

**Title of the Course:**

Doctor of Dental Surgery (DDS)

**Admission Procedure:**

Admission Via Iranian University Entrance Exam (Konkour)

**Maximum Score in the Class**

20

**The Average of Teaching Hours in a Week**

Theoretical: 5 Hours  
Practical: 15 Hours

**Health Examination**

Health Examination is Performed

**Academic Level**

Doctorate

**Which institute awards the certificate?**

Kurdistan University of Medical Sciences

**Course Duration**

6 years

**Educational Administrators**

Dr. Afshin Shadi (School President)  
Dr. Samira Khaje (Educational Vice-Chancellor)  
Mrs. Shiva Sadegh Sheikhi (Educational Administrator)

## Doctor of Dental Surgery (D.M.S.)

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent
			Theoretical	Practical	Workshop	Total	
1	74102	Theoretical-Practical Anatomy (1)	3	1	–	4	–
2	74119	Theoretical-Practical Medical Physics	0.5	0.5	–	1	–
3	74158	Theoretical Biochemistry (1)	2	–	–	2	–
4	99108	Physical Education (1)	–	1	–	1	–
5	99111	Islamic Texts and Thematic Interpretation of Quran	2	–	–	2	–
6	99122	Persian Literature	3	–	–	3	–
7	99123	General English	3	–	–	3	–

8	99133	Islamic Thought (1)	2	–	–	2	–
9	74128	Computer Applications in Dentistry	–	–	1	1	–
10	99140	Familiarity with the Holy Defense	2	–	–	2	–
<b>Total</b>			19(21)	–			–

**First Semester**

Second Semester

Row	Code of the Course	Name of the Course	Credits				Total	Prerequisite or Concurrent
			Theoretical	Practical	Workshop			
1	74101	Practical Biochemistry	–	1	–	1	Theoretical Chemistry (1)	
2	74106	Theoretical-Practical Anatomy	2	1	–	3	Anatomy (1)	
3	74118	Psychology and	2	–	–	2	–	

		Communication Skills					
4	74150	Theoretical Biochemistry (2)	2	–	–	2	Theoretical Biochemistry (1)
5	74157	Theoretical Physiology (1)	3	–	–	3	–
6	99115	Physical Education (2)	–	1	–	1	Physical Education (1)
7	74105	Human Genetics	2	–	–	2	–
8	99134	Islamic Thought (2)	2	–	–	2	Islamic Thought (1)
9	99134	Islamic Revolution and its Roots	2	–	–	2	–
10	99139	The History of Culture and Civilization of Iran and Islam	2	–	–	2	–
<b>Total</b>	<b>20</b>						

### Third Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent
			Theoretical	Practical	Workshop	Total	

1	74104	Practical Physiology	–	1	–	1	–
2	74105	Family and Population Knowledge	2	–	–	2	–
3	74107	Theoretical Microbiology	3	–	–	3	–
4	74108	Practical Microbiology	–	1	–	1	–
5	74111	Theoretical-Practical Anatomy (3)	1	1	–	2	Anatomy (2)
6	74112	Medical Parasitology and Mycology	1	–	–	1	–
7	74113	Virology	1	–	–	1	–
8	74123	Oral and Community Health	1.5	0.5	–	2	–
9	74149	Theoretical Physiology (2)	2	–	–	2	Theoretical Physiology (1)
10	99116	The History of Islam	2	–	–	2	–
11	99111	Islamic Ethics	2	–	–	2	–
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Fourth Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent	
			Theoretical	Practical	Workshop	Total	Name of the Course	Code of the Course
1	74109	Theoretical Immunology	2.5	–	–	2.5	Anatomy (1)	74102
							Theoretical Physiology	74103
2	74110	Practical Immunology	–	0.5	–	0.5	Theoretical Immunology	74109
3	74114	Theoretical General Pathology	2.5	–	–	2.5	Medical Parasitology and Mycology	74112
							Theoretical Bacteriology	74107
							Human Genetics	74105
							Anatomy (1)	74102
							Theoretical Physiology	74103

