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

Courses

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 Pediatric 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.