Orthodontics (ORTD)

Courses

ORTD 513. Craniofacial Growth and Development. 4 hours.  
Physiology of the stomatognathic system, behavioral development,  
implications of craniofacial growth and development, reactions  
of periodontal tissues to applied force and prevalence; causes of  
malocclusion. Course Information: Prerequisite(s): Matriculation into the  
Certificate Program in Orthodontics or M.S. in Oral Sciences program.

ORTD 521. Methodologies in Craniofacial Research. 1 hour.  
Demonstration and discussion of the techniques and methods employed  
in the study of the structure, growth and function of the craniofacial  
region.

ORTD 524. Craniofacial Anomalies I. 2 hours.  
Introduction to a variety of orofacial clefts, etiology, clinical presentation,  
growth and development and habilitation via an interdisciplinary team  
approach. Longitudinal analysis of cases with cleft lip and palate. Class  
Schedule Information: To be properly registered, students must enroll in  
one Laboratory-Discussion and one Lecture-Discussion.

ORTD 525. Craniofacial Anomalies II. 1 hour.  
Introduction to treatment aspects of patients with orofacial clefts and to  
a variety of craniofacial anomalies, their etiology, clinical presentation,  
growth and development and habilitation through a team approach.  
Clinical rotations through the Center for Craniofacial Anomalies. Course  
Information: Prerequisite(s): ORTD 524. Class Schedule Information: To  
be properly registered, students must enroll in one Laboratory-Discussion  
and one Lecture-Discussion.

ORTD 537. Biostatistics Applied to Craniofacial Research. 2 hours.  
Multivariate statistical techniques applied to craniofacial growth research.  
Course Information: Prerequisite(s): ORTD 523 and a basic univariate  
statistics course.

ORTD 595. Seminar in Orthodontics. 1-2 hours.  
Presentations by selected guest lecturers on research or clinical material  
relating to matters of interest to the Department of Orthodontics. Course  
Information: Satisfactory/Unsatisfactory grading only. May be repeated to  
amaximum of 13 hours. Prerequisite(s): Enrollment in the orthodontics  
postgraduate or oral sciences graduate program.