							Virology	74113
4	74115	Practical General Pathology	–	0.5	–	0.5	Theoretica l General Pathology	74114
5	74120	Specialize d English Language for the Students of Dentistry (1)	1	–	–	1	–	
6	74121	Infection Control in Dentistry	–	–	1	1	Theoretica l Bacteriolo gy	74107
7	74124	Cariology	1	–	–	1	Theoretica l Bacteriolo gy	74107
8	74125	Dental Equipment and Ergonomic s	–	–	1	1	–	–
9	74127	Tooth Anatomy and Morpholo gy	–	–	2	2	–	–
10	74151	Nutrition in Oral Health	1	–	–	1	–	–

11	74244	Health Economics	2	–	–	2	–	–
<b>Total</b>	15							

### Fifth Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent	
			Theoretical	Practical	Workshop	Total	Name of the Course	Code of the Course
1	74126	Principles of Dental Materials	1	–	–	1	–	–
2	74129	Principles of Comprehensive Prosthesis	–	–	2	2	Dental Anatomy and Morphology	74127
3	74130	Principles of Partial Prosthesis	–	–	1	1	–	–
4	74131	Theoretical Oral and Maxillofacial Surgery (1)	1	–	–	1	–	–
5	74132	Principles of Restorative Dentistry	–	–	2	2	Dental Anatomy and Morphology	74127



							Cariology	7412 4
							Principles of Dental Material	7412 6
6	7412 2	Theoretical Dental and Maxillofacia l Radiology (1)	1	–	–	1	Medical Physics	7411 9
7	7413 6	Specialized English Language for the Students of Dentistry (2)	1	–	–	1	–	–
8	7413 7	General Pharmacolo gy	2	–	–	2	–	–
9	7413 8	Medical Emergencies in Dentistry	0.5	0.5	–	1	–	–
10	7413 9	Pulp and Preapical Complex	1	–	–	1	Cariology	7412 4
11	7414 3	Teaching Clinical Communicat ive Skills	–	–	1	1	–	–
12	7414 8	Systematic Diseases (1)	2	–	–	2	–	–
13	7413 3	Diagnostic Dentistry (1)	1	–	–	1	–	–

14	74229	Mental Illnesses	1	–	–	1	Psychology and Communicative Skills	74118
<b>Total</b>	18							

### Sixth Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent	
			Theoretical	Practical	Workshop	Total	Name of the Course	Code of the Course
1	74142	Theoretical Restorative Dentistry (1)	1	–	–	1	Principles of Restorative Dentistry	74132
2	74140	Treatment of Completely Edentulous Patients	1	–	–	1	Principles of Comprehensive Prosthesis	74129
3	74144	Specialized Language (3)	1	–	–	1	–	
4	74162	Theoretical Periodontics (1)	1	–	–	1	–	

5	74134	Theoretical Dental and Maxillofacial Radiology (2)	1	–	–	1	Theoretical Dental and Maxillofacial Radiology (1)	741 22
6	74255	Psychology in Dentistry	1	–	–	1	–	–
7	74141	Diagnostic Dentistry (2)	2	–	–	2	Cariology	741 24
							Diagnostic Dentistry (1)	741 33
8	74163	Theoretical Orthodontics (1)	1	–	–	1	–	–
9	74183	Systematic Diseases (2)	1.5	0.5	–	2	Systematic Diseases(1)	741 48
10	74145	Practical Oral and Maxillofacial Pathology (1)	–	1	–	1	Practical General Pathology	741 15
11	74152	Practical Complete Prosthesis (1)	–	2	–	2	Principles of Comprehensive Prostheses	741 29
12	74154	Oral Diseases and Practical Diagnosis (1)	–	2	–	2	Cariology	741 24
							Diagnostic Dentistry (1)	741 33
13	74153		–	1	–	1	Practical Oral and	741 45

		Practical Restorative Dentistry (1)					Maxillofacial Surgery (1)	
							Principles of Restorative Dentistry	74132
							Infection Control	74121
							Principles of Dental Material	74126
<b>14</b>	74156	Practical Surgery (1)	–	1	–	1	Theoretical Oral and Maxillofacial Surgery (1)	74131
							Medical Emergency in Dentistry	74138
							Infection Control	74121
<b>15</b>	74135	Practical Radiology (1)	–	1	–	1	Theoretical Dental and Maxillofacial Radiology (1)	74122
<b>Total</b>	<b>19</b>							

