

Master of Science - Oral Biology

Plan Description

The future of oral health medicine is dependent upon significant orthodontic and craniofacial research. Masters of Science – Oral Biology emphasizes orthodontic and craniofacial research and aims to aid developing orthodontic residents in becoming successful researchers, educators and/or clinicians. It does this by providing a diverse clinical experience with a strong integration of basic sciences. This program will equip residents with the clinical, the analytical and the managerial skills that are necessary to provide oral healthcare to the community.

For more information about your program, including your graduate program handbook and learning outcomes please visit the Degree Directory.

Plan Admission Requirements

Application deadlines Applications available on the UNLV Graduate College website. In addition to being accepted to the UNLV Graduate College, prospective students must meet the following criteria. **Must be enrolled in the Advanced Education in Orthodontics and Dentofacial Orthopedics certificate residency program. For more information on this program please contact the Dental School. Must** have passed Parts I and II, National Dental Board Examination. Must have earned a DMD/DDS degree from a program in the US or Canada that is fully accredited by the Commission on Dental Accreditation Must be eligible for a Nevada state dental license and receive a full or limited dental license from the Nevada State Board of Dental Examiners prior to engaging in any clinical activity. Application through the Postdoctoral Application Support Service (PASS) including specified letters of recommendations. Background and criminal checks as required. Medical history, immunizations and physicals as required. All ~~domestic~~ **do mestic** and international applicants must review and follow the Graduate College Admission and Registration Requirements. Students are accepted into a degree program as described in the ~~Graduate~~ **Graduate** Catalog. The faculty and corresponding sub-disciplines and sub-plans within the described programs are subject to change at any time.

Plan Requirements

Total Credits Required: 147

Course Requirements

Required Courses – Credits: 141

Complete 141 credits by completing all following courses:

ORTH 8001 Introduction to Orthodontics

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ORTH 8011 Cephalometrics	2
ORTH 8102 Clinical Specialty Seminars I	2
ORTH 8103 Clinical Specialty Seminars II	3
ORTH 8104 Clinical Specialty Seminars III	3
ORTH 8201 Introduction to Clinic Orthodontics	4
ORTH 8202 Clinic Orthodontics	6
ORTH 8203 Clinic Orthodontics	6
ORTH 8204 Clinic Orthodontics	6
ORTH 8205 Clinic Orthodontics	6
ORTH 8206 Clinic Orthodontics	12
ORTH 8207 Clinic Orthodontics	12
ORTH 8512 Biomechanical Principles	2
ORTH 8513 Growth and Development	2
ORTH 8518 Orthodontic Materials	2
ORTH 8602 Diagnosis, Treatment Planning and Case Presentation	4
ORTH 8603 Diagnosis & Treatment Plan	4
ORTH 8604 Diagnosis & Treatment Plan	4
ORTH 8605 Diagnosis, Treatment Planning and Case Presentation	4
ORTH 8606 Diagnosis, Treatment Plan and Case Presentation	8
ORTH 8607 Diagnosis & Treatment Plan	4
ORTH 8803 Literature Review/Journal Club	2
ORTH 8804 Literature Review/Journal Club	2
ORTH 8808 Literature Review IV	1
ORTH 8910 Craniofacial Anomalies	2
PGDE 8312 Independent Research I	3
PGDE 8313 Independent Research II	3
PGDE 8314 Independent Research III	3
PGDE 8315 Independent Research III	3
PGDE 8316 Independent Research	3
PGDE 8402 Biomedical Sciences Core I	4
PGDE 8403 Biomedical Sciences Core II	4
PGDE 8415 Advanced Biomedical Sciences	2
PGDE 8503 Interdisciplinary Diagnosis and Treatment Planning	2
PGDE 8516 Adv Clin Sci: Radiology	4
PGDE 8517 TMD	2
PGDE 8701 PSC: Lit Review	2
PGDE 8702 Res Design	2
PGDE 8703 Research Methods II	2
PGDE 8715 PSC: Practice Management	2
ORTH 8515 Orthognathic Surgery	2
ORTH 8805 Literature Review	2

Thesis – Credits: 6

PGDE 8901 Dissertation I	6
PGDE 8900 Thesis	6

Degree Requirements

The Master of Science – Oral Biology program is designed to be a ~~three-year~~ **34-month** program (divided as follows: Year 1: 3 trimesters (summer, fall, spring); Year 2: 2 semesters (Fall July-Dec, and Spring Jan-June); and Year 3: ~~fall semester~~ **2 semesters (Fall July-Dec, and Spring Jan-April)**). The advanced program in Orthodontics and Dentofacial ~~Othopedicas~~ **Othopedics** is accredited by the Commission on Dental Accreditation; as such graduates of UNLV School of Dental Medicine's Oral Biology program will also receive a certificate in Orthodontics and Dentofacial Orthopedics which is required for licensure. In consultation with his/her advisor, a student will organize a thesis committee of at least three departmental members. In addition, a fourth member from outside the department, known as the Graduate College Representative, must be appointed. An additional committee member may be added at the student and department's discretion. Please see Graduate College policy for committee appointment guidelines.

Plan Graduation Requirements

The student must submit all required forms to the Graduate College and then apply for graduation up to two semesters prior to completing his/her degree requirements. A master's thesis, which carries six credits, is required for the Oral Biology M. S. It must conform to the guidelines set forth by the Graduate College in this catalog and in its Thesis and Dissertation Manual. The M. ~~A~~ **S**. thesis should be an original contribution to academic knowledge. Thesis projects must be designed, developed, and written in close consultation with an appropriate thesis advisor and with the student's thesis committee. The student must submit and successfully defend his/her thesis by the posted deadline. The defense must be advertised and is open to the public.