

Doctor of Philosophy in Fixed Prosthodontics

Department: Fixed Prosthodontics

Program Aims: The Program in Fixed Prosthodontics provided an integrated academic activity with clinical practice and research up to outstanding level. The degree will provide a sound basis for developing an academic career as well as specialist in the discipline of prosthodontics. The program offers oral health exceptional academic exposure and experiences the changing needs of a diverse patient population, enhancing knowledge and skills in the area of prosthodontics and implant dentistry. Through this advanced specialty education program in prosthodontics, students will be trained in all phases of dental rehabilitative procedures including implant placement. Candidates will be required to complete an investigation research project that will satisfy the requirements of PhD degree program.

The long-established PhD prosthodontics program in faculty of dentistry, Cairo University, has a reputation that attracts the regional candidates. The faculty is interested with the education of those dentists who wish to advance their skills in prosthodontics to the highest possible standards and meet the regional requirements of potential specialists, academic staffs and researchers.

a. Compulsory courses

Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
Semester I										
FPD 701	Comprehensive Clinical Practice I	15	0	12	12	0	12	180	6	6
FPD 702	Current Prosthodontics Literature Review I	15	4	0	4	6	10	150	4	5

Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
Semester II										
FPD 801	Comprehensive Clinical Practice II	15	0	12	12	0	12	180	6	6
FPD 802	Current Prosthodontics Literature Review II	15	4	0	4	6	10	150	4	5

Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
Semester III										
FPD 901	Comprehensive Clinical Practice III	15	0	12	12	0	12	180	6	6
FPD 902	Current Prosthodontics Literature Review III	15	4	0	4	6	10	150	4	5

Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
Semester IV										
FPD 1001	Comprehensive Clinical Practice I	15	0	12	12	0	12	180	6	6
FPD 1002	Current Prosthodontics Literature Review I	15	4	0	4	6	10	150	4	5

b. Elective courses

HUMANITIES & MANAGEMENT SKILLS										
ELECT 101	Management in dental practice	15	1	0	1	4	5	75	1	3
ELECT 102	Introduction to resources human management	15	1	0	1	4	5	75	1	3
ELECT 103	Introduction to quality management	15	1	0	1	4	5	75	1	3
ELECT 104	Introduction to hospital management	15	1	0	1	4	5	75	1	3
ELECT 105	Introduction to marketing	15	1	0	1	4	5	75	1	3
ELECT 106	Sustainable development and environment management	15	1	0	1	4	5	75	1	3
ELECT 107	Professional behavior and leadership skills	15	1	0	1	4	5	75	1	3
SCIENCES & SKILLS										
ELECT 201	Stem cell application and tissue engineering	15	1	0	1	4	5	75	1	3
ELECT 202	Laser in dentistry	15	1	0	1	4	5	75	1	3
ELECT 203	Infection control and hospital acquired infection	15	1	0	1	4	5	75	1	3
ELECT 204	Patient safety and management risk	15	1	0	1	4	5	75	1	3
ELECT 205	Clinical photography and case presentation	15	1	0	1	4	5	75	1	3
ELECT 206	Dental informatics	15	1	0	1	4	5	75	1	3

ELECT 207	Management of patients with special needs	15	1	0	1	4	5	75	1	3
ELECT 208	Comparative dental anatomy	15	1	0	1	4	5	75	1	3
ELECT 209	Nutrition	15	1	0	1	4	5	75	1	3
ELECT 210	Neuroscience	15	1	0	1	4	5	75	1	3
ELECT 211	Application of interactive computed technology in dentistry	15	1	0	1	4	5	75	1	3
ELECT 212	Experimental animal model	15	1	0	1	4	5	75	1	3
ELECT 213	Psychology of the children	15	1	0	1	4	5	75	1	3
ELECT 214	Modern emerging technology in oral diagnosis	15	1	0	1	4	5	75	1	3
ELECT 215	Oral health education and preventive dentistry	15	1	0	1	4	5	75	1	3
ELECT 216	Geriatric dentistry	15	1	0	1	4	5	75	1	3
ELECT 217	Forensic dentistry	15	1	0	1	4	5	75	1	3
ELECT 301	Biomaterial/ interface and tissue biodegradation	15	2	0	2	4	6	90	2	3
ELECT 302	Curriculum development	15	1	0	1	4	5	75	1	3
ELECT 303	Teaching and learning strategies	15	1	0	1	4	5	75	1	3
ELECT 304	Fundamentals of molecular biology	15	2	0	2	4	6	90	2	3
ELECT 305	Critical thinking	15	1	0	1	4	5	75	1	3
OPER 1002	Tissue engineering in restorative dentistry	15	4	0	4	4	8	120	4	4

SWL: summative workload

Students should study elective courses to complete 120 credit points. Each credit point is equivalent to 28 workload hours.

Students' assessment:

Methods of assessments:
1. Written exam
2. Practical/clinical exam
3. Oral exam
4. Continuous assessment
5. Thesis defense