### Seventh Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent		
			Theoretic al	Practic al	Worksh op	Tot al	Name of the Course	Code of the	

								Course
1	74159	Theoretical 1 Advanced Dental Prostheses	1	-	-	1	Principles of Partial Prostheses	7413 0
							Principles of Fixed Dental Prostheses	7417 1
2	74176	Theoretical 1 Periodontics (2)	1	-	-	1	Theoretical Periodontics (1)	7416 2
3	74177	Theoretical 1 Orthodontics (2)	1	-	-	1	Theoretical Orthodontics (1)	7416 3
4	74195	Theoretical 1 Surgery (2)	1	-	-	1	Theoretical Oral and Maxillofacial Surgery (1)	7413 1
5	74174	Specialized English Language for the Students of Dentistry (4)	1	-	-	1	-	-
6	74173	Diagnostic Dentistry (3)	2	-	-	2	Diagnostic Dentistry (1)	7413 3

7	74165	Oral Diseases and Practical Diagnosis	–	1	–	1	Oral Diseases and Practical Diagnosis (1)	74154
8	74171	Principles of Fixed Dental Prostheses	–	–	2	2	Dental Anatomy and Morphology	74127
9	74169	Principles of Endodontics (1)	–	–	1	1	Pulp and Preapical Complex	74139
10	74185	Practical Periodontics (1)	–	1	–	1		
11	74184	Practical Orthodontics (1)	–	1	–	1	Theoretical Orthodontics (1)	74163
							Infection Control	74121
12	74160	Practical Partial Prosthesis (1)	–	2	–	2	Principles of Partial Prosthesis	74130
13	74181	Practical Restorative Dentistry (2)	–	2	–	2	Practical Restorative Dentistry (1)	74153

14	74167	Practical Surgery (2)	–	1	–	1	Practical Oral and Maxillofacial Surgery (1)	74156
15	74170	Practical Pathology (2)	–	1	–	1	Practical Oral and Maxillofacial Pathology (1)	74145
16	74155	Practical Radiology (2)	–	1	–	1	Theoretical Oral and Maxillofacial Radiology (2)	74134
							Practical Oral and Maxillofacial Radiology (1)	74135
<b>Total</b>	20							

#### Eights Semester

Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent	
		Theoretical	Practical	Workshop	Total	Name of the Course	Code of the Course

<b>74179</b>	Theoretical Endodontics (1)	1	–	–	1	Pulp and Preapical Complex	74139
<b>74175</b>	Theoretical Advanced Prosthesis (2)	1	–	–	1	Advanced Theoretical Dental Prosthesis (1)	74159
<b>74186</b>	Theoretical Pediatric Dentistry (1)	1	–	–	1	–	–
<b>74146</b>	Theoretical Oral Health and Community Dentistry (1)	1	–	–	1	Psychology and Clinical Communication Skills	74118
						Oral Health and Society	74123
<b>74164</b>	Diagnostic Dentistry (4)	1	–	–	1	Diagnostic Dentistry (1)	74133
<b>74147</b>	Research Methodology (1)	–	–	1	1	Computer Applications in Dentistry	74128
<b>74188</b>	Pain and Pharmacology in Dentistry	–	–	1		General Pharmacology	74137
<b>74189</b>	Principles of Endodontics (2)	–	–	1	1	Principles of Endodontics (1)	74169
<b>74192</b>	Practical Endodontics (1)	–	2	–	2	Principles of Endodontics (2)	74189
<b>74182</b>	Practical Surgery (3)	–	2	–	2	Practical Oral and	74167



						Maxillofacial Surgery (2)	
74227	Practical Fixed Prosthesis (1)	–	2	–	2	Principles of Fixed Dental Prosthesis	74171
74207	Practical Orthodontics (2)	–	1	–	1	Practical Orthodontics (1)	74184
74208	Practical Periodontics (2)	–	1	–	1	Practical Periodontics (1)	74185
74168	Practical Radiology (3)	–	1	–	1	Practical Oral and Maxillofacial Radiology (2)	74155
74262	Health Services Management	2	–	–	2	–	–

