<p align="center">**In the Name of God**</p>

<p align="center">**Islamic Republic of Iran**
Ministry of Health and Medical Education
Deputy Ministry for Education</p>

<p align="center"># Oral and Maxillofacial Surgery
Degree: Specialty equivalent to Master of Science (MSc)</p>

Total Course Credits
- The common basic sciences   175
- The specific sciences   255
- faculty-presented related sciences   200

Program Description

Oral and maxillofacial surgery is one of the specialty courses in dentistry, which deals with the diagnosis and surgical, non-surgical and adjunctive treatment of diseases, lesions, traumas, anomalies, esthetic defects and congenital and acquired functional defects of the soft and hard tissues of the oral and maxillofacial region. Graduates passing the specialty exams held by the authorities of the Ministry of Health, Treatment and Medical Education will be certified as oral and maxillofacial surgeons.

The aim of the curriculum is to train oral and maxillofacial surgeons who have achieved the global and national standards of knowledge levels, academic and clinical skills, beliefs and professional behaviors. In addition, the graduates are expected to offer high-quality preventive and diagnostic services and also offer educational and research services.

The specialty course of oral and maxillofacial surgery lasts 5 years and is a full-time course based on the guidelines of the Council for General and Specialty Dental Courses.

Admission Requirements
- Holding an DDS or DMD degree
- Having passed the National Entrance Exam

Expected Competencies at the End of the Program
General Competencies*
*Note: The related document(s) can be found at http://hcmep.behdasht.gov.ir/.

Specific Competencies and Skills
At the end of the program learners will be competent in the following skills:

- Diagnose diseases, lesions, traumas, congenital defects, acquired infections, traumatic and developmental anomalies and benign and malignant neoplasms of the soft and hard tissues of the oral and maxillofacial region
- Treat the above-mentioned conditions surgically and non-surgically
- Reconstruct soft and hard tissues and carry out esthetic surgeries in the oral and maxillofacial region
- Ability to carry out research and teach in the relevant field

Educational Strategies, Methods and Techniques*

Student Assessment (Methods and Types)
- Formative
- Summative
- Comprehensive exam

Ethical Considerations*

*Note: The related document(s) can be found at http://hcmep.behdasht.gov.ir/.

Tables of the Courses

Note: Residents should attend ER throughout nights as follows:

First Year	12 – 15 nights
Second Year	8 -12 nights
Third Year	6 -10 nights
Fourth Year	4 – 6 nights
Fifth Year	Should remain on call as required

Table 1. The common basic sciences courses in Oral and Maxillofacial Surgery MSc

Code of the course	Course title	Total course hours			
		Workshop	Theoretical	Practical	Total
1	Education technology	40		-	40
2	Computer and information systems in medical sciences	40		-	40
3	Research methods (1)	50		-	50
4	Research methods (2)	30		-	30

5	Medical laws and professional ethics		15	-	15
Total			**160**	**15**	**-**	**175**

Table 2. The specific sciences courses in Oral and Maxillofacial Surgery MSc

Code of the course	Course title	Total course hours		
		Theoretical	Practical	Total
6	Immunology	20	-	20
7	Histology and embryology of the oral and head and neck region	15	-	15
8	Anatomy of the trunk and extremities	75		75
9	Anatomy of the head and neck	20		20
10	Nutrition	10	-	10
11	Genetics	10	-	10
12	Pharmacology	30	-	30
13	Oral Physiology and biology	75	-	75
Total				**255**

Table 3. The faculty-presented related sciences courses in Oral and Maxillofacial Surgery MSc

Code of the course	Course title	Total course hours		
		Theoretical	Practical	Total
14	Orthodontics (1)	40	-	40
15	Orthodontics (2)	80	-	80
16	Oral and maxillofacial pathology	80	-	80
Total		**200**		**200**

Intensive care unit (ICU)

Table 4. The hospital-presented related sciences courses in Oral and Maxillofacial Surgery MSc

Code of the course	Course title	Total course hours		
		Theoretical	Practical*	Total
17	Intensive care unit (ICU)	-	100	100
18	General anesthesia	30	300	330
19	Skin	10	100	110
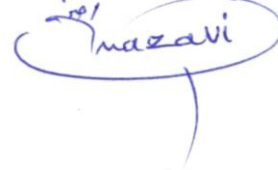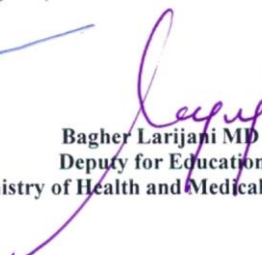
20	Neurosurgery	20	200	220
21	Plastic and reconstructive surgery	20	200	220
22	General surgery	85	300	385
23	Eye	10	100	110
24	Radiology	20	100	120
25	Psychiatry	5	-	5
26	Semiology and internal medicine	150	500	650
27	Ear, nose and throat (ENT)	20	100	120
Total		370	2000	2370

*Every 100 hours lasts one month.

Code of the course	Course title	Total course hours		
		Theoretical	Practical	Total
28	Implantology	20	-	20
29	Reconstruction of soft and hard tissues	40	-	40
30	Literature review (1)	25	-	25
31	Literature review (2)	25	-	25
32	Literature review (3)	25	-	25
33	Literature review (4)	25	-	25
34	Literature review (5)	25	-	25
35	Oral and maxillofacial traumas	80	-	80
36	Practical oral and maxillofacial surgery (1)	-	200	200
37	Practical oral and maxillofacial surgery (2)	-	280	280
38	Practical oral and maxillofacial surgery (3)	-	560	560
39	Practical oral and maxillofacial surgery (4)	-	560	560
40	Practical oral and maxillofacial surgery (5)	-	1400	1400
41	Orthognathic surgeries	100	-	100
42	Esthetic and functional surgeries	100	-	100

43	Outpatient surgeries (1)	-	300	300
44	Outpatient surgeries (2)	-	300	300
45	Preprosthetic surgeries	20	-	20
46	Thesis (1)	30		30
47	Thesis (2)	60		60
48	Thesis (3)	60		60
49	Thesis (4)	100		100
50	Cleft lip and palate, congenital anomalies and syndromes	40	-	40
51	Oral and maxillofacial infections	40	-	40
52	Conferences on clinical pathology (1)	20	-	20
53	Conferences on clinical pathology (2)	20	-	20
54	Conferences on clinical pathology (3)	20	-	20
55	Grand round and patient presentation	400	-	400
56	Temporomandibular joint and chronic facial pains	20	-	20
Total		1045	3850	4895

Table 5. The core courses in Oral and Maxillofacial Surgery MSc

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