - Understanding, cor cognitive analysis	of the working hours							
B3 - Observation and Perc	eption							
Ethics	Ethics							

9. Teaching and Learning Strategies

How to give lectures with explanation and clarification using Power Point.

Urging students to use the library as a learning method.

The method of self-learning by supporting the learner's environment.

Urging students to use the Internet as a supportive tool for learning.

Use principle, discussion and dialogue to increase students' comprehension.

Application of education through the practical part.

10. Evaluation methods

- 1- Theoretical tests
- 2- Practical tests
- 3- Daily exams
- 4- Preparing and giving the seminar by the student

11. Faculty

Faculty Members

Academic Rank	Specialization General Special		Special Requirements (if applicable)	,	Number of the teaching staff		
					Staff	Lecturer	
Professor Dr		\			\		

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														
							Req	uired	progr	am L	earnin	g outcon	nes		
Year/Level	Course Code		240.00.	Knov	vledge			Skills	S			Ethics			
	l douc num		optional	A1	A2	A3	A4	B1	B2	В3	B4	C1	C2	С3	C4
third level	CND383	conservativ e	basic	_	_	-	-	-	_	_	-	-	_	-	-

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

Course Description Form

1. Course Name: conservative

2. Course Code: CND383

3. Semester / Year: annul

4. Description Preparation Date: 1\9\2023

5. Available Attendance Forms:24\3\2024

6. Number of Credit Hours (Total) / Number of Units (Total) 180

- 7. Course administrator's name (mention all, if more than one name)
 - 1- Sulafa khair al-deen banoosh
 - 2- Saif saad
 - 3- Alaa jamal
- 8. Course Objectives

The student should be familiar with the materials and tools used in them.

The student should be able to perform root canal and dental fillings

The ability to understand the theoretical aspects of dental preparation.

The ability to apply this theoretical knowledge and translate it into practical treatment.

The ability to perform dental fillings and root canals on patients in the teaching clinic and after graduation.

The ability to perform fixed dental prostheses on patients in the teaching clinic and after graduation

- 9. Teaching and Learning Strategies
- · Learning Outcomes, Teaching ,Learning and Assessment Methode; This article covers the methods of performing dental fillings. Emphasis is placed on developing the student's understanding of the principles of dental preparation, the materials and tools used in dental fillings, and the way to deal with them. The student is training on artificial heads

10. Course Structure

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

1	3 hours 1 theoretical 2 training	Understand the concepts, basics and application		lecture using the power point system	daily exam
	3 hours 1 theoretical 2 training	concepts, basics and application		lecture using the power point system	daily exam
3	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	operative dentistry	Delivering the lecture using the power point system	daily exam
	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	and classifications of Cavity Preparation	Delivering the lecture using the power point system	daily exam
5	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Preparation for amalgam	Delivering the lecture using the power point system	daily exam
	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Preparation for Amalgam	Delivering the lecture using the power point system	daily exam
7	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	restoration	Delivering the lecture using the power point system	daily exam

8	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Class V cavity preparation for amalgam restoration	Delivering the lecture using the power point system	daily exam
9	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Liners and bases	Delivering the lecture using the power point system	daily exam
10	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Dental Amalgam	Delivering the lecture using the power point system	daily exam
11	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Complex amalgam restoration	Delivering the lecture using the power point system	daily exam
12	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Resin-based composites	Delivering the lecture using the power point system	daily exam
13	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Light activation sources	Delivering the lecture using the power point system	daily exam
14	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Fluoride releasing material	Delivering the lecture using the power point system	daily exam

15	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Class III, IV, and V clinical technique for direct restoration	Delivering the lecture using the power point system	daily exam
16	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	An introduction to fixed prosthodontics	Delivering the lecture using the power point system	daily exam
17	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Biomechanical principles of tooth preparation	Delivering the lecture using the power point system	daily exam
18	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Finishing line of the preparation	Delivering the lecture using the power point system	daily exam
19	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Full metal crown	Delivering the lecture using the power point system	daily exam
20	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Porcelain fused to metal crown	Delivering the lecture using the power point system	daily exam
21	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Complete ceramic crown	Delivering the lecture using the power point system	daily exam

