ORTHODONTICS (ORTH)

ORTH 801. Orthodontic Technique. 4 Credits.
Introduction to orthodontic technique and procedures for beginning orthodontic graduate students.

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

ORTH 802. Current Topics in Orthodontics. 2 Credits.
Seminars on pertinent orthodontic literature for advanced orthodontic students.

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

ORTH 803. Orthodontic Diagnosis. 2 Credits.
Principles of orthodontic diagnosis and analysis of diagnostic records for orthodontic specialists.

Rules & Requirements
Grading Status: Letter grade.

ORTH 805. Advanced Clinical Orthodontics. 2-6 Credits.
Clinical Orthodontics

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

ORTH 806. Science of Tooth Movement. 2 Credits.
Mechanical principles in orthodontic force production and control; biological response to orthodontic force.

Rules & Requirements
Grading Status: Letter grade.

ORTH 807. Orthodontic Biomaterials. 1-3 Credits.
Introduction to orthodontic biomaterials and integration with the basic principles of engineering, science, and orthodontics.

Rules & Requirements
Grading Status: Letter grade.

ORTH 808. Growth and Development. 4 Credits.
Principles of growth and development, emphasizing dento-facial development from an evolutionary and molecular biology perspective, as well as the traditional anatomical perspective.

Rules & Requirements
Grading Status: Letter grade.

ORTH 809. Preventative Orthodontics. 3 Credits.
Preventative orthodontics.

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

ORTH 810. Multidisciplinary Management of Craniofacial Anomalies. 1 Credit.
This course introduces the graduate student to the management of patients with craniofacial anomalies using a multidisciplinary team approach. The course gives the graduate student a basic understanding of the role of specialties involved, the procedures, and timing of interventions in the management of craniofacial patients from birth to adulthood.

Rules & Requirements
Repeat Rules: May be repeated for credit.
Grading Status: Letter grade.

ORTH 815. Oral-Pharyngeal Function. 1 Credit.
Maturation of oral and pharyngeal function, including speech and its relation to dento-facial development.

Rules & Requirements
Grading Status: Letter grade.

ORTH 822. Environment of Specialty Practice. 3 Credits.
Trends in health care delivery; organization and management of orthodontic specialty practice.

Rules & Requirements
Grading Status: Letter grade.

ORTH 901. Research in Craniofacial Sciences. 1 Credit.
This course is a seminars series for orthodontic dental graduate students that meets monthly throughout the year. In the course, students develop an understanding of research methodology, study design, technical writing and scientific communication including public speaking. This course will assist graduate students with choosing mentors, designing thesis projects, writing research proposals, interpreting data, presenting aims and their resulting data. Students must be enrolled in a graduate program at UNC ASOD.

Rules & Requirements
Repeat Rules: May be repeated for credit. 6 total credits. 6 total completions.
Grading Status: Letter grade.

ORTH 992. Master's (Non-Thesis). 3 Credits.
Individual research under the direction of a mentor with the intention of publication. Completion of a manuscript and submission is a requirement for an MS degree.

Rules & Requirements
Repeat Rules: May be repeated for credit.

ORTH 993. Master's Research and Thesis. 3 Credits.
Individual research under the direction of a mentor and committee. Completion of a thesis for an MS degree is required.

Rules & Requirements
Repeat Rules: May be repeated for credit.