



Faculty: Faculty of Dentistry

Department: Oral medicine, Periodontology, Oral Diagnosis and
Oral radiology

Program Specifications for Master of Clinical Dentistry (M.Clin.Dent) in Oral Medicine

Prepared by:

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Date of preparation: December 2024

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1. General Information:

1.	Program Name	Master of Clinical Dentistry (M.Clin.Dent) Oral Medicine
2.	Program Type	Postgraduate Clinical Master's Program
3.	Total Credit Hours	50 Credit Hours
4.	Program Period	3 years/ 6 semesters
5.	Awarding Institution	Faculty of Dentistry, Sana'a University
6.	Awarded Degree	M.Clin.Dent Oral Medicine
7.	Study System:	Credit hour system/ Full Time
8.	Teaching language	English
9.	Departments participating in the program:	Department of Oral medicine, Periodontology, Oral Diagnosis and Oral radiology and Department of Basic Dental Science
10.	Location of teaching:	Faculty of Dentistry, Sana'a University
11.	Date of current development of the program:	December 2024
12.	Qualification required for admission	Bachelor of Dentistry
13.	Prepared by:	Dr. Mohammed Al-Abdaly
14.	Council Approval Date	
15.	Starting date of teaching:	

2. Introduction:

The master of clinical dentistry in oral medicine is a 3-years postgraduate program conducted at the Faculty of dentistry, Sana'a University and includes theoretical, clinical and research modules. This program will enable dental graduates to be professional oral medicine specialist qualified to

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independently provide oral care to the community through the theoretical, and clinical courses. It also includes a research project. Each candidate will be trained to complete research related to the field as part of the program completion requirements and to be a qualified researcher in his specialty to continue further higher education in oral medicine.

3. University Vision, Mission, and Objectives:

University vision:

Sana'a University aspires to achieve a national leading role in teaching, learning, scientific research and community service; and to be among the best regional universities and the foremost house of expertise and think tank in Yemen.

University mission:

To contribute to the sustainable development efforts by providing an accredited higher education environment and excellent research services within a fruitful national partnership based on transparency, professionalism and creativity.

University Objectives:

- 1.To provide specialized and in-depth academic opportunities for students in different fields of knowledge to meet the country's needs of specialists, technicians, and experts.
- 2.To cherish the Arabic language, its teaching and development, and mainstream its use as the language of science and education in various arenas of knowledge as a vehicle for the cultural meanings, values, and ethics of the Arab-Islamic civilization.
- 3.To develop knowledge through engaging in multidisciplinary research, both individually and collectively, and directing them towards serving community needs and development plans.
- 4.To nurture the development of technology and its utilization in community development.
- 5.To promote the activities of authorship, translation, and publishing in various fields of knowledge, with special emphasis on the Yemeni heritage.
- 6.To contribute to the promotion of arts, literature, and the advancement of sciences.
- 7.To offer technical and specialized studies and consultations for various public and mixed-sector institutions.

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8.To strengthen relations with universities and public and private institutions in the country to ensure a mutual and constructive interaction of knowledge, expertise, resources, and participation that will guarantee an effective contribution to the comprehensive development of the country.

4. Faculty Vision, Mission, and Objectives:

Faculty Vision:

To be a locally and regionally distinguished and pioneering institution in applying accreditation standards.

Faculty Mission:

The faculty seeks to produce outstanding graduates capable of developing at a highly competitive level, meeting the labor market's needs, providing community-based services within its values and customs, by developing educational programs, and promoting scientific research and continuous education mechanisms.

Faculty Objectives:

- 1.Aligning the Faculty programs with the areas of excellence sought by Sana'a University;
- 2.Contributing to meeting the labor market needs and keeping pace with related changes;
- 3.Updating and accrediting academic programs, and achieving academic and institutional accreditation standards;
- 4.Building a flexible organizational structure for the Faculty and defining its terms of reference and units;
- 5.Enhancing the Faculty financial capacity and creating mechanisms that allow flexibility in its financial systems;
- 6.Supporting the Faculty quality and training system;
- 7.Building bridges of cooperation with all community institutions and developing partnership with various community institutions and international bodies;
- 8.Providing a good atmosphere that increases educational efficiency and effectiveness and contributes to producing a modern-day dentist;
- 9.Developing and encouraging scientific research and supporting creativity, excellence, and positive interaction.

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5. Department Vision, Mission, and Objectives:

Department Vision:

To be a leading department in the field education, scientific research and community services in these specializations in the Republic of Yemen and the region.

Department Mission:

Preparing and educating a high-level dental graduate capable of providing distinguished medical services at international levels in terms of diagnosis, treatment methods and surgical intervention, and providing an educational, academic, clinical and research environment in accordance with local and regional quality and accreditation standards and community service.

Department Objectives:

1. Continuous development and updating curricula and clinical scientific research skills in periodontal education in line with the needs of society.
2. Provide postgraduate programs that are able to educate and train students to become specialists in periodontics.
3. Encourage scientific research and training in the field of dentistry by establishing effective educational relationship with the community.
4. Contributing to education, learning, creativity and innovation by providing and developing the academic environment.

6. Program Mission and Objectives:

Program Mission:

This program is designed to graduate qualified oral medicine specialists equipped with the knowledge, skills and competencies required, by providing a learning, educational and research environment according to the highest quality standards in which contemporary learning and educational strategies are implemented dentists who wish to enhance their knowledge and clinical training in oral medicine.

Program Objectives:

The objectives of the program are to:

1. Apply knowledge in the basic medical and dental sciences with emphasis on subjects and systems with directly related to oral health and oral function.

