

PERIODONTICS (PERI)

PERI 5011. Advanced Periodontics. 1 Credit Hour.

Prerequisites: Instructor Permission. May be repeated; maximum credit 3 hours. This course presents the basic themes of management and treatment of periodontal diseases. Different aspects of periodontal therapy will be discussed and presented, including diagnosis, treatment planning, surgical and non-surgical treatment modalities, evaluation of therapeutic outcomes as well as interaction with other dental and medical specialties. (S I, II, III)

Course Type: Lecture

PERI 5012. Clinical Pharmacotherapeutics. 2 Credit Hours.

May be repeated; maximum credit 2 hours. A clinically oriented course in pharmacology with emphasis on those drugs most commonly used in dentistry. The clinical aspects, mechanisms, interactions and contraindication of drugs taken by the dental patient are stressed.

Course Type: Lecture

PERI 5101. Introduction to Periodontal Graduate Clinic. 1 Credit Hour.

Prerequisites: Instructor Permission. This course will introduce students to the Graduate Periodontal Clinic and its guidelines. Students will learn infection control, HIPAA, patient examination and photography, diagnosis, basic instrumentation and completion of the patient electronic health record (EHR). (S, I)

Course Type: Clinical

PERI 5102. Sedation & Medical Emergencies. 2 Credit Hours.

Prerequisites: Instructor Permission. This course will focus on the basic science, pharmacology, record keeping, administration and management of conscious sedation of patients in both a lecture and hands-on format. This course will also review medical emergencies in the dental office and how to manage them. (S I)

Course Type: Lecture

PERI 5142. Classic Literature Review I. 2 Credit Hours.

Prerequisites: Instructor Permission. May be repeated; maximum credit 6 hours. Student will read, review, abstract and discuss assigned literature in periodontics in a seminar format. An in-depth review of classic literature, including study goals, methodology, results, conclusions and impact in periodontology must be discussed. May be repeated in the fall semester with a change in literature; maximum credit 6 hours. (F I, II, III)

Course Type: Lecture

PERI 5152. Classic Literature Review II. 2 Credit Hours.

Prerequisites: Instructor Permission. May be repeated in the spring semester with a change in literature; maximum credit 6 hours. Students will read, review, abstract and discuss assigned literature in periodontics in a seminar format. An in-depth review of classic literature, including study goals, methodology, results, conclusions and impact in periodontology must be discussed. (Sp I, II, III)

Course Type: Lecture

PERI 5171. Periodontics/Prosthodontics Seminar. 1 Credit Hour.

May be repeated; maximum credit 3 hours. A series of seminars with presentation and discussion of treatment planning cases by the graduate periodontic students. Cases requiring combined therapy will be the focus of these seminars.

Course Type: Lecture

PERI 5341. Graduate Teaching I. 1 Credit Hour.

This course is designed to give the student teaching experience in both the clinical and lecture setting. Clinically, the student will direct, advise and evaluate the progress of the pre-doctoral students and their patients. He/she will also prepare and present assigned lectures to pre-doctoral students. May be repeated in spring semester with a change of subject matter; maximum credit 3 hours.

Course Type: Clinical

PERI 5351. Graduate Teaching II. 1 Credit Hour.

Prerequisites: Instructor Permission. May be repeated with a change of subject matter; maximum credit 3 hours. The course gives the student continued teaching experience in the clinical and lecture setting. Clinically the student will direct, advise and evaluate progress of the pre-doctoral student. The student will also present assigned lectures over surgical topics. (Sp, II, III)

Course Type: Clinical

PERI 5411. Current Literature Review I. 1 Credit Hour.

Prerequisites: Instructor Permission. May be repeated; maximum credit 3 hours. This seminar will focus on the most current literature of clinical topics being discussed and performed in the graduate periodontal clinic. Students will be required to read, provide an abstract and discuss assigned literature in periodontics and dental implants. (F, I, II, III)

Course Type: Discussion

PERI 5421. Current Literature Review II. 1 Credit Hour.

Prerequisites: Instructor Permission. May be repeated in the spring semester with change in subject matter; maximum credit 3 hours. This seminar will focus on current literature in periodontics and associated areas. Students will evaluate assigned articles for context, study design, and contribution to the practice of periodontics. (Sp I, II, III)

Course Type: Discussion

PERI 5611. Case Presentation Seminar I. 1 Credit Hour.

