

*Republic of Iraq
Ministry of Higher Education & Scientific
Research Supervision and Scientific
Evaluation Directorate Quality Assurance
and Academic Accreditation International
Accreditation Dept.*

Academic Program Specification Form

*University: Tikrit
College : Dentistry
Department : Periodontology
Date Of Form Completion: 2023-9-1*

Dean 's Name

Date : / /

Signature

*Dean 's Assistant
For Scientific
Affairs*

*Date : / /
Signature*

*The College Quality
Assurance And University
Performance Manager*

*Date : / /
Signature*

*Quality Assurance And University Performance
Manager Date : / /
Signature*

TEMPLATE FOR PROGRAMME SPECIFICATION

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

PROGRAMME SPECIFICATION

This Program Specification provides a concise summary of the main features of the program and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It is supported by a specification for each course that contributes to the program.

1. Teaching Institution	Tikrit University
2. University Department/Centre	Collage of dentistry
3. Program Title	Periodontology
4. Title of Final Award	Bachelor's degree in Oral and Dental Medicine and Surgery
5. Modes of Attendance offered	Academic Lectures and clinical training on patients
6. Accreditation	Central (Ministry of Higher Education and Scientific Research)
7. Other external influences	Summer training at the Teaching Hospital of the College of Dentistry / Tikrit University
8. Date of production/revision of this specification	2022-2023
9. Aims of the Program	
1- Knowledge of the basics of diagnosing periodontal diseases.	
2- Giving the student an idea of how to reach the correct diagnosis and how to develop an appropriate treatment plan	
3- Enabling the student to use modern treatment methods that include non-surgical treatments.	
4- Introduce the student to the methods of surgical treatment	
5- Introducing the student to how to treat gum disease for people who suffer from chronic diseases, and the interactions of treatment with the health status of the patient	
6- Giving the student an idea of the modern methods of treatment represented by the use of laser in the therapeutic fields	

10. Learning Outcomes, Teaching, Learning and Assessment Methods

A- Cognitive goals .

A1. Knowledge of the normal anatomical structure of the tissues around the teeth.

A2- Knowing the scientific and modern methods of maintaining the health of the periodontal tissues.

A3- Knowing the pathological conditions that affect the gingiva and the periodontal tissues.

A4- Knowing the diagnosis of periodontal diseases.

A5- Knowing the risk factors for gum disease and their relationship to the general health status of the patient.

A 6- Knowing the drugs that are used in the treatment of periodontal diseases.

B. The skills goals special to the course.

B1. Learning methods of diagnosing gum disease and around the teeth.

B2. Discussing with the student scientifically everything related to dentistry through the study of periodontal diseases.

B 3- The student should be familiar with the methods of measuring the level of plaque and calculus, measuring periodontal inflammation, and diagnosing the presence of periodontal pockets around the teeth.

B4- the student learns to use manual machines and ultrasonic devices in the treatment of periodontal and periodontal diseases

B 5- the student learns to follow the patient's condition over several sessions and change the treatment plan according to the patient's response to treatment.

Teaching and Learning Methods

1- Giving lectures (explanation and clarification).

2- Using technological teaching aids as teaching aids (educational films, electronic lectures).

3- Urging students to use the library as one of the learning methods.

4- Practical training for the student and enabling him to treat several cases of patients attending the Teaching Hospital of the College of Dentistry / Tikrit University, and the treatment is under the direct supervision of the specialized teachers.

Assessment methods

1- Written exams

2- Oral exams

3- Daily quizzes

4- Evaluating the practical performance of students during medical treatments within the teaching hospital of the college

C. Affective and value goals

C1. Instilling confidence in the student on the ability to manage patients through direct supervision of the student.

C2- Introducing the student to the importance of their role in increasing the health awareness of the community by providing health advice related to the periodontal diseases.

Teaching and Learning Methods

- 1- Direct discussion between the students and the teacher
- 2- Asking questions in the course of the lecture
- 3- Providing practical treatment and training under direct supervision in the teaching hospital

Assessment methods

- 1- Written exams
- 2- Oral exams
- 3- A practical evaluation of students' performance in educational clinics

D. General and rehabilitative transferred skills (other skills relevant to employability and personal development)

D1. Skills of reading books and recent research related to the general specialty of dentistry, and the subspecialty of periodontology and how to elicit and extrapolate the information presented.

Teaching and Learning Methods

Teaching students how to write review papers, case presentations and graduation researches.