22	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	<u>Impression</u>	Delivering the lecture using the power point system	daily exam
23	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Partial veneer crown	Delivering the lecture using the power point system	daily exam
24	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Post crown	Delivering the lecture using the power point system	daily exam
25	3 hours 1 theoretical 2 training	Understand the concepts, basics and application	Some cases in crown and bridge	Delivering the lecture using the power point system	daily exam
26	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	Impression for crown and bridge	Delivering the lecture using the power point system	daily exam
27	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	Impression for crown and bridge	Delivering the lecture using the power point system	daily exam
28	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	Impression for crown and bridge	Delivering the lecture using the power point system	daily exam

29	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	Final imprssion	Delivering the lecture using the power point system	daily exam
30	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	Provisional restoration	Delivering the lecture using the power point system	daily exam
31	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	Working csat and die	Delivering the lecture using the power point system	daily exam
32	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	waxing	Delivering the lecture using the power point system	daily exam
33	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	investing	Delivering the lecture using the power point system	daily exam
34	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	Burnout and casting	Delivering the lecture using the power point system	daily exam
35	3 hours 1 theoretical 2 training	Understand the concepts, basics and appl ication	Cleaning and finishing of cast restoration	Delivering the lecture using the power point system	daily exam

36	1		adjustment procedure	Delivering the lecture using the power point system	daily exam
37	HILEOTETICAL	Understand the concepts, basics and appl ication		Delivering the lecture using the power point system	daily exam

Fourth year (operative and endodontic)

10.	10. Course Structure								
W e e k	Hours	ILOs	Unit/ Mod ule or Topi c Title		Assessment Method				
1		Understand the concepts, basics and application		lecture using the power point system	daily exam				
2	8 hours 2 theoretical 6 training	Understand the concepts, basics and application		Delivering the lecture using the power point system	daily exam				

			Clinical Significance in Practice of Operative Dentistry.		
3	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Biologic Considerati ons of Enamel structure and its Clinical Significance in Practice of Operative Dentistry.	lecture using the power point system	daily exam
4	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Biologic Considerati ons of Dentin structure & its Clinical Significance in Operative Dentistry	lecture using the power point system	daily exam
5	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Biologic	lecture using the power point system	daily exam
6	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	t (Diagnosis & treatment strategies)	lecture using the power point system	daily exam
7	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Cervical Lesions(cari ous and non carious lesions)	lecture using the power point system	daily exam
8	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Cervical	Delivering the lecture using the power point system	daily exam

			lesions)		
9	8 hours 2 theoretical 6 training	Understand the concepts, basics and application		Delivering the lecture using the power point system	daily exam
10	8 hours 2 theoretical 6 training	Understand the concepts, basics and application		Delivering the lecture using the power point system	daily exam
11	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Treatment of Deep Seated Caries Simplified anatomical modeling.	Delivering the lecture using the power point system	daily exam
12	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Fluoride –	Delivering the lecture using the power point system	daily exam
13	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Indirect aesthetic adhesive restorations Inlays and Onlays (materials ,techniques) CAD/CAM Technology.	Delivering the lecture using the power point system	daily exam
14	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Direct tooth- colored restorations(Composite)	lecture using the power point system	daily exam
15	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Dental Laser	Delivering the lecture using the power point system	daily exam
16	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Application	Delivering the lecture using the power point system	daily exam
17	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Application	Delivering the lecture using the power point system	daily exam

			Conservativ		
			e Dentistry.		
18	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Indirect tooth- colored restorations	Delivering the lecture using the power point system	daily exam
19	8 hours 2 theoretical 6 training	Understand the concepts, basics and application		Delivering the lecture using the power point system	daily exam
20	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Ceramic veneers, inlays and onlays, clinical procedures.	Delivering the lecture using the power point system	daily exam
21	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Ceramic veneers, inlays and onlays, clinical procedures.	Delivering the lecture using the power point system	daily exam
22	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	CAD/CAM techniques	Delivering the lecture using the power point system	daily exam
23	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Endodontic Topics Covered 1-Objective of endodontic treatment	Delivering the lecture using the power point system	daily exam
24	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	2- Basic Phases of Treatment	Delivering the lecture using the power point system	daily exam
25	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	3- Pulp pathologies		daily exam
26	8 hours 2 theoretical	Understand the concepts, basics and application	Classification of periapical	Delivering the lecture using the power point	daily exam

