

## Master Degree in Oral Biology

**Department:** Oral Biology

**Program Aims:** The program aim is to provide the junior oral biologist with deeper knowledge about oral micro & ultra-structure as well as advanced dental anatomy. The program also supplies the candidates with essentials of oral physiology with better understanding of oral functions & occlusion. An important aim as well is to train the candidates for scientific writing. The program enables candidates to keep with international standards of oral histology and cell biology researchers by teaching high level of practical skill. It ensures that students become proficient in the field of histopathology and are competent to handle, prepare and report on a wide range of specimens.

### Semester I

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
OB101	Oral Histology I	15	1	2	3	2	5	75	2	3
OB102	Oral Microbiology	15	1	2	3	2	5	75	2	3
OMED102	Immunology	15	1	0	1	1	2	30	1	1
OP101	Oral Pathology I	15	2	2	4	2	6	90	3	3
GMSC101	Anatomy of the Head & Neck	15	2	2	4	2	6	90	3	3
GMSC401	General Histology	15	1	2	3	2	5	75	2	3

### Semester II

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
OB201	Oral Histology II	15	1	2	3	2	5	75	2	3
OB202	Growth & Development	15	1	2	3	2	5	75	2	3
OB203	Histology, Histochemistry & immunohistochemistry laboratory technology	15	0	2	2	2	4	60	1	2
OMED203	Genetics	15	1	0	1	1	2	30	1	1
OP201	Oral Pathology II	15	2	2	4	2	6	90	3	3
GMSC402	General Histology II	15	1	2	3	2	5	75	2	3

### Semester III

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
OB301	General Embryology & Cytology	15	1	2	3	2	5	75	2	3
OB302	Oral Physiology I	15	1	2	3	2	5	75	2	3
OB303	Human Dentition I	15	1	2	3	2	5	75	2	3
OB304	Electron Microscopy	15	1	2	3	2	5	75	2	3
OB305	Molecular Biology	15	1	2	3	2	5	75	2	3

### Semester IV

Code	Title	Weeks	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
OB401	Craniofacial Embryology	15	2	0	2	2	4	60	2	2
OB402	Oral Physiology II	15	1	2	3	2	5	75	2	3
OB403	Recent Advances in Electron Microscopy	15	1	2	3	2	5	75	2	3
OB404	Human Dentition II	15	1	2	3	2	5	75	2	3