Assessment Methods

- 1- Presenting seminars.
- 2- Writing graduation projects.

11. Program Structure

11. Program Structure				12. Awards and Credits
Level/Year	Course or Module Code	Course or Module Title	Credit rating	
4 th year	PER452	Periodontology	120 hours	Bachelor Degree Requires (10) credits
5th year	PER582	Periodontology	120 hours	

13. Personal Development Planning

14. Admission criteria .

15. Key sources of information about the programme

Newman and Carranza's Clinical Periodontology thirteen edition

TEMPLATE FOR COURSE SPECIFICATION-FOURTH YEAR

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

Fourth Year

1. Teaching Institution	Tikrit university	
2. University Department/Centre	Collage of Dentistry	
3.	Course title(code)	PER452
	Lecturers	Lecturer : Noor Sabah Irhiem Lecturer: Suha Aswad Dahash
4. Modes of Attendance offered	Academic Lectures and clinical training on patients	
5. Semester/Year	4th Year	
6. Number of hours tuition (total)	120	
7. Date of production/revision of this specification	2023-9-1	

Periodontology Fourth Year Program

Subject Title	Periodontics	
Number of credits	Theory:2	Clinical:3
Number of contact hours	Theory:1h/wk.	Clinic:3 h/wk.

Subject time	Fourth year	
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10. Course Structure(Theroy)					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	1	Understand the concepts, basics and practical application	Terms and definition used in the periodontology	PowerPoint Presentation, Video lecture Online lecture and discussion	Quiz, semester, mid and final exams
2	1		Anatomy of the periodontium (gingiva)		
3	1		Anatomy of the periodontium (Periodontal ligaments(PDL))		
4	1		Anatomy of the periodontium (Cementum)		
5	1		Anatomy of the periodontium (Alveolar process)		
6	1		Classification of periodontal diseases and conditions (2017)		
7	1		Classification of periodontal diseases and conditions (2017) (Periodontitis)		
8	1		Classification of periodontal diseases and conditions (2017) (Periodontal abscess)		
9	1		Etiology of periodontal disease		
10	1		Etiology of periodontal disease and risk factors		
11	1		Microbiologic specificity of periodontal diseases		
12	1		Dental calculus		
13	1		Dental stain		

14	1	Understand the concepts, basics and practical application	Etiology of periodontal disease(Risk factors for periodontal diseases)		
15	1		Etiology of periodontal disease (Molecular biology of host-microbe interactions)		
16	1		Etiology of periodontal disease and risk factors (Smoking and Periodontal Disease)		
17	1		Impact of periodontal infection on systemic health (Focal infection theory revisited)		
18	1		Impact of periodontal infection on systemic health (Periodontal disease and asthma)		
19	1		Periodontal indices		
20	1		The periodontal pocket (Classification)		
21	1		The periodontal pocket (Periodontal disease activity)		
22	1		Treatment plan guidelines(Phase 1 (behavior change, removal of supragingival dental biofilm and risk factor control)		
23	1		Treatment plan guidelines (Phase 2 (cause-related therapy))		
24	1		Treatment plan		

		Understand the concepts, basics and practical application	guidelines (Phase 3 (corrective/surgical phase))		
25	1		Treatment plan guidelines (Phase 4 (maintenance therapy))		
26	1		Plaque biofilm control for the periodontal patient (The toothbrush)		
27	1		Plaque biofilm control for the periodontal patient (Chemical plaque biofilm control with oral rinses o Chlorhexidine digluconate)		
28	1		Periodontal instruments and sharpening		
29	1		Breath Malodor (Halitosis)		
30	1		Systemic anti-infective therapy for periodontal diseases		

Course Structure (Clinical requirement)

Credit hours required	Details
3 h/week (90 h/year)	<p>Preclinical:</p> <ul style="list-style-type: none"> - Training on ergonomic aspects of grasping and use of the instruments and their maintenance i.e. resharpener <p>Clinical:</p> <ul style="list-style-type: none"> - Recording medical and dental history - Patient's education and motivation - Oral hygiene instructions (OHI) - Recording periodontal indices - Diagnosis according to classification of periodontal disease and conditions (2017) - Non-surgical periodontal therapy (manual scaling + polishing)

11. Infrastructure	
1. Books Required reading:	Newman and Carranza's Clinical Periodontology thirteen edition
2. Main references (sources)	
A- Recommended books and references (scientific journals, reports...).	
B-Electronic references, Internet sites...	
12. The development of the curriculum plan	

TEMPLATE FOR COURSE SPECIFICATION-FIFTH YEAR

HIGHER EDUCATION PERFORMANCE REVIEW: PROGRAMME REVIEW

COURSE SPECIFICATION

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided. It should be cross-referenced with the programme specification.