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2	Describe common oral mucosal lesions and their diverse treatment modalities.
3	To provide the graduate students in oral medicine with basic knowledge about the treatment of oral diseases through application of evidence-based dentistry

7. Program Standards and Benchmarks:

Academic Standards

Institution	Link
The European association of oral medicine.	https://eaom.eu/?v=00c66f1a036b
Oral medicine and pathology Program Curriculum, Saudi Commission for Health Specialties, Riyadh, Kingdom of Saudi Arabia.	https://scfhs.org.sa/sites/default/files/2022-01/Oral%20Medicine%20and%20Pathology.pdf
Accreditation Standards for Advanced Dental Education Programs in Oral medicine: Commission on Dental Accreditation	https://coda.ada.org/-/media/project/ada-organization/ada/coda/files/oral_medicine_standards.pdf?rev=cad18782f6a64698a3fa3e9ee8146c6b&hash=CE6FFD8509921820D58D42CBDE66D363

Program Benchmarks:

Master's degree in Oral Medicine, Periodontology and Oral Diagnosis, Misr University for Science and Technology Faculty of Oral and Dental Surgery, Egypt	https://must.edu.eg/wp-content/uploads/2022/11/Masters-Program-Specification-of-Oral-Medicine-Periodontology-and-Oral-Diagnosis.pdf
Masters (MSc) Oral Medicine, Faculty of Medicine and Dentistry, university of Alberta, Canada.	https://www.ualberta.ca/en/school-of-dentistry/programs-and-admissions/graduate-studies/m-sc-oral-medicine.html
Master's Degree In Dental sciences in the Specialty of Oral Medicine, Periodontology and Oral Diagnosis, The British University.	https://www.bue.edu.eg/uploads/editor/Dentistry/Master%20of%20Dental%20Sciences%20in%20the%20specialty%20of%20Oral%20Medicine,%20Periodontology%20and%20Oral%20Diagnosis.pdf
Master's Degree In Oral Medicine, Dentistry and oral health, The Sydney University, Australia	https://www.sydney.edu.au/handbooks/medicine-health/pg/coursework-ac/clinical-dentistry/oral-medicine-table.html
Master's Degree In Oral Medicine Faculty of Dental Sciences M. S. Ramaiah University of Applied Sciences,	https://www.msrup.ac.in/course/mds-in-oral

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India	medicine-and-radiology
Master's Degree In Oral Medicine Faculty of dentistry & Allied disciplines Shaheed Zulfiqar Ali Bhutto Medical University Islamabad, Pakistan.	https://www.szabmu.edu.pk/content/curriculums/MSC-Oral-Medicine.pdf
Master Degree in Oral medicine , The Universiti Malaya, Faculty of Dentistry, Kuala Lumpur, Malaysia	https://dentistry.um.edu.my/img/files/PG%20Handbook%202019_2020%20final%20edit_latest(1).pdf
Master Degree in Oral medicine, University Western Cape, Faculty of Dentistry, Cape Town, South Africa	https://www.uwc.ac.za/files/files/FCLTY-2021--DEN-FINAL.pdf

8. Graduate Attributes:

1. Critical Thinking and Problem-Solving:

Graduates will be able to manage the difficult cases of oral diseases through critical thinking and applying problem-solving skills to design an appropriate treatment plan , evaluate the alternatives treatment approaches based on patient-specific factors, and take informed clinical decisions.

2. Clinical Competence:

Graduates will be able to demonstrate management of a wide range of oral mucosa conditions using an appropriate oral diseases treatment plan and applying evidence-based approaches based on their clinical skills and competence to diagnosing, planing, and delivering oral diseases treatment effectively

3. Professionalism and Ethical Behavior:

Graduates will apply and the principles of dental ethics, prioritize to patient confidentiality, autonomy and informed consent by demonstrating integrity, ethical behavior, and professionalism, with patients, colleagues, and the community

4. Communication and Interpersonal Skills:

Graduates will be able to establish good collaborative relationships with other dental professionals as part of a multidisciplinary team. They will also be able to listen actively, and clearly communicate treatment plans and

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procedures to patients and their families. They will have the strong communication and interpersonal skills necessary to interact effectively with patients.

5. Lifelong Learning:

Graduates will be committed to actively seeking opportunities for continuing education, keeping abreast of the latest developments in oral medicine, research, and professional growth throughout their careers.

9. Program Intended Learning Outcomes (PILOs):

A. Knowledge and Understanding:

Upon successful completion of the Program, the graduates will be able to:

A1	Knowledge of the various oral mucosal lesions and their relative extraoral manifestations.
A2	Identify methods of treating oral manifestations of systemic diseases affecting dental tissues.
A3	Demonstrate basic research models and ethical issues as set by the faculty regulations.

B. Cognitive/ Intellectual Skills:

Upon successful completion of the Program, the graduates will be able to:

B1	Critical evaluation of different diagnostic methods including oral radiology related to oral mucosal
B2	Distinguish between signs and symptoms of systemic diseases that may affect dental treatment decisions.
B3	Conduct a research on selected topic in oral medicine within the frame of the faculty research plan.

C. Practical and Professional Skills:

Upon successful completion of the Program, the graduates will be able to:

C1	Diagnosis of various oral lesions based on collected data and laboratory investigations when indicated.
C2	Professionally solving clinical problems encountered in the field of oral medicine
C3	collect data from medical and dental specialty reports including histopathology, ultrastructural and radiographical reports ..

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D. General and Transferable Skills:

Upon successful completion of the Program, the graduates will be able to:

D1	Be in contact effectively with patients to describe the nature of their oral health status.
D2	Work efficiently as a member or as a leader in a multidisciplinary team.
D3	Using information technology to find the best evidence-based theories in the field including critical appraisal of research studies.

