

# Graduate Periodontics (PERG)

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Course information contained within the Bulletin is accurate at the time of publication in July 2024 but is subject to change. For the most up-to-date course information, please refer to the Course Catalog.

## **PERG 8300. Periodontal Case Presentations. 2 Credit Hours.**

This course focuses on presentations of documented clinical periodontal patient cases for analysis and critical discussion of diagnosis, treatment and outcomes. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

## **PERG 8301. Introduction to Postgraduate Periodontology. 2 Credit Hours.**

An orientation course including overview of clinical periodontology, periodontal anatomy and pathogenesis, clinical methods, photography and record keeping.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **PERG 8302. Biology and Pathology of the Periodontium. 2 Credit Hours.**

Seminars reviewing the scientific literature on development, morphology, and physiology of periodontal tissues; histopathology of periodontal diseases; and current concepts on mechanisms of periodontal tissue destruction and repair. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **PERG 8305. Combined Spec Treat Plan. 2 Credit Hours.**

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **PERG 8306. Introduction to Oral Implantology. 1 Credit Hour.**

Biologic basis for dental implants, including implant biomaterials and bioengineering, biology of bone healing, osseointegration, prosthetic and surgical considerations, implant maintenance, and etiology and management of implant complications.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **PERG 8307. Advanced Periodontal Microbiology and Immunology. 1 Credit Hour.**

Basic biology, methods of identification, pathogenic mechanisms, host inflammatory and immunological responses, and therapeutic implications of bacteria, yeasts, and viruses implicated as putative pathogens in human periodontal diseases.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **PERG 8308. Treat/Plan Dental Implan. 1 Credit Hour.**

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

## **PERG 8309. Clinical Oral Implantology. 2 Credit Hours.**

This course focuses on clinical training to competency in treatment planning, surgical placement, and maintenance of endosseous dental implants. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**PERG 8310. Classic Periodontal Literature Review. 2 Credit Hours.**

Critical review of selected classical basic science and clinical research papers pertinent to periodontology. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**PERG 8311. Advanced Oral Implantology. 1 Credit Hour.**

Advanced Oral Implantology is a 1-credit course which includes 14 hours of didactic classes. The course builds upon knowledge obtained in the Introduction to Oral Implantology.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**Pre-requisites:** Minimum grade of P in PERG 8306.

**PERG 8313. Conscious Sedation. 2 Credit Hours.**

Didactic and clinical training to provide training for the resident in the methods of pain and anxiety control to achieve in-depth knowledge in all areas of conscious sedation, and proficiency in more than one method of conscious sedation. These methods include nitrous oxide/oxygen inhalation sedation, oral sedation or intravenous sedation. Course instruction will include a review of human physiology, physical evaluation, treatment of the medically compromised patient and management of medical emergencies. Residents must complete ACLS and provide documentation as part of this course. Upon completion the resident may qualify for conscious sedation permit in Pennsylvania.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**PERG 8314. Hospital Dentistry. 2 Credit Hours.**

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may not be repeated for additional credits.

**PERG 8320. Current Periodontal Literature Review. 1 Credit Hour.**

Critical review of selected recent basic science and clinical research review papers pertinent to periodontology. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**PERG 8330. Special Topics in Perio. 2 Credit Hours.**

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**PERG 8340. Oral Implantology Literature Review. 2 Credit Hours.**

Study and critical review of basic science and clinical scientific literature on dental implants. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**PERG 8350. Interdisciplinary Comprehensive Dental Treatment Planning Grand Rounds. 2 Credit Hours.**

Interdisciplinary treatment planning conference exploring complex patient cases. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**PERG 9385. Clinical Periodontal Practice. 1 to 12 Credit Hour.**

Clinical experience and documentation in diagnosis, treatment and prevention of periodontal diseases, and periodontal maintenance care. May be repeated for credit.

**Field of Study Restrictions:** Must be enrolled in one of the following Fields of study: Periodontics.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**PERG 9387. Practice Teaching Periodontology. 2 Credit Hours.**

In this course, students gain experience in clinical instruction and patient care supervision in the predoctoral periodontology education program. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**PERG 9487. Oral Pathology Laboratory Rotation. 2 Credit Hours.**

Participation and experience in microscopic examination and diagnosis of human oral tissues at the oral and maxillofacial pathology laboratory biopsy service at Temple University Hospital.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.

**PERG 9991. Directed Research in Periodontology. 4 Credit Hours.**

Development and conduct of a basic science or clinical research project or literature review pertinent to periodontology under faculty mentorship. May be repeated for credit.

**Level Registration Restrictions:** Must be enrolled in one of the following Levels: Graduate.

**Repeatability:** This course may be repeated for additional credit.