

## **Winter Term**

### **DS4 Required Courses**

#### **CDEN 743 Dental Practice Options**

CDEN 743, Dental Practice Options, provides the dental student with opportunities to interact with faculty members to gain assistance in planning their future after dental school. A forum is provided to offer advice and counseling in both the public and private sectors of dental practice. Students who are undecided find this course especially helpful in coming to a decision regarding the type of environment in which they want to practice.

#### **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.

#### **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 student 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.

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#### **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.

#### **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.

#### **REST 721 Advanced Topics in Restorative Dentistry II**

The purpose of this course is to present students with the latest information in restorative dentistry, with an emphasis on providing information beyond that presented in preclinical courses. It is designed to build on didactic lessons provided in the first three years of the Restorative Dentistry curriculum as well as to integrate didactic information with the students' early clinical experiences.

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#### **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.