PROSTHODONTICS (PROS)

PROS 622. Preclinical Fixed Prosthodontics. 2 Hours. Yearlong course; 1 lecture contact hours. 2 credits. Designed for the second-year dental student to introduce basic principles of fixed prosthodontics and gain experience with the fundamental steps necessary in rendering this type of care. This includes preparing teeth to receive fixed prosthodontic restorations, making impressions, making interim restorations and selected steps in fabricating a cast restoration. This course contains both a lecture and laboratory component with the skill development depending exclusively on the laboratory experience.

PROS 623. Preclinical Fixed Prosthodontics Laboratory. 4 Hours. Yearlong course; 6 laboratory contact hours. 4 credits. Designed for the second-year dental student to introduce basic principles of fixed prosthodontics and gain experience with the fundamental steps necessary in rendering this type of care. This includes preparing teeth to receive fixed prosthodontic restorations, making impressions, making interim restorations and selected steps in fabricating a cast restoration. This course contains both a lecture and laboratory component with the skill development depending exclusively on the laboratory experience.

PROS 624. Preclinical Removable Prosthodontics. 2 Hours. Yearlong course; 2 lecture hours. 2 credits. An introductory course in removable prosthodontics, including complete dentures and removable partial dentures. Presents the basic information, which is prerequisite for understanding the laboratory procedures and the diagnosis and treatment planning of patients requiring CDs and RPDs. Graded as CO in the fall semester with a letter grade and credit awarded in spring.

PROS 625. Preclinical Removable Prosthodontics Lab. 4 Hours. Yearlong course; 4 laboratory hours. 4 credits. An introductory course in removable prosthodontics, including complete dentures and removable partial dentures. Presents the basic information, which is prerequisite for understanding the laboratory procedures and the diagnosis and treatment planning of patients requiring CDs and RPDs. This laboratory course provides hands-on skill development of these procedures. Graded CO in fall with a letter grade and credit awarded in spring.

PROS 626. Clinical Principles of Dental Implantology Lecture. 1 Hour. Semester course. 1 credit. Enrollment restricted to admitted dental students. Offered in tandem with a laboratory course and providing didactic information on the same topic, this course is a preclinical experience for predoctoral students, designed to introduce necessary clinical skills for dental implantology.

PROS 628. Clinical Principles of Implantology Lab. 1 Hour. Semester course; 48 lab contact hours. 1 credit. Enrollment restricted to admitted dental students. Offered in tandem with a lecture course and providing didactic information on the same topic, this course is a preclinical laboratory experience for predoctoral students, designed to introduce necessary clinical skills for dental implantology. Simulated activities include diagnosis and treatment planning, fabrication of a surgical guide, implant surgery, implant prosthodontic impression making, master cast fabrication, implant crown provisionalization, and implant overdenture treatment skills. Students will see demonstrations of cone-beam CT scan technology, computer-based software for implant surgical treatment planning and computer-based CAD-CAM design for custom implant abutments.

PROS 700. Senior Selective in Advanced Clinical Prosthodontics. 4 Hours. Semester course; 3 clinical and 1 didactic hours per week. 4 credits. Prerequisites: Successful completion of PROS 623, PROS 624, PROS 731, PROS 735, PROS 739 and permission of the course director. This class is a two-semester clinical course designed to develop advanced skills in treating prosthodontic cases beyond the level of basic clinical competency required for graduation. Graded CO in the first semester and P/F in the second.

PROS 731. Complete Denture Prosthodontics. 1.5 Hour. Semester course; 1.5 lecture hours. 1.5 credits. Designed to present the current concepts, principles and diagnostic techniques required to diagnose, treatment plan and predict the outcome of the treatment of edentulous patients and patients requiring a single denture against natural teeth. Acceptable clinical procedures are presented for the management of patients that fall into the above categories. Correlation of basic and clinical science is emphasized, as well as the prosthodontic ramifications of the mechanical and behavioral sciences.

PROS 735. Removable Prosthodontics Diagnosis and Treatment. 1.5 Hour. Semester course; 1.5 lecture contact hours. 1.5 credits. Designed to prepare students to apply their preclinical removable prosthodontic knowledge and skill in the clinical setting. Focuses on the diagnosis and treatment planning aspects of clinical care.

PROS 739. Clinical Fixed Prosthodontics III. 2 Hours. Yearlong course; 2 clinical contact hours. 2 credits. This course builds on technical skills developed in PROS 622 (D2 year) and applies them to patient care in the clinical setting. Graded CO in the fall semester with a letter grade and credit awarded in spring.

PROS 740. Clinical Removable Prosthodontics. 3.5 Hours. Yearlong course; 3.5 clinical hours. 3.5 credits. Prerequisite: PROS 624. This course builds on technical skills developed in PROS 624 (D2 year) and applies them to patient care in the clinical setting. Graded CO in the fall semester with a pass/fail grade and credit awarded in spring.

PROS 749. Clinical Prosthodontics IV. 7 Hours. Yearlong course; 3-4 clinic sessions per week. 7 credits. This capstone course provides clinical experience in basic fundamental prosthodontic procedures, including diagnosis, management and treatment of patients in need of reconstructive fixed, removable or implant prosthodontic care. The course also includes both technical and competency assessment of the dental student’s skills as an entry-level general dentist. Students receive CO grading in the fall and a pass/fail grade and earned credit in the spring.