	6 training		diseases	system	
27	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Opening Preparation	Delivering the lecture using the power point system	daily exam
28	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	Instruments	Delivering the lecture using the power point system	daily exam
29	8 hours 2 theoretical 6 training	Understand the concepts, basics and application	raphy in Endodontics	Delivering the lecture using the power point system	daily exam

11. Infrastructure	
1. Books Required reading:	Summitt's Fundamentals of Operative Dentistry Textbook of Endodontics(Nisha Gart, Amit Gart
2. Main references (sources)	Training courses and seminars
A- Recommended books and references (scientific journals, reports).	Field visits to serve the community and treat patients in the Teaching Hospital of the Faculty of Dentistry.
B-Electronic references, Internet sites	scopes

12. The development of the curriculum plan

A plan to expand the curriculum is included in a special study submitted to the sectoral committee

	Program Skills Outline											
							Requ	uired	progr	am L	earnin	g out
Year/Level	Course Course Code Name	Name	Basic or	Knov	vledge			Skills	•			Ethi
		optional	A1	A2	A3	A4	B1	B2	B3	B4	C :	
Fifth level	CND588	conservativ e	basic	-	-	-		-	-	-	-	-
								_				

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10. C	10. Course Structure								
Wee k	Hours	ILOs	Unit/Module or Topic Title		Assessmen t Method				
	2 theoretical	concepts, basics and application	definition of fixed	Delivering the lecture using the power point system	daily exam				
	7 theoretical	concepts, basics and application	Bridge including	Delivering the lecture using the power point system	daily exam				
	2 theoretical	concepts, basics and	Fixed Bridge; •	Delivering the lecture using the power point system	daily exam				
4	5 hours	Understand the	Components of	Delivering the lecture	daily exam				

		concepts, basics and application	Fixed Bridge; • Pontics • Connectors	using the power point system	
5	5 hours 2 theoretical 3 training	Understand the concepts, basics and application	• Clinical Consideration for Bridge ConstructionAbutment Tooth(evaluation and selection) _Crown/Root RatioSplinting of teethPatient Occlusal StatusGeneral Factors	Delivering the lecture using the power point system	daily exam
6	/ theoretical	concepts, basics and application	• Clinical Situations affecting Bridge Design; • (Post. Tilted Abutments, Span Length, Pier Abut., Arch curvature	Delivering the lecture using the power point system	daily exam
7	/ theoretical	Understand the concepts, basics and application	_	Delivering the lecture using the power point system	daily exam
	7 theoretical	Understand the concepts, basics and application	• Diagnosis And Treatment Plan. a. Intra-oral Examination. b. X-Rays Examination. c. Diagnostic Cast Examination	Delivering the lecture using the power point system	daily exam
9	5 hours 2 theoretical 3 training			Delivering the lecture using the power point system	daily exam
10	5 hours	Understand the concepts, basics and	provisional Restoration , Oclussion and	Delivering the lecture using the power point	daily exam

