Orthodontics (ORTD)

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 
a maximum of 13 hours. Prerequisite(s): Enrollment in the orthodontics 
postgraduate or oral sciences graduate program.