Prerequisites: None. May be repeated with change of subject matter; maximum credit 3 hours. Student presentation of documented cases and discussion of assigned topics of some specific areas in periodontics. The preparation and case presentation will comply to the current guidelines of the American Board of Periodontology.

Course Type: Discussion

PERI 5621. Case Presentation II. 1 Credit Hour.

Prerequisites: None. May be repeated with change of subject matter; maximum credit 3 hours. The resident will document and submit a treated periodontal case. The preparation and case presentation will comply to the current guidelines of the American Board of Periodontology. The student will be required to discuss and defend all modalities of therapy related to his/her case.

Course Type: Discussion

PERI 5630. Clinical Patient Care I. 1-2 Credit Hours.

Prerequisites: Instructor Permission. May be repeated; maximum credit 6 hours. This course involves clinical periodontal treatment of patients. The student will be able to conduct a thorough clinical examination involving periodontal analysis, diagnosis and treatment. This experience will included management of cases of various complexity; all treatment will be coordinated with faculty. (S I, II, III)

Course Type: Clinical

PERI 5642. Clinical Patient Care II. 2 Credit Hours.

Prerequisites: Instructor Permission. May be repeated with a change of subject matter; maximum credit 6 hours. The diagnosis and management of the periodontal patient in the college of dentistry clinic. (F, I, II, III)

Course Type: Clinical

PERI 5652. Clinical Patient Care III. 2 Credit Hours.

Prerequisites: Instructor Permission. May be repeated; maximum credit 6 hours This course involves clinical periodontal treatment of patients. The student will be able to conduct periodontal analysis, diagnosis and treatment. This experience will include management of cases of various complexity; all treatment will be coordinated with faculty. (Sp I, II, III)

Course Type: Clinical

PERI 5801. Advanced Oral Histology And Pathology. 1 Credit Hour.

The objective of this course is to build on the preexisting base of knowledge in the area of pathology, oral pathology and histology. The course will be directed at preparing the student for both clinical application of pathologic data and the use of pathologic data as a research tool. Both preexisting study sets and daily accessioned material in the oral pathology lab will be used in the teaching program.

Course Type: Lecture

PERI 5830. Implant Literature Seminar. 1-2 Credit Hours.

Prerequisites: Instructor Permission. May be repeated with change of content; maximum credit 6 hours. Seminar series on dental implantology covering the biologic, clinical and technical aspects of dental implant therapy being presented in lecture with demonstration, review of literature, discussion and participation. (F, Sp I, II, III)

Course Type: Lecture

PERI 5960. Directed Readings. 1-4 Credit Hours.

May be repeated with change of content; maximum credit 4 hours. Discussion and reports on directed readings on selected topics in periodontics.

Course Type: Independent Study

PERI 5980. Research for Master's Thesis. 2 Credit Hours.

Prerequisites: PERI 5011, PERI 5101, BSE 5163, CTS 5143. May be repeated; maximum credit 12 hours. This course will focus on the development and implementation of a master's thesis research topic, completing this project during the second or third year of the program. A Master's thesis is the product of individual research that may be original in the field and must be original with the student. (F, Sp, S II III)

Course Type: Independent Study

PERI 5990. Special Studies. 1-6 Credit Hours.

Prerequisites: None. May be repeated with change of subject material, maximum credit 6 hours. An opportunity for qualified students to pursue an independent investigation or an interest in a special topic.

Course Type: Lecture

PERI 7192. Preventive Dentistry. 2 Credit Hours.

Introduction to dental plaque and its relation to dental diseases, including basics of health history, oral examination, techniques of plaque disclosure, plaque computation and removal and methods of home care.

Course Type: Lecture

PERI 7193. Preventive Dentistry. 3 Credit Hours.

Prerequisites: In good standing in year one (1) of the D.D.S. program. This course is designed to introduce basic concepts of preventative dentistry and oral prophylaxis. Students are introduced to basic clinical procedures, including infection control, periodontal assessment, plaque control, instrument recognition, and instrumentation technique for oral prophylaxis. (F; I)

Course Type: Lecture

PERI 7292. Oral Prophylaxis Technique. 2 Credit Hours.

