

Fall Term

DS4 Required Courses

CDEN 702 Ethics in Dentistry

CDEN 702, Ethics in Dentistry, presents the concepts of biomedical ethics and guides the student in discerning and managing the ethical issues of dental practice through analysis and discussion of case based dental problems and ethical dilemmas.

CDEN 742 Dental Practice Operations

CDEN 742, Dental Practice Operations, provides fourth-year dental students with a general background on how to manage their dental practices. Topics of discussion include dental practice purchase, reimbursement programs, fee schedules, marketing, treatment plan development and acceptance, credit management and accounts receivable.

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.

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.

ENDO 743 Endodontology Principles & Practices III

The purpose of this course is to provide fourth year dental students with information that will allow them to provide a standard of care consistent with the Quality Assurance Guidelines for Endodontics. Topics of discussion include revision of failing endodontics, treatment of traumatic injuries, endodontic surgery, endodontic emergencies treatment of infections, treatment planning and practice management.

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FPROS 741-743 Fixed Prosthodontic Clinic III-V

The Fixed Prosthodontics clinical series provides practical clinical experience in the application of principles and procedures learned in the preclinical fixed prosthodontics technique courses. Through clinical experience students develop skills in critical thinking and problem solving associated with assessing patient needs, designing individualized treatment plans, and managing technical fabrication of fixed prosthesis. Skills in judgment and the ability to efficiently analyze more complex cases are developed. For successful course completion students must demonstrate competency in the care of patients needing gold crown and ceramometal restorations by successfully completing detailed evaluations of their preparation, provisionalization, impression, laboratory work and delivery.

OP 741 - 743 Operative Dentistry Clinic III - V

OP 731-743, Operative Dentistry Clinic I-V, takes the DS3 student from beginning to integrate the principles and techniques taught in the pre-clinical operative technique courses into clinical patient care and working more independently and developing consistency in the quality of their work in the DS4 year. Students conduct their own practice in a manner similar to a graduate practitioner within a group practice and under the guidance and advice of an assigned instructor. For each assigned patient with operative needs the student will complete the diagnosis and treatment plan and follow up with amalgam, composite and cast gold restorations and caries risk and prevention as needed. Emphasis is placed on the student's performance relative to professionalism, technical skills, and ability to provide quality care in a reasonable time.

OPTH 741 Principles of Medicine

OPTH 741, Principles of Medicine, prepares dental students to address the needs of medically compromised dental patients. This course provides students with an overview of the basics of medicine including cardiac conditions; women's health issues; alcoholism; rheumatologic diseases such as rheumatoid arthritis; pulmonary diseases including COPD and asthma; hematologic diseases including bleeding disorders such as Von Willebrand's disease, hemophilia and chronic renal failure; endocrine disorders such as diabetes and Graves disease; gastric disorders; and central nervous system disorders including stroke and epilepsy.

OS 733 Advanced Oral Surgery

OS 733, Advanced Oral Surgery, builds on oral and maxillofacial surgery topics introduced in the junior year. It provides information to aid the future general dentist in treatment planning and providing basic surgical care for uncomplicated disorders. To provide greater understanding more advanced surgical topics are also introduced including orthognathic surgery, facial trauma, distraction osteogenesis, dentoalveolar complications, advanced pathology, pediatric oral surgery, and craniofacial reconstruction.

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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.

RPROS 743-745 Removable Prosthodontic Clinic III-V

The Removable Prosthodontics clinical course series provides the students practical clinical experience in the treatment of partially and completely edentulous patients. Students apply knowledge and skills from didactic and technique courses to patient care. Patient care involves diagnosis and treatment planning, patient management, and technical fabrication of removable prosthesis. Upon course completion the student will demonstrate competency by fabricating a complete denture including final impressions, wax trial dentures and delivery; and by fabricating a removable partial denture including survey and design, mouth preparation and delivery.