

Winter Term
DS3 Required Courses

CDEN 741 Practice Transitions

CDEN 741, Practice Transitions, provides third year dental students with general background in practice opportunities with an emphasis on employment opportunities and owning a dental practice. Associateships, partnerships, and purchasing a practice are discussed and compared. Students receive guidance in evaluating a new practice, arranging financing and writing an effective business plan.

DEN 754-758 Comprehensive Care I-V

DEN 754-758 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.

ENDO 730-742 Endodontology Clinic I-V

The endodontology clinical series provides practical experience in the diagnosis and treatment of increasingly more difficult endodontic cases with less supervision by the department faculty with each successive term. The student is exposed to the use of the dental operating microscope and ultrasonics as adjuncts to their usual armamentarium. The student learns to recognize which cases are appropriate for referral to a specialist. After gaining adequate experience the student will complete a test case or clinical competency. The test case requires that the student demonstrate proficiency in the following areas: diagnosis/case presentation, preparation for treatment, control of pain and anxiety, access opening, radiographic/electronic WL determination, cleaning and shaping, master cone check, obturation, case completion, interaction with patient/faculty and organization/asepsis.

OPTH 732 Oral Pathology III

This course will present local and systemic diseases that affect the oral and paraoral tissues. The etiology, pathogenesis, clinical and radiographic appearance, treatment, and histopathology of these diseases will be discussed. Emphasis will be given to the development of a meaningful clinical differential diagnosis and effective, two-way communication between the dental clinicians, oral pathologist, oral surgeon and other health care professionals. This course covers the five major categories of disease: developmental, inflammatory, metabolic, neoplastic and miscellaneous. The class will participate in clinicopathologic conferences, and during the conferences cases from the different categories of disease will be presented and informally discussed.

ORD 732 Orthodontics II

This lecture course covers the etiology and recognition of malocclusion, indications for treatment, biologic basis for tooth movement and an overview of the needs of the cleft lip and palate patient, the TMJ patient, the periodontal-orthodontic patient and the orthognathic surgery patient.

OS 700 Medical Emergencies

OS 700, Medical Emergencies, is designed to prepare the student to manage medical emergencies which could arise in the dental office. The course provides a comprehensive review of medical emergencies stressing the prevention, recognition and management protocols for altered consciousness and drug related, cardiac related, respiratory medical emergencies. Students will gain a thorough understanding of the appropriate response to medical emergencies including the appropriate use of the Emergency Medical System/911.

OS 731 Oral Surgery I

OS 731, Oral Surgery I, provides the future general practitioner information necessary to diagnose a variety of oral and maxillofacial conditions and to have a working understanding of the surgical methods to treat those diagnoses. Specific disorders include nerve injuries, orthognathic surgery, oral cancer, myofacial trauma, jaw tumors, TMJ, and osteonecrosis of the jaw. The prevention and management of surgical complications are discussed. Upon completion of the course the student will deliver a case based presentation to classmates.

PEDO 731-743 Pediatric Dentistry Clinic I-V

PEDO 731-743, Pediatric Dentistry Clinic, is the clinical application of principles and techniques related to clinical care of children and adolescents. Students provide comprehensive care for assigned patients, both new and recall patients, in a manner consistent with a general practitioner. The specific services provided will depend upon the needs of each randomly assigned patient. Students work under the guidance of a section instructor and are evaluated on the development of their professional skills and judgment in pediatric care delivery as well as their technical skills and productivity.

PEDO 740 Pediatric Dentistry for Children with Special Needs

PEDO 740, Pediatric Dentistry for Children with Special Needs, provides the fourth year dental student with further development of clinical skills related to pediatric dental care in a general dental practice. Specific topics may include diagnosis and treatment planning, pulpal therapy, management of traumatized teeth, guidance of developing dentition, behavior management and prevention of caries.

PER 731-743 Periodontology Clinic I - V

Through the clinical periodontology series students have the opportunity to apply principles and techniques from the pre-clinical didactic and lab courses to the care of patients with gingivitis and mild to moderate periodontitis. Students gain experience in screening for periodontal diseases, evaluating the periodontium, and recognizing and diagnosing periodontal diseases. Students provide nutritional analysis, smoking cessation, home care instruction, periodontal risk analysis and non-surgical periodontal therapy. By assisting post-graduate students in surgical and nonsurgical therapy students gain an insight into the dental specialty of periodontics. Upon completion of the course series the student must demonstrate proficiency in periodontal skills independent of instructor guidance by completing two competency exams, (1) treatment planning, and (2) scaling and root planning with a moderately advanced periodontally involved patient. Prior to graduation the student will have the opportunity to participate in a simulated State Board Licensing Exam.

PROS 733 Advanced Concepts in Pros III

PROS 733 completes the three-term sequence of prosthodontic courses for the DS3's. The course relates to restoring the partially edentulous patient to biological and psychological function. In depth instruction is given for the procedures of fabrication of maxillary and mandibular removable partial dentures. Included are the steps involved in the design of metal frameworks and dental laboratory communication. The fixed prosthodontic aspect of the course is largely involved with various topics about survey crowns. Also included is the use of implants with removable partial dentures.

REST 740-744 Restorative Dentistry Clinic I-V

REST 740-741, Restorative Dentistry Clinic I-II, is the DS3 course series involving the clinical application of the principles and techniques taught in the operative dentistry, fixed and removable prosthodontics technique courses. Students conduct their own practice in a manner similar to a graduate practitioner, under the guidance of an assigned instructor. The student completes the diagnosis and the treatment plan for each assigned patient. Students are expected to demonstrate the ability to provide appropriate restorative procedures at the beginner level with some guidance and advice for a variety of clinical cases. Upon completion of this DS3 course series the student will progress from beginner to intermediate levels of critical thinking and problem solving skills associated with assessing patient needs, designing individualized treatment plans, and managing technical procedures in operative dentistry, fixed prosthodontics and removable prosthodontics.