Fifth Year

1. Teaching Institution	Tikrit university	
2. University Department/Centre	Collage of Dentistry	
3.	Course title/code	PER582
	Lecturers	Lecturer: Mohammad Ibrahim Alhazeem Lecturer: Hadeel Mohammad Abood
4. Modes of Attendance offered	Academic Lectures and clinical training on patients	
5. Semester/Year	5th Year	
6. Number of hours tuition (total)	120	
7. Date of production/revision of this specification	2023-9-1	

Periodontology Fifth Year Program

Subject Title	Periodontics	
Number of credits	Theory:2	Clinical:3
Number of contact hours	Theory:1h/wk.	Clinic:3 h/wk.
Subject time	Fifth year	

10. Course Structure(Theroy)					
Week	Hours	ILOs	Unit/Module or Topic Title	Teaching Method	Assessment Method
1	1	Understand the concepts, basics and practical application	Periodontal examination and diagnosis	PowerPoint Presentation, Video lecture Online lecture and discussion	Quiz, semester, mid and final exams
2	1		Bone loss and patterns of bone destruction		
3	1		Radiographic aids in the diagnosis of periodontal disease		
4	1		Advanced diagnosis §		
5	1		Periodontal response to external forces		
6	1		Immunology(Innate immunity)		
7	1		Immunology(Adaptive immunity)		
8	1		Tooth mobility		
9	1		Epidemiology of periodontal diseases		
10	1		Determination of prognosis		
11	1		Interrelationships of periodontal disease and therapy with other dental disciplines Restorative interrelationships		
12	1		Periodontal surgery. General principles		
13	1		Sonic and ultrasonic instrumentation and irrigation		
14	1		Gingivectomy and local excision		
15	1		Flap surgery		
16	1		Mucogingival and aesthetic surgery		
17	1		Furcation: involvement and treatment		
18	1		Laser therapy §		
19	1		Locally delivered, controlled-release antimicrobials		
20	1		Management of		

		Understand the concepts, basics and practical application	medically compromised patients(Cardiovascular diseases)		
21	1		Management of medically compromised patients(Endocrine/metabolic disorders)		
22	1		Gingival crevicular fluid (GCF)		
23	1		Dentin hypersensitivity 605.e1		
24	1		Tissue regeneration. General principles Periodontal Wound Healing		
25	1		Regenerative periodontal therapy		
26	1		Reconstructive surgical techniques		
27	1		Advanced regenerative approaches		
28	1		Oral implantology (Peri-implant anatomy and Peri-implant diseases classification)		
29	1		Oral implantology (Implant-related complications and failure)		
30	1		Oral implantology (Supportive implant treatment)		

Course Structure (Clinical requirement)

Credit hours required	Details
3 h/week (90 h/year)	Clinical: <ul style="list-style-type: none"> - Recording medical and dental history - Patient's education and motivation - Oral hygiene instructions (OHI) - Recording periodontal indices: <ul style="list-style-type: none"> ● Bleeding on probing (BOP) ● Plaque index (% of plaque) ● Probing pocket depth (PPD) ● Clinical attachment loss (CAL) - For periodontitis cases, determination of bone loss level by radiograph or clinically

	<ul style="list-style-type: none"> - Diagnosis according to classification of periodontal disease and conditions (2017) - Non-surgical periodontal therapy (manual/ultrasonic scaling, root planing) and removal of all plaque retentive factors - Referral of cases that potentially requiring surgical Therapy - Maintenance and follow-up after 3 months <p>Requirements:</p> <ul style="list-style-type: none"> - Recording periodontal indices and diagnosis (min= 15) - Non-surgical periodontal treatment: <ul style="list-style-type: none"> ● Scaling (min= 8) ● Root planing (min= 3 teeth) ● Periodontal surgery assistant (one case optional)
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11. Infrastructure	
1. Books Required reading:	Newman and Carranza's Clinical Periodontology thirteen edition
2. Main references (sources)	
A- Recommended books and references (scientific journals, reports...).	
B-Electronic references, Internet sites...	
12. The development of the curriculum plan	