10. Alignment of PILOS with program objectives

Program	Program Objectives					
PILOs	PObj1	PObj2	PObj3	PObj4	PObj5	PObj6
A1			*			
A2	*	*	*			
A3	*	*	*			
B1	*	*				
B2	*	*	*	*	*	*
B3	*	*			*	
C1	*		*			
C2	*	*	*	*		*
C3	*	*	*	*	*	
D1	*					
D2		*	*	*		
D3	*	*	*	*	*	

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11. Teaching Strategies	
Teaching Strategy	Description
Lectures	Provide participants with a core knowledge base through highlight key points. Students are expected to enhance this core knowledge and become reflective independent.
Self-study	Developing cognitive and intellectual skills, the program involves discussion of key issues, analysis and interpretation of resource material and practice in applying concepts and solving problems supported by informal staff contact, scheduled help sessions and on-line discussion.
Group work	Provides opportunities to reflect critically and enables participants to take more responsibility for their own learning and to work co-operatively, promotes creativity, as well as learn from each other.
Seminars	Promote collaboration and thoughtful discussion. Participants can discuss an academic subject to gain new insight or expand their knowledge. Seminars can inspire participants to improve their lives overall or implement new skills learned at the event.
Independent learning	Students take ownership of their educational path by setting their own goals and monitoring their progress. They also do their own research and ask questions, rather than relying solely on the materials that their teacher or instructor hands them.
Group discussion	A peer group is defined as a group of people who have many things in common, such as interests, social and economic status, backgrounds, and ages. All ages and backgrounds can form peer groups. It is therefore a critical conversation about a particular topic, or perhaps a range of topics, conducted in a group of a size that allows participation by all members.
Role play exercises	These roles can be performed by individual students, in pairs, or in groups which can play out a more complex scenario by give them the opportunity to assume the role of a person or act out a given situation.

12. Assessment Strategies	
Assessment Strategy	Description
Written tests (Multiple choice questions, short	Mid-term test is conducted in the 8th week and final exam is conducted at the end of each semester. Both tests are closed book, closed notes.

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12. Assessment Strategies

Assessment Strategy	Description
essay questions)	Regular assessments to evaluate theoretical knowledge.
Individual module assessments	Which may be an essay or other written assignment, short written tests, a group work report or presentation, or other method
Quizzes (Multiple choice questions, short essay questions)	Short and quick exams related to past as well as topics discussed in the period. This helps students develop self-confidence, readiness, and accuracy in major exams.
Presentations	Commissioning some students to make a presentation by projector.
Portfolio	Is a set of pictures by someone, or photographs of examples of their work, which they use when entering competitions or applying for work.
Case Studies	A research method to gain a better understanding of a subject or process. Case studies involve in-depth research into a given subject, in order to understand its functionality and successes.
Master thesis	Synthesizing and evaluating information, academic writing, numerical and skills, team-working, presentation skills, and time management.
Clinical Assessments:	Evaluation of clinical skills and patient management.
Case Presentations:	Students present and discuss periodontal case studies.

13. Alignment of Program Intended Learning Outcomes (PILOs) to Teaching Strategies and Assessment Methods:

PILOs	Teaching Strategy	Assessment Methods
Knowledge and Understanding A1, A2, A3	<ul style="list-style-type: none"> Lectures. Self-study Seminars Group work Independent learning. 	<ul style="list-style-type: none"> Written tests (Mid and final terms) Quizzes Presentations
Intellectual Skills B1, B2, B3,	<ul style="list-style-type: none"> Lectures. 	<ul style="list-style-type: none"> Written tests (Mid and

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PILOs	Teaching Strategy	Assessment Methods
	<ul style="list-style-type: none"> Self-study Seminars Group work Independent learning. 	<ul style="list-style-type: none"> final terms) Quizzes Presentations
Professional and Practical skills C1, C2, C3	<ul style="list-style-type: none"> Clinical training sessions Group work 	<ul style="list-style-type: none"> Presentations Case studies Clinical assessment
General and Transferable Skills D1, D2, D3	<ul style="list-style-type: none"> Clinical training sessions Seminars Group work Independent learning. Role play exercises 	<ul style="list-style-type: none"> Presentations Case studies Clinical assessment

14. Research Project Assessment:

Each project will be assessed as follows:

A. Thesis evaluation:

The importance of the topic, scientific background, appropriate scientific approach to the nature of the research, Presentation, analysis and discussion of results, Scientific documentation.

B. Ethical aspects

C. Thesis defence:

Evaluation of presentation and discussion: Presentation, ability to discuss, dialogue and acceptance of criticism.

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15. Clinical Training Assessment:

This part starts in the second year when the candidate successfully completes the foundation year where the candidates attend to the postgraduate clinics of the Faculty of Dentistry throughout the year. In the clinical training component of the program, each candidate is required to take full responsibility of a minimum of 50 patients requiring comprehensive periodontal treatment. For every patient, the candidate would be supervised and guided to prepare a full diagnostic file for the patient according to the program guidelines. Then a comprehensive treatment plan is prepared for the patient based on a complete diagnosis. The plan is presented to the clinic supervisors and documented. The candidate will then treat the patient according to his/her need and attend to his case until the case is finished.

Completion of Clinical Training

Each candidate is required to complete and present all cases in front of an examination committee assigned by the program supervisors for completion of this module. Successful candidates will be offered a grade according to which the student will pass or fail the training exit exam. Successful candidates will be offered a clinical training exit document and marks for the clinical training modules in the study plan.

