

Winter Term
DS2 Required Courses

CDEN 700 Health Promotion

The purpose of this course is to provide dental students with the theory and application of concepts in health promotion. Education and motivation are key elements in the process of behavior modification. An understanding of these concepts will enable the student to provide dental health care that is culturally sensitive, fosters positive health behaviors, and acknowledges the health beliefs of individuals and communities.

DEN 730-740 Introduction to Comprehensive Care I - IV

DEN 730-758 courses evaluate students' ability to provide comprehensive patient care including patient management, clinic utilization and time management, and quality of care appropriate to student's level. All courses in the DEN series (730 in the DS1 year, 740 in the DS2 year, 754-5 in the DS3 year and 756-758 in the DS4 year), focus on the integration of the clinical disciplines in the provision of comprehensive care to meet patient needs.

FPROS 722 Fixed Pros III

FPROS 722 is the third of four courses in the Fixed Prosthodontic Technique Lecture and Laboratory series. Students learn to construct provisional restorations using custom matrices for crowns and fixed partial dentures, anterior and posterior. They fabricate working dies for fixed partial dentures, make a full contour wax-up on the working die mounted on the articulator and complete a full contour wax-up and cutback for ceramo-metal anterior fixed partial denture. Upon completion of the course the student will prepare and provisionalize a three unit anterior fixed partial denture and a posterior fixed partial denture.

OD 722 Diagnostic Process II

OD722 provides DS2 students with a systematic approach to comprehensive oral diagnosis and treatment planning for use in the School of Dentistry predoctoral student clinic and in dental practice following graduation. This course builds upon knowledge gained and skills developed in OD711 (Diagnostic Process I). In OD722 students learn to interpret data collected via the patient history questionnaire, patient interview and clinical examination, to create a comprehensive problem list, to identify and document treatment modifiers and treatment objectives, and to develop and present comprehensive treatment plans. Upon completion of the course, students will be prepared to perform all of the steps involved in comprehensive patient evaluation and treatment planning, with appropriate guidance and supervision, in the School of Dentistry predoctoral student clinic. This course includes lectures and case conference laboratory sessions.

OP 722 Operative Technique Lecture & Lab IV

OP 722 is the fourth in a series of five combined didactic and laboratory operative technique courses. The topics of indirect gold, caries, pulp protection, treatment planning and tooth whitening will be introduced. As the students learn about these different dental materials and procedures they will have the immediate opportunity to apply that knowledge in the simulation clinic. Upon completion of this course the student will demonstrate an understanding of the physical properties, considerations, preparations, casting, and cementation of indirect gold restorations, caries removal, pulp capping, treatment planning; and bleaching tray fabrication.

OPTH 723 Immune-Mediated Diseases

OPTH 723 is designed to analyze major mechanisms of disease with emphasis on the resultant beneficial and harmful immune responses of the host. The focus is on understanding underlying processes using key example diseases to give depth for evaluating immunopathologic mechanisms. The course provides the student a foundation for future pathology and clinical courses and a rationale for locating and evaluating new information concerning past, present and future diseases. Topics include granulomatous diseases, fungal infections, key viral diseases, transplantation, immunodeficiencies, autoimmune diseases, and immune-mediated oral diseases. Much of the material highlights the immunopathology of mucosal diseases.

OPTH 725 Caries

OPTH 725 is designed to acquaint the student with caries development, diagnosis, and treatment. The focus is on understanding underlying processes, providing a foundation for future pathology and clinical courses, and locating and evaluating new information concerning past, present and future caries knowledge. The course includes discussion of tooth structure and its relationship to lesion development, the effects of fluoride on tooth structure, resistance to caries, fluorosis, microbiology of caries, histopathology and radiological interpretation. The clinical correlation between didactic course material and current and future clinical practices is emphasized.

ORD 722 Facial Growth

ORD 722, a lecture course, introduces basic concepts of human craniofacial growth from prenatal development through adulthood. Lectures emphasize the time-dependent changes that occur with growth and physical maturation. Special emphasis is given to basic knowledge and understanding of bone and tooth development, craniofacial growth, eruption of teeth, and how patterns of facial growth and tooth eruption relate to normal occlusion and malocclusions.

OS 725 Pain and Anxiety Control: LA

OS 725, Pain and Anxiety Control: Local Anesthesia, introduces the dental student to the management of pain control through the use of local anesthetics. Content in physiology, the psychology of pain, pharmacologic agents and possible complications prepares the student to provide safe and effective pain control. This is a combined didactic and laboratory course providing students the opportunity to practice hands-on administration of block injections.

PER 721 Non-Surgical Periodontics

This course will present the student with the opportunity for clinical application of periodontal techniques and theory presented in PER 711, 712, 713 and PER 720. The student will act as a secondary dental provider, providing prevention and definitive control of periodontal disease to assigned patients with less complicated periodontal case types. Upon completion of the course, students will be prepared to perform a comprehensive periodontal examination, prevention education, and scaling and root planing at a beginner level.

PER 730 Applied Periodontology

PER 730, Applied Periodontology, is the second course in a series of three didactic courses designed to assist the DS2 in translating previous didactic information into actual practice in the student clinic. Because periodontal health cannot be improved without changes in patient health behaviors, this course also assists the student in acquiring patient behavior modification skills for clinical health promotion. Contemporary topics and/or controversies in Periodontics are presented from case and evidence-based perspectives. Topics include advanced diagnosis, periodontal medicine, local antimicrobial therapy, treatment plan presentation strategies. Course participants will learn how to acquire evidence for supporting clinical decisions related to periodontal interventions and apply to clinical periodontally diseased cases.

REST 710 Introduction to Implant Dentistry

The purpose of this course is to present current information and hands on experiences that will familiarize the student with basic dental implant procedures. Experiences will prepare the student to handle simple clinical cases and discern case difficulty.

RPROS 722 Removable Prosthodontic Technique II

RPROS 722 is the second in a series of three courses in the DS2 year covering removable prosthodontics technique, lecture and laboratory. Topics covered include clinical procedures required for fabrication of complete dentures including diagnosis, treatment planning, preliminary and final impressions, maxillo-mandibular relations, prostheses delivery, and post operative care. Other related topics include theory and fabrication of immediate dentures, denture repair, implant overdentures, and denture relining procedures.