

# PROSTHODONTICS (PROS)

## Courses

### **PROS 500. Prosthodontic Literature Review. 2 Units.**

Discusses assigned topics from classic and current prosthodontic and course-related literature, led by students and moderated by faculty member in charge. Repeated registrations required to fulfill the total units.

### **PROS 501. Removable Partial Prosthodontics Literature Review. 2 Units.**

Discusses assigned topics from classic removable partial denture literature, led by students and moderated by faculty member in charge.

### **PROS 502. Complete Denture Prosthodontics Literature Review. 2 Units.**

Discusses assigned topics from classic complete-denture literature, led by students and moderated by faculty member in charge.

### **PROS 505. Patient Presentation Seminar (Prosthodontics, Implant, Perio). 2 Units.**

Presents patient treatment. Discusses alternate methods of rehabilitation, as well as related literature. Repeated registrations required to fulfill the total units.

### **PROS 515. Practice Teaching in Prosthodontics. 1,2 Unit.**

Teaching experience in the areas of fixed and removable prosthodontics. Repeated registration required to fulfill the total units.

### **PROS 525. Dental Materials Science. 2 Units.**

Elements of materials science. Properties of structural solids, metals, ceramics, and polymers related to their structure—using basic laws and principles from physics, chemistry, and engineering science.

### **PROS 527. Clinical Application of Dental Materials. 2 Units.**

Discusses clinical application and manipulation of dental materials. Identifies and explains specific clinical problems and behavior based on the acquired knowledge of basic properties.

### **PROS 546. Occlusion and Morphology. 2 Units.**

Lecture, seminar, and laboratory course that includes waxing techniques and axial and occlusal morphology of natural teeth. Concepts of occlusal function and dysfunction related to prosthodontic therapy.

### **PROS 547. Occlusion: Principles and Instrumentation. 2 Units.**

Continues PROS 546—emphasizing occlusal equilibration, jaw movements, determinants of occlusion, and articulators commonly used.

### **PROS 555. Removable Partial Prosthodontics. 2 Units.**

Lecture, seminar, and laboratory course covering principles, concepts, and techniques used to design and fabricate removable partial dentures.

### **PROS 556. TMJ Function and Dysfunction. 1 Unit.**

Provides students with information about the function and dysfunction of the temporomandibular joint and associated structures. Prepares students to obtain history, perform clinical examination, recognize disorders, and prescribe treatment. Introduces students to diagnosis and treatment of sleep apnea, as well as neuropathic and neurovascular pain. Students complete a term paper on a related topic.

### **PROS 557. Advanced Removable Partial Prosthodontics. 2 Units.**

Advanced clinical and laboratory procedures, emphasizing intracoronal attachments, rotational path, and alternate removable partial-denture design.

### **PROS 565. Complete Denture Prosthodontics. 2 Units.**

Clinical and laboratory procedures for the fabrication of complete dentures, including setting and balancing denture teeth.

### **PROS 566. Advanced Complete Denture Prosthodontics. 2 Units.**

Lecture and clinical course, with seminar covering the treatment of immediate denture and overdenture, and treatment of difficult and unusual complete denture situations.

### **PROS 575. Fixed Partial Prosthodontics. 2 Units.**

Tooth preparation for and fabrication of extracoronal restorations and fixed prostheses, including partial coverage gold crowns, complete coverage gold crowns, pinledge retainers, metal-ceramic crowns, metal-ceramic pontics, and sanitary pontics.

### **PROS 576. Advanced Fixed Partial Prosthodontics I (MC Aesthetics). 2 Units.**

Clinical and laboratory procedures, emphasizing advanced metal-ceramic restorations.

### **PROS 595. Maxillofacial Prosthetics. 2 Units.**

Design and fabrication of obturators for partial maxillectomy patients, both edentulous and dentulous. Introduces fabrication of extraoral prostheses.

### **PROS 604. Literature Review in Implant Dentistry for Prosthodontists. 2 Units.**

Gives the postdoctoral student a deeper understanding of the research and literature currently available on the restoration of implants. Emphasizes biomechanics of implant restorations. Repeated registrations required to fulfill the total units.

### **PROS 634. Diagnosis and Treatment Planning. 2 Units.**

Didactic and clinical aspects of diagnosis and treatment planning for patients with complex dental problems. Repeated registrations required to fulfill the total units.

### **PROS 637. Geriatric Dentistry. 1 Unit.**

Lectures selected to enhance the knowledge base in the expanding area of elder care. Problems of chronic diseases combined with multiple drug regimens that complicate care for this population.

### **PROS 696. Scholarly Activity in Prosthodontics. 1 Unit.**

Selected didactic, clinical, and/or laboratory activity developed by the program director or a designated program faculty member. Primarily designed for students to fulfill the certificate requirements for scholarly activity/research in prosthodontics. Multiple registrations may be needed to complete these activities.

### **PROS 697A. Research. 1 Unit.**

Student identifies a research project, prepares a proposal, and obtains approval for the protocol. Multiple registrations may be needed to complete these research activities.

### **PROS 697B. Research. 1 Unit.**

Conducting the actual research project, including the data collection. Multiple registrations may be needed to complete these research activities.

### **PROS 697C. Research. 1 Unit.**

Student completes research project, holds a public presentation of research, and submits a publishable paper to their research guidance committee (RGC) for approval. Multiple registrations may be needed to complete the publishable paper.

### **PROS 698. Thesis. 2 Units.**

### **PROS 710. Clinical Practice of Prosthodontics. 6 Units.**

Advanced clinical practice in the treatment of individuals with fixed, removable, maxillofacial, or implant prostheses. A minimum of 180 clock hours per quarter. Repeated registrations required to fulfill total units.