16. Program Structure:

No	Requirements	No. of Courses	Credit Hours	Rational Weight %
1.	University Requirements	---	---	---%
2.	Basic and Dental Related Science Courses	13	20	40%
3.	Program Requirements	6	24	48%
4.	Research Project	1	6	12 %
	Total:	20	50	100%

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16.1. Program Requirements

a. Basic Science Courses

No.	Level	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	CT	P	Prerequisites, Co-requisites
1	1	BSOP101	Oral Pathology (1)	أمراض الفم (1)	2	1	--	2	---
2	1	BSPH101	Oral Physiology	فيزيولوجيا الفم	1	1	--	--	---
3	1	BSOH101	Oral Histology	أنسجة الفم	1	1	--	--	--
4	1	BSGM101	G. Medicine	الطب الباطني	2	2	--	--	--
5	1	BSOR101	Oral Radiology	أشعة الفم	1	1	--	--	--
6	1	BSRM101	Research Methodology and Biostatistics (1)	منهجية البحث العلمي والإحصاء الحيوي (1)	1	1	--	--	---
7	1	BSOM101	Oral Microbiology	الأحياء الدقيقة الفموية	1	1	--	--	---
8	1	BSPH101	Pharmacology	علم الأدوية	2	2	--	--	--
9	1	BSOD101	Evidence Based in Dentistry	طب الأسنان القائم على الأدلة	2	2	--	--	---
10	1	BSOP102	Oral Pathology (2)	أمراض الفم (2)	2	1	--	2	--
11	1	BSIM101	Immunology	المناعة	2	2	--	--	BSOM101
12	1	BSBI102	Research Methodology and Biostatistics (2)	منهجية البحث العلمي والإحصاء الحيوي (2)	1	1	--	--	BSRM101
13	1	BSMG101	Medical Genetics	علم الجينات الطبي	2	2	--	--	---
Total					20	18	--	4	---

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b. Oral Medicine Courses

No.	Level	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	CT	P	Prerequisites, Co-requisites
1	2	OMSE201	Oral Medicine and Seminar (1)	طب الفم وندوات بحثية (1)	4	2	6	--	--
2	2	ODSE201	Oral Diagnosis and Seminar (1)	تشخيص أمراض الفم وندوات بحثية (1)	4	2	6	--	--
3	2	CTOM201	Current Topics of Oral Medicine (1)	للمواضيع الحالية طب الفم (1)	4	2	6	--	--
4	2	ODSE202	Oral Diagnosis and Seminar (2)	تشخيص أمراض الفم وندوات بحثية (2)	4	2	6	--	ODSE201
5	2	OMSE202	Oral Medicine and Seminar (2)	طب الفم وندوات بحثية (2)	4	2	6	--	OMSE201
6	2	CTOM202	Current Topics in Oral Medicine (2)	المواضيع الحالية في طب الفم (2)	4	2	6	--	CTOM201
Total					24	12	36	--	

16.2. Research Project

No	Level	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	CT	P	Prerequisites, Co-requisites
1	3		Thesis	الرسالة العلمية	6	--	--	--	--
Total					6	--	--	--	--

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Study Plan	الخطة الدراسية
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First Level / First Semester								
No.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	CT	P	Prerequisites, Co-requisites
1	BSOP101	Oral Pathology (1)	أمراض الفم (1)	2	1	--	2	---
2	BSPH101	Oral Physiology	فيزيولوجيا الفم	1	1	--	--	---
3	BSOH101	Oral Histology	أنسجة الفم	1	1	--	--	---
4	BSGM101	G. Medicine	الطب الباطني	2	2	--	--	---
5	BSOR101	Oral Radiology	أشعة الفم	1	1	--	--	---
6	BSBR101	Research Methodology and Biostatistics (1)	منهجية البحث العلمي والإحصاء الحيوي (1)	1	1	--	--	---
7	BSOM101	Oral Microbiology	الأحياء الدقيقة الفموية	1	1	--	--	---
Total				9	8	--	2	--

First Level / Second Semester								
No.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	CT	P	Prerequisites, Co-requisites
1	BSOP102	Oral Pathology (2)	أمراض الفم (2)	2	1	--	2	BSOP101
2	BSPH101	Pharmacology	علم الأدوية	2	2	--	--	--
3	BSOD101	Evidence Based in Dentistry	طب الأسنان القائم على الأدلة	2	2	--	--	--
4	BSIM101	Immunology	المناعة	2	2	--	--	BSOM101
5	BSRB102	Research Methodology and Biostatistics (2)	منهجية البحث العلمي والإحصاء الحيوي (2)	1	1	--	--	BSRB101

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6	BSMG101	Medical Genetics	علم الجينات الطبي	2	2	—	—	—
Total				11	10	—	2	—

Second Level / Third Semester

No.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	CT	P	Prerequisites, Co-requisites
1	OMSE201	Oral Medicine and Seminar (1)	طب الفم وندوات بحثية (1)	4	2	6	—	—
2	ODSE201	Oral diagnosis and Seminar (1)	تشخيص أمراض الفم وندوات بحثية (1)	4	2	6	—	—
3	CTOM201	Current topics of Oral Medicine (1)	المواضيع الحالية طب الفم (1)	4	2	6	—	—
Total				12	6	18	—	—

Second Level / Fourth Semester

No.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	L	CT	P	Prerequisites, Co-requisites
1	OMSE202	Oral Medicine and Seminar (2)	طب الفم وندوات بحثية (2)	4	2	6	—	OMSE201
2	ODSE202	Oral diagnosis and Seminar (2)	تشخيص أمراض الفم وندوات بحثية (2)	4	2	6	—	ODSE201
3	CTOM202	Current topics of Oral Medicine (2)	المواضيع الحالية طب الفم (2)	4	2	6	—	CTOM201
Total				12	6	18	—	—

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Third Level / Fifth and Sixth Semesters					
No.	Course Code	Course Name	اسم المقرر	Cr. Hrs.	Prerequisites, Co-requisites
3		Thesis	الرسالة العلمية	6	--
Total				6	--

17. Distribution of Total Credit Hours:

Courses	No of Courses, CH, %	First level		Second level		Third level		Total	%
		1 st	2 nd	1 st	2 nd	1 st	2 nd		
Faculty Requirements	No. of courses	7	6	---	---	---	---	13	56%
	Credit Hours	9	11	---	---	---	---	20	40%
	%			---	---	---	---		
Program Requirements	No. of courses	--	--	3	3	---	---	6	30%
	Credit Hours	--	--	12	12	---	---	24	48%
	%								
Research Project	No. of courses	---	---	---	---	1		1	14%
	Credit Hours	---	---	---	---	6		6	12%
	%								
Total	No. of courses							20	100%
	Credit Hours							50	100%
	%								
	%								

18. Admission/Selection/Transfer Requirements:

- Admissions to the program shall be made as per the admission rules set by the Ministry of Higher Education and Scientific Research as well as University of admission guidelines.
- Bachelor in Dentistry with at least performance of Good.

