

Doctor of Dental Surgery (D.D.S.) _ Six-year Degree Program

First Semester Schedule

Course code	Course Title	Units**
2311274	Persian Literature*	3
2311134	English Language*	3
2311455	Theoretical Biochemistry	4
2311256	Practical Biochemistry	1
8888888	Physical Education 1*	1
2222222	Islamic Thoughts 1*	2
272856	Public and Oral Health	2
2720000	Anatomical Sciences 1 (Anatomy, Histology, Embryology)	4
Total	15 and 5 Units for Theoretical and Practical Courses respectively	20

* Common courses

****Note: In the whole program, each theoretical unit is equal to 17 credit hours, each practical unit is equal to 34 credit hours, each workshop unit is equal to 51 credit hours, and each internship unit is equal to 168 credit hours.**

Complementary pre-college English1: 3 Units

Complementary pre-college English2: 3 Units

General English (Code 2311134)

*Second Semester Schedule**

Course code	Course Title	Units
2312181	Theoretical Physiology	5
2312163	Practical Physiology	1
2311202	Psychology	2
5555555	Ethics Philosophy*	2
2720001	Anatomical Sciences 2 (Anatomy, Histology, Embryology)	3
3333333	Islamic Thoughts 2*	2
9999999	Physical Education 2*	1
1010200	Population and Family Planning	2
Total	14 and 4 Units of Theoretical and Practical Courses respectively	18

* Common courses

Doctor of Dental Surgery (D.D.S.) _ Six-year Degree Program

Third Semester

Course Code	Course Title	Units
2312145	Genetics	2
4444444	Islamic Literature*	2
2720002	Anatomical Sciences 3 (Anatomy, Histology, Embryology)	2
2311446	Theoretical Immunology	2.5
2311437	Practical Immunology	0.5
2311265	Medical physics	2
2311387	Parasitology	1
6666666	History of Islam*	2
272853	Application of computer in dentistry	1
Total	13 and 2 Units of Theoretical and Practical Courses respectively	15

* Common courses

Forth Semester

Course Code	Course Title	Units
2312796	Practical Microbiology	1
2311136	Virology	1
2311378	Bacteriology	3
2720006	Theoretical General Pathology	2.5
2720004	Practical General Pathology	0.5
2720003	Dental caries	1
2720005	Practical Anatomy and Morphology of the teeth	2
1111111	Islamic Revolution and its Origins*	2
7777777	Islamic Culture and Civilization*	2
2373001	Theoretical Dental and Maxillofacial (DMF) Radiology 1	1
2313004	Infection control	1
Total	13.5 and 3.5 Units of Theoretical and Practical Courses respectively	17

* Common courses

Doctor of Dental Surgery (D.D.S.) _ Six-year Degree Program

Fifth Semester

Course Code	Course Title	Units
114	General Pharmacology	2
71	Theoretical Oral and Maxillofacial (OMF) Surgery 1	1
85	Diagnostic Dentistry 1	1
80	Theoretical Restorative Dentistry1	1
20	Practical OMF Pathology 1	1
104	Specialized English 1	1
105	Specialized English 2	1
22	Clinical communication skills	1
79	Basics of Restorative Dentistry	2
99	Practical DMF Radiology 1	1
115	Medical Emergencies in Dentistry	1
120	Basics of Dental Materials	1
48	Basics of Complete Prosthodontics	2
50	Basics of Partial Prosthodontics	1
Total		17

TEHRAN UNIVERSITY OF MEDICAL SCIENCES

Office of Vice-Chancellor for Global Strategies and International Affairs

Directorate of International Affairs and Development

Doctor of Dental Surgery (D.D.S.) _ Six-year Degree Program

Sixth Semester

Course Code	Course Title	Units
73	Practical OMF Surgery 1	1
74	Practical OMF Surgery 2	1
82	Practical Restorative Dentistry 1	1
21	Practical OMF Pathology 2	1
118	Pulp and Periapical complex	1
34	Theoretical Endodontics 1	1
86	Diagnostic Dentistry 2	2
72	Theoretical OMF Surgery 2	1
44	Systemic Diseases 1	2
49	Treatment of Complete Edentulous Patients	1
98	Theoretical DMF Radiology2	1
100	Practical DMF Radiology2	1
52	Practical Complete Prosthodontics 1	2
Total		16

Seventh Semester

Course Code	Course Title	Units
101	Practical DMF Radiology3	1
40	Practical Oral and Maxillofacial (OMF) Diseases 1	2
87	Diagnostic Dentistry 3	2
106	Specialized English 3	1
107	Specialized English 4	1
108	Geriatrics	1
54	Practical Partial Prosthodontics 1	2
25	Theoretical Orthodontics 1	1
60	Theoretical Periodontics 1	1
68	Dental Equipments and Ergonomics	1
78	Pain and pharmacology in Dentistry	1
51	Basics of Fixed Prosthodontics	2
32	Basics of Endodontics 1	1
75	Practical OMF Surgery 3	2
Total		19

