Orthodontics

Head
- Lina M. Moreno Uribe

Professional certificate: orthodontics
Graduate degree: MS in orthodontics
Faculty: https://dentistry.uiowa.edu/directory
Website: https://dentistry.uiowa.edu/orthodontics

Orthodontics Courses

**ORDN:5200** Temporomandibular Joints and Advanced Topics in Orthodontics 0-1 s.h.

**ORDN:5201** Orthodontic Theory: Diagnosis and Treatment Plan 0,2 s.h.
Diagnosis, treatment planning implementation.

**ORDN:5202** Advanced Case Analysis 0,2 s.h.
Literature concerning orthodontic diagnosis; treatment of particular problems; case histories of patients treated in graduate clinic.

**ORDN:5203** Principles of Biomechanics 0-3 s.h.
Skills for treatment of disfiguring malocclusions; use of edgewise biomechanical therapy; laboratory focus on typodont exercises.

**ORDN:5204** Applied Biomechanics 0-3 s.h.

**ORDN:5205** Facial Growth 0-2 s.h.
Theories, processes; use of accepted facial growth concepts in treatment of individuals with malocclusions during active growth period.

**ORDN:5209** Orthodontic Practicum 0-3 s.h.
Clinical practice.

**ORDN:5210** Orthodontic Seminar 0-3 s.h.
evaluation, discussion, criticism, defense of diagnostic and treatment approaches to orthodontic cases that need, are undergoing, or have completed orthodontic treatment.

**ORDN:5211** Orthodontic Clinical Skills 1 s.h.
A survey of current technology and techniques for the application of tooth moving appliances to patient care.

**ORDN:5212** Pediatric Orthodontic Treatment Theory 1 s.h.
Provides didactic knowledge of early-phase orthodontic treatment indications and educates on orthodontic treatment modalities.

**ORDN:5217** Cephalometrics and Lab Skills 0-3 s.h.
Use of skull X-ray (lateral and/or postero-anterior) in formulating orthodontic diagnosis, treatment plans for malocclusions; cephalometrics as a tool for craniofacial structure research.

**ORDN:5220** Craniofacial Diagnosis, Treatment, and General Topics in Orthodontics 0-3 s.h.
Literature on anatomy, phylogeny, ontogenesis, physiology of craniofacial structures.

**ORDN:5221** Surgical Orthodontic Seminar 0-1 s.h.
Evaluation, discussion, criticism, defense of diagnostic and treatment approaches to orthodontic cases that need, are undergoing, or have completed surgical-orthodontic treatment.

**ORDN:5400** Craniofacial Practicum 0,2 s.h.

**ORDN:6211** Problems: Orthodontics 0-3 s.h.

**ORDN:6212** Research: Orthodontics 0-3 s.h.

**ORDN:6215** Orthodontic Journal Club 0-3 s.h.
Current biological, technical publications.

**ORDN:8215** Growth and Development 1 s.h.
Normal human growth and development; emphasis on craniofacial region.

**ORDN:8235** Orthodontic Laboratory 1 s.h.

**ORDN:8236** Orthodontic Treatment 1 s.h.
Terminology, methodology, and principles used in orthodontic diagnosis. Corequisites: ORDN:8235.