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as well as controls, responsibilities and procedures of scientific guidance) - Completion of all university requirements. - Field of Research and precise research topic with short Description and suggested time plan. - First Department Seminar. - Decision letter (Supervisors) of acceptance of the research topic. - Any further requirements and controls based on post-graduate deanship regulations.

2. Scientific Supervision:

(The regulations of the selection of the scientific supervisor and his/her responsibilities, as well as the procedures/ mechanisms of the scientific supervision and follow-up) - At most 2-3 supervisors are selected for the supervision of a thesis. - At least 1-Associate (or Full) Professor is appointed as supervisor either from the department or from another department outside the faculty. - Any Assistant Professor appointed as supervisor should have at least 4-year experience in the field of research and have published at least one paper. Candidates may apply for one-year extension (full-time) for completion of the thesis to the Postgraduate Program Administration at the Faculty of Pharmacy, which will be granted if the candidate provides a valid reason for extension.

The supervisor responsibilities are: -

1. Help and assist the candidate/researcher in preparing the research plan.
2. Guide the candidate to adhere to certain standards of academic integrity and research ethics, including combating plagiarism
3. Monthly, follow up and meeting with the researcher (at least one meeting per month)
4. Guide the researcher at every step to be done during thesis work
5. Write follow-up (progress report) after each meeting
6. Write a follow-up (evaluation report) every semester
7. The supervisor shall submit copies of these reports to the Postgraduate-Program coordinator, the Head of the Department and the Head of the Faculty Post-graduate.
8. Write the final thesis acceptance report in order to prepare the final department seminar and then initiating the preparation for thesis presentation, defence and approve.

The candidate/student responsibilities are:

1. Student present his/her accomplishment at the end of every semesters - plan and actively pursue the research.
- identify and deal with any research-related problems †
2. comply with administrative requirement †

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3. meet ethical guidelines + take responsibility for the final form of the thesis - A thesis or research portfolio conducted under supervision
4. The length of a (6) credit hours thesis or research portfolio will be appropriate to the discipline and must not exceed ... words, including bibliography, footnotes or endnotes and essential appendices, unless specific permission has been granted by the Department .

3. Thesis Defense/Examination:

(The regulations for selection of the defence/examination committee and the requirements to proceed for thesis defense, the procedures for defence and approval of the thesis, and criteria for evaluation of the thesis) - A thesis proceeds for defence following completion of: - At least two research papers are accepted in a journal in the field of research. - Final acceptance letters provided by the supervisor(s) and the department final seminar committee (at least 3-department members).

The examination committee should consist of: -

One -Associate (or Full) Professor specialized in the field of research from an external university +
 - One -Associate (or Full) Professor from the department of Medicinal chemistry, Pharmacy in addition to the supervisor of the thesis. A session for presentation, defence and approval of the thesis should be done based on the following: - At least two members of the examination committee accept their assignment and reply by acceptance letter and approve the thesis for defence within one month. - The session of defence should be declared within two weeks after receiving of examination committee members' approval letters. is the outcome of independent research, or creative activity

23. Program Assessment:

Type of the Sample who Assess the program		Instruments used	Sample
1	Final Year Students	Interviews Questionnaires	All candidates
2	Graduates	Interviews Questionnaires Meetings	All candidates
3	Employers	Survey Questionnaires	As many as possible

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4	Council of Accreditation and Quality Assurance	Reports Observations Visits	Experts from CAQA, Ministry of Higher Education.
5	External Experts and Specialist	Reports Visits	Experts and Specialists invited by Academy for self- assessment

24. Program Policies:

Based on University Regulations

1.	(Class Attendance) : A student should attend not less than 75 % of total hours of the subject; otherwise he/she will not be able to take the exam and will be considered as exam failure. If the student is absent due to illness, he/she should bring a proof statement from university Clinic. If the absent is more than 25% of a course total contact hours, student will be required to retake the entire course again.
2.	(Tardy) : For late in attending the class, the student will be initially notified. If he repeated lateness in attending class he/she will be considered as absent.
3.	(Exam Attendance/Punctuality) : A student should attend the exam on time. He/she is permitted to attend an exam half one hour from exam beginning, after that he/she will not be permitted to take the exam and he/she will be considered as absent in exam.
4.	(Assignments & Projects) : Assignments and projects are given as per course specification; the student has to submit all the

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	assignments for checking on time, mostly one week after given the assignment.
5.	(Cheating) : For cheating in exam, a student will be considered as fail. In case the cheating is repeated three times during his/her study the student will be disengaged from the Faculty.
6.	(Plagiarism) : Plagiarism is the attending of a student the exam of a course instead of another student. If the examination committee proofed a plagiarism of a student, he/she will be disengaged from the Faculty. The final disengagement of the student from the Faculty should be confirmed from the Student Council Affair of the university or according to the university roles.
7.	(Other policies) : <ul style="list-style-type: none"> - Mobile phones are not allowed to use during a class lecture. It must be closed; otherwise the student will be asked to leave the lecture room. - Mobile phones are not allowed in class during the examination. - Lecture notes and assignments might be given directly to students using soft or hard copy.