Doctor of Dental Surgery (D.D.S.) _ Six-year Degree Program

Eighth Semester

Course Code	Course Title	Units
56	Practical Fixed Prosthodontics 1	2
33	Basics of Endodontics 2	1
83	Practical Restorative Dentistry 2	2
28	Practical Orthodontics 1	1
63	Practical Periodontics 1	1
69	Oral and Maxillofacial Traumatology	1
109	Theoretical Oral Health and Community Dentistry 1	1
44	Systemic Diseases 1	2
88	Diagnostic Dentistry 4	1
81	Theoretical Restorative Dentistry 2	1
26	Theoretical Orthodontics 2	1
24	Medical Ethics, Professional Commitment and Law	1
102	Research Methodology 1	1
103	Research Methodology 2	1
58	Theoretical Advanced Prosthodontics	1
Total		18

Ninth Semester

Course Code	Course Title	Units
36	Practical Endodontics 1	2
94	Practical Pediatric Dentistry 1	2
84	Practical Restorative Dentistry 3	2
53	Practical Complete Prosthodontics 2	2
57	Practical Fixed Prosthodontics 2	2
111	Practical Oral Health and Community Dentistry 1	1
41	Practical OMF Diseases 2	1
35	Theoretical Endodontics 2	1
29	Practical Orthodontics 2	1
64	Practical Periodontics 2	1
27	Theoretical Orthodontics 3	1
61	Theoretical Periodontics 2	1
92	Theoretical Pediatric Dentistry 1	1
89	Diagnostic Dentistry 5	1
	Thesis 1	1
Total		20

Doctor of Dental Surgery (D.D.S.) _ Six-year Degree Program

Tenth Semester

Course Code	Course Title	Units
65	Practical Periodontics 3	1
30	Practical Orthodontics 3	1
62	Theoretical Periodontics 3	1
95	Practical Pediatric Dentistry 2	2
93	Theoretical Pediatric Dentistry 2	1
55	Practical Partial Prosthodontics 2	2
110	Theoretical Oral Health and Community Dentistry 2	1
42	Practical OMF Diseases 3	1
76	Practical OMF Surgery 4	2
90	Diagnostic Dentistry 6	1
70	Nutrition in Oral Health	1
45	Systemic Diseases 2	2
37	Practical Endodontics 2	2
126	Thesis 2	1
121	Scientific Writing	1
Total		20

Eleventh Semester

Course Code	Course Title	Units
66	Practical Periodontics 4	1
31	Practical Orthodontics 4	1
96	Practical Pediatric Dentistry 3	2
112	Practical Oral Health and Community Dentistry 2	1
59	Theoretical Advanced Prosthodontics 2	1
77	Clinical Governance and Quality Improvement	1
91	Diagnostic Dentistry 7	1
46	Systemic Diseases 3	1
47	Systemic Diseases 4	1
38	Practical Endodontics 3	1
43	Psychological Disorders	1
119	Ear, Nose, Throat	1
127	Thesis 3	1
122	Comprehensive Care 1	2
Total		16

Doctor of Dental Surgery (D.D.S.) _ Six-year Degree Program

Twelfth Semester

Course Code	Course Title	Units
123	Comprehensive treatment ²	2
113	Community Dentistry and Oral Health 3	2
124	Practical advanced Prosthodontics	2
39	Theoretical Implantology	1
128	Thesis 4	4
Total		10

Elective Courses

Course Code	Course Title	Units				Credit Hours				Total Units	Prerequisites /Co requisites
		Theoretical	Practical	Workshop	Internship	Theoretical	Practical	Workshop	Internship		
129	Advanced Theoretical Epidemiology 1	2	-	-	-	34	-	-	-	2	103
130	Advanced Theoretical Epidemiology 2	2	-	-	-	34	-	-	-	2	103
131	Health Economics	2	-	-	-	34	-	-	-	2	-
132	Practical Dental Implants	-	2	-	-	-	68	-	-	2	-
133	Practical Periodontics 5	-	2	-	-	-	68	-	-	2	66
134	Health sociology	1	-	-	-	17	-	-	-	1	-
135	Practical Oral and Maxillofacial Surgery 5	-	2	-	-	-	68	-	-	2	76
136	Bleaching Therapy	0.5	1.5	-	2	9	51	-	-	2	81
137	Family Dentistry in Healthcare services	-	-	-	-	-	-	-	136	2	-
138	Dentistry in Crisis	1	-	-	-	17	-	-	-	1	-
139	Forensic Dentistry	0.5	0.5	-	-	9	17	-	-	1	-
140	Psychology for Dentistry	1	-	-	-	17	-	-	-	1	-
141	Biostatistics Methods	2	-	-	-	34	-	-	-	2	103
142	Oral Health and Smoking	-	-	1	-	-	-	51	-	1	-
143	Principles of Lights and Laser in Dentistry	1	-	-	-	17	-	-	-	1	16
144	Clinical applications of Laser in Dentistry	-	2	-	-	-	68	-	-	2	143
145	Principles of Finite Element Analysis	1	-	-	-	17	-	-	-	1	-
146	Principles of Organization and Management	1	-	-	-	17	-	-	-	1	-
147	Health Service Management	2	-	-	-	34	-	-	-	2	-
148	Practical Dental Materials	-	2	-	-	-	68	-	-	2	120
149	Modern Science in Dentistry	2	-	-	-	34	-	-	-	2	-
150	Tooth Engineering and Nano-Bio-Dental Materials	-	-	1	-	-	-	51	-	1	120
Total										35	

Note: The Students should pass 15 units of the Elective Courses