OSCI 581. Advanced Oral Sciences II. 2 hours.
Continuation of OSCI 580. Course Information: Prerequisite(s): OSCI 580.

OSCI 583. Research Laboratory Rotation. 1-4 hours.
Students participate directly in laboratory research; learn to approach a scientific problem and to perform various experimental techniques to investigate the problem. Course Information: May be repeated to a maximum of 6 hours.

OSCI 590. Hominid Evolution, Dental Anthropology, and Human Variation. 1 hour.
Evolution; hominid origins; organization and development of human dentition, agenesis, metric and non-metric variation in tooth form, human growth and maturation, variation and adaptation. Course Information: Prerequisite(s): Consent of the instructor.

Faculty supervised research projects. Research may not duplicate that being done in OSCI 598. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the instructor.

OSCI 594. Special Topics in Oral Sciences. 1-4 hours.
Content varies. Selected topics of current interest in oral sciences. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Graduate or postgraduate standing and consent of the instructor.

OSCI 595. Oral Science Research Seminar. 1 hour.
Oral science research presentations and journal article discussion by students. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the instructor.

OSCI 596. Independent Study. 1-4 hours.
Faculty-supervised independent study not included in regular course offerings. Course Information: May be repeated. Students may register in more than one section per term. Prerequisite(s): Consent of the instructor.

OSCI 598. Master's Thesis Research. 0-16 hours.
Thesis research to fulfill master's degree requirements. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Matriculation into the Master of Science in Oral Sciences program and consent of the director of graduate studies.

OSCI 599. Doctoral Thesis Research. 0-16 hours.
Independent investigation carried out by Ph.D. candidates under supervision of the student's Advisory Committee. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Satisfactory completion of Candidacy Examination.

OSCI 451. Research Methodology. 1 hour.
Designed to help the student understand, utilize and appreciate the process of scientific inquiry. Course Information: Primarily intended for students enrolled in the Master of Science in Oral Sciences degree program. Prerequisite(s): Matriculation into the Master of Science in Oral Sciences program, or courses in basic biological sciences or the equivalent background and consent of the instructor.

OSCI 504. Advanced Dental Materials. 3 hours.
A seminar course designed to develop an advanced understanding of dental materials and a fundamental knowledge of materials science. Involves a critical evaluation of the literature.

OSCI 506. Advanced Oral Histology and Immunology. 2 hours.
Lectures and discussions on the structure and functions of lymphoid tissues with special interest in orally related diseases. Course Information: Previously listed as HSTL 506. Prerequisite(s): HSTL 401 and consent of the instructor.

OSCI 531. Peer Reviewed Publishing. 3 hours.
Preparation and submission of a manuscript suitable for a peer-reviewed publication. Course Information: 3 hours. Prerequisite(s): Open only to students in the UIC College of Dentistry Postgraduate Specialty Programs. Class Schedule Information: To be properly registered, students must enroll in one Discussion and one Laboratory.

OSCI 534. Dental and Medical Anthropology Within Human Evolution. 1-3 hours.
Studies the biological and physical anthropology of hominid teeth and the craniofacial complex with relevant medical anthropology, ethnomedical and health-related topics. Course Information: Same as ANTH 534 and PMPG 534. Field work required. A lab experience, independent study and a research paper is required for 3 hours of credit. Prerequisite(s): Graduate standing and consent of the instructor.

OSCI 544. Advanced Craniofacial Anatomy. 3 hours.
Functional and clinical aspects of head and neck anatomy. Includes laboratory dissection and readings from the anatomical, clinical and other literature. Course Information: Same as ANAT 544. Specimen provision by sponsoring department required. Prerequisite(s): DDS or MD degrees, a course in human head and neck anatomy. Class Schedule Information: To be properly registered, students must enroll in one Laboratory-Discussion and one Lecture-Discussion.

OSCI 580. Advanced Oral Sciences I. 2 hours.
Discussion follows presentation of faculty research. Topics include developmental and molecular biology, tissue engineering, genetics and structural biology in tandem with cutting-edge dental technology.