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Annex- 1, Survey of Similar Accredited Programs at National and International Universities (Benchmarks)

Program No.	The Academic Program	The University	Website	The Faculty	The Department	The Country	Degree Award at Program Completion	Program Accrediting Body	Year of Accreditation	Study Duration
Current Program										
The 1 st Program	Master in degree in Oral Medicine, Periodontology and Oral Diagnosis	Misr University for Science and Technology	https://must.edu.eg/wp-content/uploads/2022/11/Masters-Program-Specification-of-Oral-Medicine-Periodontology-and-Oral-Diagnosis.pdf	Faculty of Oral and Dental Surgery	Oral Medicine, periodontology and Oral Diagnosis Department	Egypt	Master in Oral Medicine,	Accreditation and Quality Assurance Center, Misr University for Science and Technology	2021/2022G	3 years

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			Dr. Huda Alenad



Program No.	The Academic Program	The University	Website	The Faculty	The Department	The Country	Degree Award at Program Completion	Program Accrediting Body	Year of Accreditation	Study Duration
The 2 nd Program	Masters (MSc) Oral Medicine, .	University of Alberta,	https://www.alberta.ca/en/school-of-dentistry/programs-and-admissions/graduate-studies/m-sc-oral-medicine.html	Faculty of Medicine and Dentistry	Oral Medicine	Canada.	Masters (MSc) Oral Medicine.	The Committee on Accreditation of Canadian Medical Schools (CACMS)	since 1942 and from 1979 until the present	3 years
The 3 rd Program	Master's Degree In Dental sciences in the Specialty of Oral Medicine,	The British University	https://www.bu.edu.eg/uploads/editor/Dentistry/Master%20of%20Dentistry%20in%20the%20Specialty%20of%20Oral%20Medicine	Faculty of Dentistry	Department Of Oral medicine, Periodontology and oral diagnosis,	Egypt	Master's Degree In Dental sciences in the Specialty of Oral Medicine, Periodontology and Oral Diagnosis)	The Quality Assurance Agency for Higher Education (QAA) global.	2024	3 years

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Program No.	The Academic Program	The University	The Faculty	The Department	The Country	Degree Award at Program Completion	Program Accrediting Body	Year of Accreditation	Study Duration
The 4 th Program	Periodontology and Oral Diagnosis.								
	Master's Degree In Oral Medicine, Dentistry and oral health,	The Sydney University ,	Faculty of Medicine and Health	Clinical Dentistry	Australia	Master of Dental Surgery in Periodontics)	This course is accredited by the Australian Dental Council (ADC) and approved by the Dental Board of Australia.	2022	3 years
The 5 th Program	Master's Degree In	Shaheed Zulfikar Ali	Faculty of dentistry &		Pakistan	Master's Degree In Oral	Internal Quality Assurance by	2022	4 years

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Program No.	The Academic Program	The University	The Faculty	The Department	The Country	Degree Award at Program Completion	Program Accrediting Body	Year of Accreditation	Study Duration
	Oral Medicine, ..	Bhutto Medical University	Allied disciplines			Medicine	local QAD, and External Quality Assurance by HEC and other accreditation bodies.		
The 6 th Program	Master's Degree In Oral Medicine	M. S. Ramaiah University of Applied Sciences	Faculty of Dental Sciences	Oral medicine and Radiology	India	Master's Degree In Oral Medicine	UGC and approved by Dental Council of India	2022	3 years
The 7 th Program	Master Degree in Oral medicine . .	The Universiti Malaya,	Faculty of Dentistry	Department of Restorative Dentistry	Kuala Lumpur, Malaysia	Master Degree in Oral medicine	MALAYSIAN QUALIFICATIONS AGENCY (MQA)	2013	3 year

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			Dr. Nuda Alemad

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Sana'a University

Faculty of Dentistry

Oral Medicine, Periodontology, Oral

Diagnosis and Oral Radiology Department

Postgraduate Program In Oral Medicine



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Program No.	The Academic Program	The University	Website	The Faculty	The Department	The Country	Degree Award at Program Completion	Program Accrediting Body	Year of Accreditation	Study Duration
			Periodontolog y.aspx							

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Annex- 2, Survey of PILOs for Similar Accredited Programs at National and International Universities

Program PILOs	Similar Accredited Programs					
	Master's degree in Oral Medicine, Periodontology and Oral Diagnosis , Misr University for Science and Technology Faculty of Oral and Dental Surgery, Egypt	Masters (MSc) Oral Medicine, Faculty of Medicine and Dentistry, university of Alberta, Canada.	Master's Degree In Dental sciences in the Specialty of Oral Medicine, Periodontology and Oral Diagnosis, The British University .	Master's Degree In Oral Medicine, Dentistry and oral health, The Sydney University , Australia	Master's Degree In Oral Medicine Faculty of Dental Sciences M. S. Ramalah University of Applied Sciences, India	Master's Degree In Oral Medicine Faculty of dentistry & Allied disciplines Shaheed Zulfiqar Ali Bhutto Medical University Islamabad, Pakistan.
	A1					
	A2	*	*	*		*
	A3			*	*	
	B1	*	*	*	*	*
	B2	*	*	*	*	*
	B3	*			*	

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Program PILOs	Similar Accredited Programs				
	Master's degree in Oral Medicine, Periodontology and Oral Diagnosis , Misr University for Science and Technology Faculty of Oral and Dental Surgery, Egypt	Masters (MSc) Oral Medicine, Faculty of Medicine and Dentistry, university of Alberta, Canada.	Master's Degree in Dental sciences in the Specialty of Oral Medicine, Periodontology and Oral Diagnosis, The British University .	Master's Degree in Oral Medicine, Dentistry and oral health, The Sydney University , Australia	Master's Degree in Oral Medicine Faculty of Dental Sciences M. S. Ramalah University of Applied Sciences, India
	C1	*	*	*	*
	C2	*	*	*	*
	C3	*	*	*	*
	D1	*	*	*	*
	D2	*	*	*	*
	D3	*	*	*	*
					Master's Degree in Oral Medicine Faculty of dentistry & Allied disciplines Shaheed Zuifiqar Ali Bhutto Medical University Islamabad, Pakistan.

