

Master Degree in Endodontics

Department: Endodontics

Program Aims: The program prepares the students with information related to the core science in endodontics including the different morphological variations in all teeth, how to clean, irrigate and obturate with different instruments, devices and materials. Also, prepare the students with information related to recent diagnostic techniques, selection of cases and formulating a treatment plan for both normal and medically compromised patient. It provides knowledge about advanced treatment outline regarding conventional and surgical Endodontics. The student should be also aware of how to deal with the different clinical mishaps that may occur as emergencies and traumatic conditions in vital and nonvital cases including regenerative techniques in addition to the differential diagnosis of the pulpal and periapical diseases in permanent teeth. The student should know how to judge the sign and symptoms of success and failure and how to manage different cases of retreatment, root resorption and how to diagnose and manage such cases.

Semester I

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
OB501	Oral Biology for Restorative Dentistry	8	2	2	4	2	6	48	3	2
OP501	Oral Pathology for Restorative Dentistry	15	2	2	4	2	6	90	3	3
DBM101	Material Science I	15	2	2	4	4	8	120	3	4
GMSC101	Anatomy of The Head & Neck	15	2	2	4	2	6	90	3	3
ORAD703	Oral Radiology for Specialists	15	2	2	4	4	8	120	3	4
ENDO101	Principles of Endodontics I	15	2	0	2	4	6	90	2	3
ENDO102	Literature Seminar in Endodontics I	15	2	0	2	4	6	90	2	3
ENDO103	Clinical Practice in Endodontics I	15	0	4	4	0	4	60	2	2

Semester II

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
GMSC301	Microbiology & Immunology	15	1	0	1	2	3	45	1	2
GMSC501	Pharmacology	15	1	0	1	2	3	45	1	2
DBM502	Applied Dental Materials for Restoratives	15	2	0	2	2	4	60	2	2
ENDO201	Principles of Endodontics II	15	2	0	2	6	8	120	2	4
ENDO202	Literature Seminar in Endodontics II	15	2	0	2	4	6	90	2	3
ENDO203	Treatment Planning & Case Selection I	15	2	0	2	4	6	90	2	3
ENDO204	Clinical Practice in Endodontics II	15	0	4	4	0	4	60	2	2
ENDO205	Orofacial Pain	8	2	0	2	2	4	32	2	2

Semester III

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
ENDO301	Principles of Endodontics III	15	4	0	4	4	8	120	4	4
ENDO302	Literature Seminar in Endodontics III	15	2	0	2	4	6	90	2	3
ENDO303	Treatment Planning & Case Selection II	15	2	0	2	4	6	90	2	3
ENDO304	Interdisciplinary Treatment Planning I	15	2	0	2	4	6	90	2	3

Semester IV

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
ENDO401	Principles of Endodontics IV	15	4	0	4	4	8	120	4	4
ENDO402	Literature Seminar in Endodontics IV	15	2	0	2	4	6	90	2	3
ENDO403	Clinical Practice in Endodontics IV	15	2	4	6	4	10	150	4	5
ENDO404	Interdisciplinary Treatment Planning	15	2	0	2	4	6	90	2	3

Semester V

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
ENDO501	Principles of Endodontics V	15	4	0	4	4	8	120	4	4
ENDO502	Literature Seminar in Endodontics V	15	2	0	2	4	6	90	2	3
ENDO503	Clinical Practice in Endodontics V	15	2	4	6	4	10	150	4	5
ENDO504	Interdisciplinary Treatment Planning III	15	2	0	2	4	6	90	2	3

Semester VI

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
ENDO601	Principles of Endodontics VI	15	4	0	4	4	8	120	4	4
ENDO602	Literature Seminar in Endodontics VI	15	2	0	2	4	6	90	2	3
ENDO603	Clinical Practice in Endodontics VI	15	2	4	6	4	10	150	4	5
ENDO604	Interdisciplinary Treatment Planning IV	15	2	0	2	4	6	90	2	3