

Fall Term

DS3 Required Courses

CDEN 732 Introduction to Dental Practice

CDEN 732, Introduction to Dental Practice, provides the dental student with insights into the leadership and managerial roles that the dentist must play in the administration of the day to day operations of our dental practices. Topics discussed include managing human resources, managing the dental hygiene department, employer/employee relations, personnel policies, criticism and discipline skills for managers, starting a new practice, and fraud and embezzlement.

DEN 754-758 Comprehensive Care I-V

DEN 754, Comprehensive Care I, is the first preclinical course in the Comprehensive Care course series, DEN 730-758, evaluating the students' ability to provide comprehensive patient care appropriate to student's experience level. All courses in the DEN series focus on the integration of the clinical disciplines in the provision of care to meet patient needs. The guiding principles are: 1) comprehensive care is provided; 2) care is provided in a timely manner; 3) patient care is of high quality; 4) patients report satisfaction with care received; 5) confidentiality of patient information is maintained; and 6) care is delivered in a safe environment.

DM 731 Applied Dental Materials

DM 731, Applied Dental Materials, provides information about the characteristics and behavior of the materials used in dentistry to maintain, restore and replace oral tissues. The purpose of this course is to provide the student with basic concepts and practical information that will aid them in selecting, placing, and evaluating present and future dental materials. Emphasis is placed on identifying the criteria for materials selection for specific dental situations, an identification of the indications and contraindications for various materials for a given patient and circumstance, a discussion of the limitations and benefits of current materials and how they may be improved in the future, and practical information about the appropriate handling and placement of current dental materials.

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.

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ENDO 733 Endodontic Principles & Practices II

ENDO 733 builds upon and expands the core knowledge base introduced in ENDO 723. It covers material necessary for the diagnosis of pulpal and periradicular disease and its treatment including endodontic evaluation, management of traumatized teeth, endodontic and periodontic interrelationships, endodontic treatment for young permanent dentition, geriatric endodontics and analgesics and local anesthesia.

OPTH 731 Oral Pathology II

OPTH 731 is the second in a continuum of four quarters of Oral Pathology (OPTH 730 - OPTH 733). These courses 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 is discussed. Emphasis is 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. Students participate in clinicopathologic conferences, where the following topics are presented and informally discussed: odontogenic tumors, environmental alterations of tooth structure, pulpitis and periapical disease, dental infection and osteomyelitis, periodontal disease, and bacterial and fungal infections.

OS 722 Introduction to Oral Surgery

OS 722, Introduction to Oral Surgery, provides the DS3 with an understanding of the basic principals of the clinical practice of Oral & Maxillofacial Surgery. This course provides a comprehensive description of the basic oral surgery procedures performed by most general practitioners. Topics discussed include patient evaluation, risk management, infection control, uncomplicated and surgical exodontia, surgical complications, preprosthodontic surgery, odontogenic infection, TMJ and myofacial pain disorders. Students also gain an understanding of when more advanced and complex surgical management is needed and when to refer to a specialist.

PEDO 721 Child Development

PEDO 721, Child Development I, provides the third year dental student with background for assessment of children's problems and treatment planning of remedial and preventive care. Included are methods and rationale for oral restorative and pulpal therapy, basic concepts of dental development and child behavior guidance. Other topics include the specialized application of anesthesia, periodontal disease, space maintenance and interceptive orthodontics to the pedodontic patient. Upon completion of the laboratory portion of this course the student will begin treatment of pediatric patients in the pediatric dentistry clinic (PEDO 731).

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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.

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 732 Advanced Concepts in Pros II

PROS 732 is a continuation of PROS 731 for the DS3's. Common concepts are re-enforced and expanded upon as they relate to restoring the edentulous patient to biological and psychological function. In depth instruction is given for the procedures for fabrication of maxillary and mandibular complete dentures including chair-side techniques and the laboratory procedures involved. Intertwined with this is the awareness of patient management and various approaches to behavioral modification.

REST 740 Restorative Dentistry Clinic I

REST 740, Restorative Dentistry Clinic I. This course is the first in a sequence of five courses 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 the course the student will demonstrate beginner 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.