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Annex- 3, Survey of Number of Courses and Credit Hours of Similar Programs

University	Master's degree in Oral Medicine, Periodontology and Oral		Masters (MSc) Oral Medicine, Faculty of Medicine and Dentistry, university of Alberta, Canada.		Master's Degree In Dental sciences in the Speciality of Oral Medicine, Periodontology and Oral Diagnosis, The British University .		Master's Degree In Oral Medicine, Dentistry and oral health, The Sydney University, Australia		Master's Degree In Oral Medicine Faculty of Dental Sciences M. S. Ramaiah University of Applied Sciences, India		Master's Degree In Oral Medicine Faculty of dentistry & Allied disciplines Shaheed Zulfiqar Ali Bhutto Medical University Islamabad, Pakistan.		Current Program	
	Cr. Hrs.	No. of Courses	Cr. Hrs.	No. of Courses	Cr. Hrs.	No. of Courses	Cr. Hrs.	No. of Courses	Cr. Hrs.	No. of Courses	Cr. Hrs.	No. of Courses	Cr. Hrs.	No. of Courses
Total Courses and Cr. Hrs.	Compulsory	6	3	--	--	8	5	21	7	5	5	7.5	20	13
	Electives	--	--	--	--	--	--	--	--	--	--	--	--	--
	Percentage	7%	11%	--%	--%	13%	23%	14%	28%	3%	26%	11%	40%	65%
	Theoretical	55	20	--	--	32	16	98	13	43	7	50	24	6
	Percentage	69%	71%	--%	--%	52%	73%	64%	52%	24%	37%	78%	48%	30%

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University	Master's degree in Oral Medicine, Periodontology and Oral Diagnosis, Misr University for Science and Technology Faculty of Oral and Dental Surgery, Egypt		Masters (MSc) Oral Medicine, Faculty of Medicine and Dentistry, university of Alberta, Canada.		Master's Degree In Dental sciences In the Specialty of Oral Medicine, Periodontology and Oral Diagnosis, The British University .		Master's Degree In Oral Medicine, Dentistry and oral health, The Sydney University , Australia		Master's Degree In Oral Medicine Faculty of Dental Sciences M. S. Ramaiah University of Applied Sciences, India		Master's Degree In Oral Medicine Faculty of dentistry & Allied disciplines Shaheed Zulfiqar Ali Bhutto Medical University Islamabad, Pakistan.		Current Program	
	80	28	--	12	62	22	154	25	180	19	64	18	50	20



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Annex-4, Comparison of Program Courses and Similar Programs Courses

#	Current Program	Master's degree in Oral Medicine, Periodontology and Oral Diagnosis , Misr University for Science and Technology Faculty of Dental Surgery, Egypt				Masters (MSc) Oral Medicine, Faculty of Medicine and Dentistry, university of Alberta, Canada.				Master's Degree In Dental sciences in the Specialty of Oral Medicine, Periodontology and Oral Diagnosis, The British University .				Faculty of Dental Sciences M. S. Ramaiah University of Applied Sciences, India				Master of Dental Surgery (MDS), Shahood Zulfikar Ali Bhutto Medical University Islamabad, Pakistan				Master's Degree in Oral Medicine, Dentistry and oral health, The Sydney University , Australia									
		Course	C	L	T	P	Hours	Course	C	L	T	P	Hours	Course	C	L	T	P	Hours	Course	C	L	T	P	Hours	Course	C	L	T	P	Hours
1	Oral Pathology (I)	2	2	1	*	2	Computer applications and biostatistics in specialty	2	General and Oral Pathology	1	*		Biostatistics	Preclinical and Clinical Phase Basics	48	*	*		Introduction to Research	3					Applied Oral Biology	6	*	*			



2	Oral Physiology	1 *	Advanced English Language or TOEFL	2	Oral Medicine Clinics	Research Methodology I + Scientific Writing	1 *	Clinical photography	1 *	Oral Diagnosis & Evaluation of the Dental Patient	3	Oral Pathology Level IA	*	*
3	Oral Histology	1 *	Scientific writing and research methodologies	2	Temporo mandibular Disorders Orofacial Pain and Sleep-Disordered Breathing Clinics	Research Ethics	1 *	Basic and advanced life support	1 *	Pharmacology	3	Internal and General Medicine Level IA	*	*
4	G. Medicine	2 *	Oral Biology and embryology I	3 2	Introduction to Research methods and Data Management	Evidence based research	1 *	Personality Development and Soft Skills	1 *	Ulcerative, Vesicular and Bullous Lesions	5	Research Methods in Dentistry	*	*

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5	Oral Radiology	1	1 *	Oral and Maxillo-facial Pathology I	3	2	2	2	Pain/Sleep Disorders	Oral Biology and Embryology	2 *	Law for Dental Professionals	1 *	Red and White Lesions of the Oral Mucosa	5	Oral Medicine Level IB	12	*
6	Research Methodology and Biostatistics (I)	1	1 *	Oral & Maxillofacial Radiology I	3	2	2	2	Breathing Seminars	Oral maxillofacial pathology I	2 *	Research Methodology	2 *	Pigmented lesions of the oral mucosa	5	Oral Pathology Level IB	3	*
7	Oral Microbiology	1	1 *	General Medicine Dermatology	2	2	1	1	Evidence Based Dentistry	Oral maxillofacial pathology II	2 *	Dissertation	2 *	Benign & Malignant Lesions of the Oral Cavity	3	Internal and General Medicine Level IB	3	*