	2 theoretical	application	Aesthetics	system	
			(Principles of		
	3 training		occlusion occlusal		
			plane, Anterior		
			guidance) Bite		
			Registeration, and		
			Articulation		
11	5 hours	Understand the	provisional	Delivering the lecture	daily exam
	2 theoretical	concepts, basics and	Restoration,	using the power point	
	2 theoretical	application		system	
	3 training		Aesthetics		
			(Principles of		
			occlusion occlusal plane, Anterior		
			guidance) Bite		
			Registeration, and		
			Articulation Articulation		
12	5 hours	Understand the		Dolivaring the leature	daily avam
12		concepts, basics and		Delivering the lecture using the power point	dairy exam
	2 theoretical	application		system	
	3 training	mpp			
13	5 hours	Understand the		Delivering the lecture	daily exam
	2 theoretical	<u> </u>	· ·	using the power point	
	3 training	11	Hue,Chroma,and	system	
	5 training		Value)		
			ŕ		
14	5 hours	Understand the		Delivering the lecture	<u> </u>
	2 theoretical	concepts, basics and		using the power point	
	3 training	application	Techniques)	system	
	5 training		• ′		
15	5 hours	Understand the		Delivering the lecture	daily exam
	2 theoretical	concepts, basics and		using the power point	
		application		system	
	3 training				
16	5 hours	Understand the	Porcelain in Fixed	Delivering the lecture	daily exam
	2 theoretical	concepts, basics and	Prosthodontics	using the power point	
		application	(Current Ceramic	system	
	3 training).		
17	5 hours	Understand the	Endodontic	Delivering the lecture	daily exam
	2 th a susting 1	concepts, basics and		using the power point	
	2 theoretical	application		system	
	3 training				
18	5 hours	Understand the	Pain control in	Delivering the lecture	daily exam
			22	and totale	

	2 theoretical	concepts, basics and	Endodontic	using the power p	
		application		Delivering the lecture	
	3 training	Transcar		using the power point	
				system oint system	
19	5 hours		Endodontic	Delivering the lecture	daily exam
	2 theoretical	concepts, basics and application	radiography	using the power point system	
	3 training				
20	5 hours	Understand the	Working length	Delivering the lecture	daily exam
	2 theoretical	concepts, basics and	determination	using the power point	
	2 meoreticai	application		system	
	3 training				
21	5 hours	Understand the	Microbiology	Delivering the lecture	daily exam
		concepts, basics and	~ .	using the power point	
	2 theoretical	application		system	
	3 training				
22		** 1) (; 1; 1	D. II	1 '1
22	5 hours		Microbiology	Delivering the lecture	daily exam
	2 theoretical	concepts, basics and		using the power point	
		application		system	
	3 training				
23	5 hours	Understand the	Microbiology	Delivering the lecture	daily exam
	2 the anotice!	concepts, basics and		using the power point	
	2 theoretical	application		system	
	3 training				
24	5 hours	Understand the	Intracanal	Delivering the lecture	daily exam
		concepts, basics and	instruments	using the power point	-
	2 theoretical	application		system	
	3 training				
25	J	TT 1 . 1.1	Tudus s	D.11. 1. 1. 1.	1 '1
25	5 hours	Understand the	Intracanal	Delivering the lecture	daily exam
	2 theoretical	concepts, basics and application	modulions.	using the power point	
	3 training	аррисации		system	
	3 training				
26	5 hours		Obturation of the	Delivering the lecture	daily exam
	2 theoretical	concepts, basics and	root canal system	using the power point	
	2 theoretical	application		system	
	3 training				
27	5 hours	Understand the	Obturation of the	Delivering the lecture	daily exam
		concepts, basics and		using the power point	
	2 theoretical	application		system	
	3 training				
20	5 hours	Understand the	Endodontic	Dolivanina the leature	daily avan
28	5 hours			Delivering the lecture	ually exam
		concepts, basics and	Lineigency	using the power point	

		2 theoretical	application	Treatment	system	
		3 training				
4		2 theoretical	concepts, basics and	Endodontically	Delivering the lecture using the power point system	•
	30	2 theoretical	concepts, basics and	Periodontal	Delivering the lecture using the power point system	

11. Infrastructure	
1. Books Required reading:	Contemporary fixed prosthodontics Textbook of endodontic
2. Main references (sources)	Training courses and seminars
A- Recommended books and references (scientific journals, reports).	Field visits to serve the community and treat patients in the Teaching Hospital of the Faculty of Dentistry.
B-Electronic references, Internet sites	scopes

12. The development of the curriculum plan

A plan to expand the curriculum is included in a special study submitted to the sectoral committee