

PhD in Restorative and Esthetic Dentistry

Department: Conservative Dentistry

Program Aims: This full-time, two-year PhD Program provides an advanced knowledge in various areas of Conservative, Restorative and Esthetic Dentistry. The program prepares students for a career in practice, hospital or academia. The program provides theoretical, practical and clinical experience in the conservative restoration of cases ranging from simple cases to multidisciplinary comprehensive full mouth rehabilitation.

a. Compulsory courses

Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
Semester I										
Oper 701	Structure Consideration Of Hard Tooth Tissue	15	4	0	4	2	6	90	4	3
Oper 702	Dental Cardiology	15	2	2	4	2	6	90	3	3
Oper 703	Prevention, Nutrition & Medical Model	15	4	0	4	2	6	90	4	3
Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
Semester II										
OPER 801	Advance in tooth preparation & restorative material & technique	15	2	0	2	4	6	90	2	3
OPER 802	Advance in cosmetic/esthetic restorative treatment	15	2	8	10	2	12	180	6	6
Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
Semester III										
OPER 901	Comprehensive Clinical Management Of restoration (Rehabilitation)	15	2	8	10	4	14	210	6	8
OPER 902	Clinical Stomatognathic Consideration In Restorative Dentistry	15	2	2	4	4	8	120	3	4

Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
Semester IV										
OPER 1001	Multidisciplinary Clinical Comprehensive Management In Restoration	15	2	8	10	4	14	210	6	8
OPER 1002	Tissue Engineering In Restorative Dentistry	15	4	0	4	4	8	120	4	4
OPER 1003	Nanotechnology	15	2	0	2	2	4	60	2	2

b. Elective courses:

Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
ELCT 301	Biomaterial/Tissue Interface & Biodegradation	15	2	0	2	4	6	90	2	3
ELCT 304	Fundamentals of Molecular Biology	15	2	0	2	4	6	90	2	3

SWL: summative workload

Students assessment:

Methods of assessments:
1. Written exams
2. Practical exam
3. Oral exam
4. Case presentation and discussion
5. Self learning assignments