### Ninth Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent	
			Theoretical	Practical	Workshop	Total	Name of the Course	Code of the Course
1	74191	Theoretical Endodontics (2)	1	–	–	1	Theoretical Endodontics (1)	74179
2	74161	Theoretical Restorative	1	–	–	1	Theoretical Restorative	74142

		Dentistry (2)					Dentistry (1)	
3	74196	Theoretical Oral health and Community Dentistry (2)	1	–	–	1	Theoretical Oral Health and Community Dentistry (1)	7414 6
4	74194	Theoretical Orthodontic s (3)	1	–	–	1	Theoretical Orthodontic s (2)	7417 7
5	74213	Theoretical Periodontics (3)	1	–	–	1	Theoretical periodontics (2)	7417 6
6	74187	Research Methodolog y (2)	–	–	1	1	Research Methodolog y (1)	7414 7
7	74203	Theoretical Pediatric Dentistry (2)	1	–	–	1	Theoretical Pediatric Dentistry (1)	7418 6
8	74204	Practical Pediatric Dentistry (1)	–	2	–	2	Principles of Endodontics (1)	7416 9
							Principles of Restorative Dentistry	7413 2
							Theoretical Dental and Maxillofacia l Radiology (1)	7412 2

							Infection Control	7412 1
							Practical Dental and Maxillofacial Radiology (1)	7413 5
9	74201	Practical Endodontics (2)	–	2	–	2	Practical Endodontics (1)	7419 2
10	74199	Practical Comprehensive Prosthesis (2)	–	2	–	2	Practical Comprehensive Prosthesis (1)	7415 2
11	74228	Practical Fixed Prosthesis (2)	–	2	–	2	Practical Fixed Prosthesis (1)	7422 7
12	74223	Practical Orthodontics (3)	–	1	–	1	Practical Orthodontics (2)	7420 7
13	74225	Practical Periodontics (3)	–	1	–	1	Practical Periodontics (2)	7420 8
14	74217	Practical Oral health and Community Dentistry (1)	–	1	–	1	Theoretical Oral health and Community Dentistry (1)	7414 6

15	74239	Thesis (1)	–	1	–	1	Research Methodology (2)	74187
16	74178	Diagnostic Dentistry (5)	1	–	–	1	Diagnostic Dentistry (1)	74133
<b>Total</b>	20							

#### Tenth Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent		
			Theoretical	Practical	Workshop	Total	Name of the Course	Code of the Course	
1	74190	Traumatology	1	–	–	1	–		
2	74214	Diagnostic Dentistry (6)	1	–	–	1	Diagnostic Dentistry (1)	74133	

3	74256	Biostatistical Methods	2	–	–	2	Research Methodology (2)	74187
4	74264	New Sciences in Dentistry	2	–	–	2	–	–
5	74197	Scientific Writing	–	–	1	1	Research Methodology (1)	74147
6	74240	Thesis (2)	–	1	–	1	Thesis (1)	74239
7	74236	Practical Restorative Dentistry (3)	–	1	–	1	Practical Restorative Dentistry (2)	74181
8	74202	Practical Endodontics (3)	–	1	–	1	Practical Endodontics (2)	74201
9	74224	Practical Endodontics (4)	–	1	–	1	Practical Endodontics (3)	74223
10	74226	Practical Periodontics (4)	–	1	–	1	Practical Periodontics (3)	74225
11	74218	Practical Oral Health and Community Dentistry (2)	–	1	–	1	Practical Oral Health and Community Dentistry (1)	74166

12	74232	Systematic Diseases (3)	–	1	–	1	Systematic Diseases (2)	74183
13	74238	Systematic Diseases (4)	–	1	–	1	Systematic Diseases (3)	74232
14	74205	Practical Pediatric Dentistry (2)	–	2	–	2	Practical Pediatric Dentistry (1)	74204
15	74180	Practical Partial Prosthesis (2)	–	2	–	2	Practical Partial Prosthesis (1)	74160
<b>Total</b>	<b>19</b>							