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8	Pharmacology	2	2	*	Pharmacology	3	2	2	Systematic Reviews in Dentistry	Oral maxillofacial Radiology I	*	Clinical Phase Intermediate	*	Orofacial Pain, Headache & Temporomandibular Disorders	5	Dental Research Studies 1	6
9	Evidence Based in Dentistry	2	2		Human Physiology	3	2	2	Pharmacotherapies in Oral Medicine	Oral maxillofacial Radiology II	2			Oral Diagnosis & Evaluation of the Dental Patient	4	Advanced Studies in Orofacial Pain	6
10	Oral Pathology (2)	2	1	*	Oral Biology and embryology II	3	2	2	Advanced Oral Radiology	General Medicine and Dermatology	2	*	Short term project/Group project	Pharmacology	1.5	Oral Medicine Level 2A	12
11	Immunology	2	2	*	Oral and maxillofacial Pathology II	3	2	2	Advanced Oral Pathology	Pharmacology	2	*	Library Dissertation	Ulcerative, Vascular, and Bullous Lesions	5	Oral Pathology Level 2A	3
12	Research Method	1	1	*	Basics and application microscope	3	2	2	Oral Medicine Seminars	Microbiology and Immunology	2	*	Dissertation	Red and White Lesions of the Oral Mucosa	5	Internal and General Medicine	3

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21	Advanced periodontology II	3	2	*	2	Advanced Oral diagnosis I	*	6	Dental Research Studies 4	Medicine Level 3A
22	Advanced clinical oral diagnosis II	3	2	*	2	Advanced Oral diagnosis II	*	12	Oral Medicine Level 3B	Medicine Level 3B
23	Peri-implant soft tissue management	3	2	*	2		*	3	Oral Pathology Level 3B	Medicine Level 3B
24	Infection control	1					*	3	Internal and General Medicine Level 3B	Medicine Level 3B
25	Dental Ethics	1						6	Dental Research	Medicine Level 3B

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Republic of Yemen
Sana'a University
Faculty of Dentistry



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والتشخيص وأسعة الفم
كلية طب الأسنان
جامعة صنعاء
البحر الأحمر - اليمن

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Annex- 6, Matrix of Mapping Program PILO's with Courses

I = Introduced; P = Practiced; M/A = Mastered/Advanced

#	Course Code	Course Title	Program Intended Learning Outcomes (PILOs)											
			A. Knowledge & Understanding			B. Intellectual Skills			C. Practical Skills			D. Transferable Skills		
			A1	A2	A3	B1	B2	B3	C1	C2	C3	D1	D2	D3
1	BSOP101	Oral Pathology (I)		*	*			*	*			*		
2	BSPH101	Oral Physiology	*	*			*	*		*	*		*	
3	BSOH101	Oral Histology	*	*										
4	BSGM101	G. Medicine	*	*			*	*	*	*		*	*	
5	BSOR101	Oral Radiology	*	*			*	*		*	*		*	*
6	BSRB101	Research Methodology and Biostatistics (I)		*	*	*	*		*			*		
7	BSOM101	Oral Microbiology	*	*		*	*		*			*	*	

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#	Course Code	Course Title	Program Intended Learning Outcomes (PILOs)														
			A. Knowledge & Understanding				B. Intellectual Skills			C. Practical Skills			D. Transferable Skills				
			A1	A2	A3		B1	B2	B3		C1	C2	C3		D1	D2	D3
8	BSPH101	Pharmacology	*	*	*			*	*				*	*	*	*	
9	BSED101	Evidence Based in Dentistry		*	*				*	*						*	*
10	BSOP102	Oral Pathology (2)	*	*				*					*		*		
11	BSIM101	Immunology			*						*			*	*	*	*
12	BSRB102	Research Methodology and Biostatistics (2)			*			*	*	*	*	*	*	*	*	*	*
13	BSMG101	Medical Genetics						*				*					
14	OMSE201	Oral Medicine and Seminar (1)															
15	ODSE201	Oral Diagnosis and Seminar (1)						*					*		*		
16	CTOM201	Current Topics of Oral Medicine (1)		*	*								*	*	*	*	*

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جامعة صنعاء

كلية طب الأسنان

قسم طب الفم وإصابات اللثة

والتشخيص وأشعة الفم

برنامج الدراسات العليا في طب الفم

#	Course Code	Course Title	Program Intended Learning Outcomes (PILOs)											
			A. Knowledge & Understanding			B. Intellectual Skills			C. Practical Skills			D. Transferable Skills		
			A1	A2	A3	B1	B2	B3	C1	C2	C3	D1	D2	D3
17	ODSE202	Oral Diagnosis and Seminar (2)			*			*						
18	OMSE202	Oral Medicine and Seminar (2)							*	*	*	*	*	*
19	CTOM202	Current Topics in Oral Medicine (2)							*	*	*	*	*	*



Prepared by	Head of Department	Quality Assurance Unit	Dean of Faculty	Deputy Centre of Quality Assurance
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Republic of Yemen

Sana'a University

Faculty of Dentistry

Oral Medicine, Periodontology, Oral

Diagnosis and Oral Radiology Department

Postgraduate Program in Oral Medicine



الجمهورية اليمنية

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Annex- 7, CVs for the Preparation Committee

Attached separately.

Prepared by	Head of Department	Quality Assurance Unit	Dean of Faculty	Dean-Centre of Quality Assurance
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