

# **Master of Dental Surgery in Endodontics**

## **Study Plan**

Course Code	Course	Contact Hours Per Semester						Credit Hours
		Lecture	Laboratory	Seminars	Clinical	Research	TOTAL	

Year 1 - Semester 1								
1002531	Pre-Clinical Endodontics		48				48	1.0
1002532	Clinical Endodontics 1				320		320	5.0
1002533	Seminar in Endodontics			16			16	0.5
1002534	Investigation leading to Thesis						16	0.5
1002535	Current Literature Review in Endodontics			16			16	0.5
1002536	Case Presentation & Treatment Planning			16			16	0.5
	Introduction to Basic Sciences in Dentistry						0	0.0
1002537	Pulp Biology			16			16	0.5
1002502	Research Methodology I (Scientific Report & Thesis)	32		32			64	2.0
1002538	Preclinical and Clinical Teaching in Undergraduate				48		48	1.0
	<b>Semester Total</b>	<b>32</b>	<b>48</b>	<b>96</b>	<b>368</b>	<b>0</b>	<b>560</b>	<b>11.5</b>

Year 1 - Semester 2								
1002539	Clinical Endodontics II				320		320	5.0
1002640	Seminar in Endodontics			16			16	0.5
1002503	Research Methodology II (Biostatistics)	32		32			64	2.0
1002641	Advanced Biology of the Dental Pulp for the Endodontist			16			16	0.5
1002642	Investigation Leading to Thesis						16	0.5
1002643	Surgical Endodontics			16			16	0.5
1002644	Current Literature Review			16			16	0.5

Course Code	Course	Contact Hours Per Semester						Credit Hours
		Lecture	Laboratory	Seminars	Clinical	Research	TOTAL	
1002645	Case presentation and Advanced Treatment planning			16			16	0.5
1002646	Advanced Root Canal preparation Techniques	8		8			16	0.5
1002647	Advanced Root Canal Obturation Techniques	8		8			16	0.5
1002648	Pulp and periapical pathology			8			8	0.5
1002649	Endodontic Microbiology	8		8			16	0.5
1002740	Preclinical and Clinical Teaching in Undergraduate Program				48		48	1.0
	<b>Semester Total</b>	<b>56</b>	<b>0</b>	<b>144</b>	<b>368</b>	<b>0</b>	<b>584</b>	<b>13.0</b>

Year 2 – Semester 1								
1002741	Clinical Endodontics III				320		320	5.0
1002742	Seminar in Endodontics			16			16	0.5
1002504	Research Project I (Investigation Leading to Thesis)					8	16	0.5
1002743	Current Literature Review in Endodontics			16			16	0.5
1002744	Case Presentation & Treatment Planning			16			16	0.5
1002745	Pharmacology and Medicine in Clinical Endodontics			16			16	0.5
1002746	Retreatment Methodologies	8		8			16	0.5
1002747	Procedural Errors and Management in Endodontics	8		8			16	0.5
1002748	Post Endodontic Restorations	8		8			16	0.5
1002749	Preclinical and Clinical Teaching in Undergraduate				48		48	2.0
	<b>Semester Total</b>	<b>24</b>	<b>0</b>	<b>88</b>	<b>368</b>	<b>8</b>	<b>496</b>	<b>11.0</b>

Course Code	Course	Contact Hours Per Semester						Credit Hours
		Lecture	Laboratory	Seminars	Clinical	Research	TOTAL	

Year 2 – Semester 2								
1002840	Clinical Endodontics IV				320		320	5.0
1002841	Seminar in Endodontics			16			16	0.5
1002505	Research Project II (Investigation Leading to Thesis)	1				8	17	0.5
1002842	Current Literature Review in Endodontics			16			16	0.5
1002843	Case presentation & Treatment planning			16			16	0.5
1002844	Regenerative Endodontics	8		8			16	0.5
1002845	Geriatric Endodontics	8		8			16	0.5
1002846	Endo-Perio Relations	8		8			16	0.5
1002847	Laser use in Endodontics			16			16	0.5
1002848	Preclinical and Clinical Teaching in Undergraduate				48		48	1.0
	<b>Semester Total</b>	<b>25</b>	<b>0</b>	<b>88</b>	<b>368</b>	<b>8</b>	<b>497</b>	<b>10.0</b>

Year 3 – Semester 1								
1002849	Clinical Endodontics V				320		320	5.0
1002506	Research Project III (Investigation Leading to Thesis)					8	16	0.5
1002940	Current Literature Review in Endodontics			16			16	0.5
1002941	Case presentation & Treatment planning			16			16	0.5
1002942	Seminar in Endodontics			16			16	0.5
1002943	Imaging Techniques in Endodontics			16			16	0.5

Course Code	Course	Contact Hours Per Semester						Credit Hours
		Lecture	Laboratory	Seminars	Clinical	Research	TOTAL	
1002944	Preclinical and Clinical Teaching in Undergraduate				48		48	1.0
1002507	Multidisciplinary Treatment Planning I			32			32	1.0
	<b>Semester Total</b>	<b>0</b>	<b>0</b>	<b>96</b>	<b>368</b>	<b>8</b>	<b>480</b>	<b>9.5</b>

Year 3 – Semester 2								
1002945	Clinical Endodontics VI				320		320	5.0
1002509	Research Project IV (Investigation Leading to Thesis)					8	16	0.5
1002946	Current Literature Review in Endodontics			16			16	0.5
1002947	Case presentation & Treatment planning			16			16	0.5
1002948	Seminar in Endodontics			16			16	0.5
1002949	Evaluation of the cases during the program			16			16	0.5
1002950	Research presentation			16			16	0.5
1002951	Preclinical and Clinical Teaching in Undergraduate				48		48	1.0
1002508	Multidisciplinary Treatment Planning II			32			32	1.0
	<b>Semester Total</b>	<b>0</b>	<b>0</b>	<b>112</b>	<b>368</b>	<b>8</b>	<b>496</b>	<b>10.0</b>

	<b>Program Total</b>	<b>137</b>	<b>48</b>	<b>624</b>	<b>2208</b>	<b>32</b>	<b>3113</b>	<b>65.0</b>
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