#### Eleventh Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent	
			Theoretical	Practical	Workshop	Total	Name of the Course	Code of the Course

1	74230	Ear, Nose and Throat (ENT)	1	–	–	1	–	–
2	74231	Theoretical Dental Implants	1	–	–	1	Practical Fixed Prosthesis (1)	74227
							Practical periodontics (3)	74211
							Practical Oral and Maxillofacial Surgery (3)	74182
3	74172	Medical Ethics, Professional and Legal Commitment	–	–	1	1	–	–
4	74254	Legal Dentistry	0.5	0.5	–	1	–	–
5	74216	Clinical Services Governance and the Improvement of Oral Health Services Quality	0.5	0.5	–	1	Psychology and Clinical Communication Skills	74118
							Oral Health and Society	74123
							Theoretical Oral Health and Community Dentistry (1)	74146

							Theoretical Oral Health and Community Dentistry (2)	7419 6
							Infection Control	7412 1
6	74220	Gerontology	0.5	0.5	–	1	–	–
7	74233	Oral Diseases and Practical Diagnosis (3)	–	1	–	1	Oral Diseases and Practical Diagnosis (2)	7416 5
8	74222	Practical Surgery (4)	–	2	–	2	Theoretical Oral and Maxillofacial Surgery (2)	7422 1
							Theoretical Oral and Maxillofacial Surgery (3)	7418 2
9	74206	Practical Pediatric Dentistry (3)	–	2	–	2	Theoretical Pediatric Dentistry (1)	7418 6
							Practical Pediatric Dentistry (2)	7420 5
10	74237	Practical Advanced Dental Prosthesis	–	2	–	2	Advanced Theoretical Prosthesis (2)	7417 5



11	7423 4	Comprehensive Dental Treatment (1)	-	2	-	2	Theoretical Oral Health and Community Dentistry(2)	7419 6
							Oral Diseases and Practical (2)	7416 5
							Practical Fixed Prosthesis (1)	7422 7
							Practical Partial Prosthesis (1)	7416 0
							Practical Oral and Maxillofacial Surgery (4)	7422 2
							Practical Endodontics (2)	7420 2
							Practical Restorative Dentistry (3)	7423 6
							Practical Periodontics (3)	7421 1
							Diagnostic Dentistry (1)	7413 3
							Diagnostic Dentistry (2)	7414 1

							Diagnostic Dentistry (3)	7417 3
							Diagnostic Dentistry (4)	7416 4
							Diagnostic Dentistry (5)	7417 8
							Diagnostic Dentistry (6)	7421 4
<b>12</b>	7424 1	Thesis (3)	–	1	–	1	Thesis (2)	7424 0
<b>13</b>	7421 9	Practical Oral Health and Community Dentistry (3)	–	1	–	1	Practical Community Dentistry	7421 8
<b>Total</b>	17							

## Twelfth Semester

Row	Code of the Course	Name of the Course	Credits				Prerequisite or Concurrent	
			Theoretical	Practical	Workshop	Total	Name of the Course	Code of the Course

1	74215	Diagnostic Dentistry (7)	–	–	1	1	Dental Anatomy and Morphology	7412 7
							Theoretical Advanced Dental Prosthesis (1)	7415 9
							Diagnostic Dentistry (1)	7413 3
2	74258	Principles of Laser in Dentistry	1	–	–		Practical Medical Physics	7411 9
3	74259	Applications of Laser in Dentistry	–	2	–	2	Principles of Laser in Dentistry	7425 8
4	74250	Practical Oral and Maxillofacia l Surgery (5)	–	2	–	2	Practical Oral and Maxillofacia l Surgery (4)	–
5	74235	Comprehens ive Dental Treatment (2)	–	–	2	2	Comprehens ive Dental Treatment (1)	7423 4
6	74242	Thesis (4)	–	4	–	4	Thesis (3)	7424 1
							Scientific Writing	7419 7
<b>Tot al</b>	12							