

## PhD in Oral and Maxillofacial Radiology

**Department:** Oral and Maxillofacial Radiology Department

**Program Aims:** The aim of this program is to comprehensively train students to become proficient radiologists, competent teachers, familiar with the foundations of research methodology, and to contribute their skills and knowledge in the service of the profession. This program also aims to provide comprehensive training that assures solid knowledge and proficiency in Oral and Maxillofacial Radiology (OMFRAD) through intensive training in all radiation biology, radiographic techniques, interpretation, sectional anatomy, report writing, and diagnosis of all lesions and abnormalities in OMF region. This program also aims to prepare the graduate to successfully challenge any OMFRAD exams whether locally, regionally or globally.

The purpose of this program is also to provide radiologists with clinical judgment in the selection of equipment and techniques used with compliance with Health Safety Code where the ALARA (As Low as Reasonably Achievable) principle is compulsory. The program will provide radiologists capable of prescribing and interpreting all kinds of radiographs, being professionally responsible/accountable for every detail in the field of view, capable of performing a referral if he/she notices an abnormality beyond his/her competence or ability to interpret regardless of where in the field of view it appears, or if the field of view exceeds their ability to properly interpret.

The objective of this program is also to strengthen understanding of instructional pedagogy and teaching skills. Students participate in workshops on best educational practices for learning in clinical contexts to prepare themselves for instructor roles. This program in addition involves intense research training modules through their courses; the students will undertake customized advanced study and research topics with extensive research training requirements at the PhD level. Students will be able to conduct and participate in all research activities.

### a. Compulsory Courses

Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
<b>Semester I</b>										
ORAD 801	Current Literature in Oral Radiology I	15	2	0	2	6	8	120	2	4
ORAD 802	Advanced Physics for Current Imaging Modalities I	15	2	0	2	3	5	75	2	3
ORAD 803	Clinical Radiology Rotation III	15	0	10	10	0	10	150	5	5
ORAD 804	Case Presentation I	15	0	4	4	2	6	90	2	3
Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
<b>Semester II</b>										
ORAD 901	Current Literature in Oral Radiology II	15	2	0	2	6	8	120	2	4
ORAD 902	Advanced Physics for Current Imaging Modalities II	15	2	0	2	3	5	75	2	3
ORAD 903	Clinical Radiology Rotation IV	15	0	10	10	0	10	150	5	5
ORAD 904	Case Presentation II	15	0	4	4	2	6	90	2	3
Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
<b>Semester III</b>										
ORAD110 01	Current Literature in Oral Radiology III	15	2	0	2	6	8	120	2	4
ORAD110 02	Advanced Physics for Current Imaging Modalities III	15	2	0	2	3	5	75	2	3
ORAD110 03	Clinical Radiology Rotation V	15	0	10	10	0	10	150	5	5
ORAD110 04	Case Presentation III	15	0	4	4	2	6	90	2	3
Code	Title	Week	Didactic	Practical	Contact	Self Study	Work Load	SWL	Credit Hours	Credit Points
<b>Semester IV</b>										
ORAD110 1	Current Literature in Oral Radiology IV	15	2	0	2	6	8	120	2	4
ORAD110 2	Advanced physics for Current Imaging Modalities IV	15	2	0	2	3	5	75	2	3
ORAD110 3	Clinical Radiology Rotation VI	15	0	10	10	0	10	150	5	5
ORAD110 4	Case Presentation IV	15	0	4	4	2	6	90	2	3

SWL: summative workload

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

**Students' assessment:**

<b>Methods of assessments:</b>
<b>1. Written examination</b>
<b>2. Oral examination</b>
<b>3. Practical examination</b>
<b>4. Case presentation and Self-study</b>