Basic techniques of instrumentation used in the removal of accretions and stains from tooth surfaces.

Course Type: Lecture

PERI 7305. Oral Prophylaxis Clinical. 0.5 Credit Hours.

Application of the principles and techniques of prevention and oral prophylaxis learned in the preceding semester to adult patients.

Course Type: Clinical

PERI 7491. Periodontics I. 1 Credit Hour.

Prerequisites: None The course is designed to introduce the basic concepts and features of normal periodontium, disease classification, etiology, diagnosis, prognosis, treatment of periodontal diseases and evaluation of treatment outcomes. Students will actively participate, think and develop decision-making skills for the diagnosis and management of common forms of periodontal diseases. (Spring DS2 Year)

Course Type: Lecture

PERI 7591. Patient Contact Periodontics I. 1 Credit Hour.

Clinical application of principles of examination, collection of diagnostic information, prevention and periodontal therapy, including root planning, scaling, oral hygiene instruction, occlusal therapy, and presurgical reevaluation.

Course Type: Clinical

PERI 7592. Clinical Periodontics I. 0-2 Credit Hours.

Prerequisites: DS2 May be repeated; maximum credit 2 hours. Year Long Course Clinical application of principles of examination, date collection, diagnosis, treatment planning, and the provision of periodontal treatment including scaling and root planing, disease prevention and health promotion, occlusal therapy, evaluation of results, and specialist referral.

Course Type: Clinical

PERI 7691. Patient Contact Periodontics II. 1 Credit Hour.

Prerequisites: None Clinical application of principles of examination, collection of diagnostic information, prevention and periodontal therapy, including root planning, scaling, oral hygiene instruction, occlusal therapy, and presurgical reevaluation.

Course Type: Clinical

PERI 8105. Periodontics II. 0.5 Credit Hours.

Prerequisites: None The course continues building concepts and features of normal periodontium, classification, etiology, diagnosis, prognosis, treatment of diseases and evaluation of outcomes. This course begins the correlation of clinical applications to the findings. Students will participate and develop decision-making skills for the diagnosis and management of common forms of periodontal diseases. (Summer III)

Course Type: Lecture

PERI 8191. Periodontics III. 1 Credit Hour.

Prerequisites: None This is a didactic course designed to introduce the basic and initial concepts and features of evaluation of initial therapy, when to refer and when to maintain, and basic concepts for periodontal and dental implant surgeries as well as restorative interrelationships and multidisciplinary approach to periodontal and dental treatment planning. (Spring DS3 Year)

Course Type: Lecture

PERI 8291. Clinical Periodontics I. 1 Credit Hour.

Management of patients with periodontal disease, including examination, diagnosis, treatment planning, and a broad range of periodontal therapy with an emphasis on surgical procedures.

Course Type: Clinical

PERI 8292. Clinical Periodontics II. 0-2 Credit Hours.

Prerequisites: DS3 May be repeated; maximum credit 2 hours. Year Long Course Further and more advanced clinical experiences in examination, data collections, diagnosis, treatment planning, and the provision of periodontal treatment including scaling and root planing, disease prevention and health promotion, occlusal therapy, evaluation of results, and specialist referral.

Course Type: Clinical

PERI 8391. Clinical Periodontics II. 1 Credit Hour.

Continuation of 9802, with continuing emphasis on surgical procedures.

Course Type: Clinical

PERI 8990. Special Studies. 0-6 Credit Hours.

Prerequisites: None Special topics

Course Type: Clinical

PERI 9105. Periodontics IV. 0.5 Credit Hours.

Prerequisites: None This course introduces basic concepts of patient evaluations for dental implants. The student will be exposed to the diagnosis and treatment planning of an implant patient, as well as pre-implant site preparation. The student will learn about more advanced implant techniques and procedures, and implant troubleshooting. (Summer IV)

Course Type: Lecture

PERI 9992. Introduction to Teaching of Clinical Periodontics. 2 Credit Hours.

Students gain experience in teaching first year dental students periodontical instrumentation.

Course Type: Lecture