

# Orthodontics Courses (ORDN)

## ORDN Courses

This is a list of courses with the subject code ORDN. For more information, see Orthodontics (College of Dentistry) in the catalog.

**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 Clinical Skills and Laboratory Techniques** 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.  
Application of the terminology, methodology, and principles of orthodontic diagnosis using case-based studies. Corequisites: ORDN:8236.

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