

PERIODONTICS, CERTIFICATE

Approved by the American Dental Association, the Periodontics program is designed to provide postdoctoral students with advanced training in periodontics and implantology. Upon successful completion of the program, students are issued a certificate in periodontics and are qualified for examination by the American Board of Periodontology. In addition to the core basic science courses required for all graduate students, the department arranges further basic science courses related to periodontics.

Other features of the program include clinical seminars, planned reading seminars, interschool symposia, and an extensive guest lecture series. The highly respected research environment at Penn Dental Medicine and throughout the University of Pennsylvania provides a valuable opportunity for students applying to post-doctoral programs to combine their specialty training with advanced research and academic opportunities.

Additional Program Options

Penn Dental Medicine also offers a Master of Science in Oral Biology (MSOB) and a Doctor of Science in Dentistry (DScD) that can be earned concurrent with a specialty certificate, preparing students to successfully enter the field of academic dentistry while also becoming skilled clinicians in specialty care. Through the MSOB and DScD programs, students are encouraged to pursue their individual research interests with projects that can span the diverse disciplines and research labs within Penn Dental Medicine's basic and clinical sciences and across the University.

This degree requires a minimum of 200 Credit Hours.
Curriculum

Program Timeline

- Academic Track
 - MSOB and Certificate: 3 years
 - DScD and Certificate: 5.5 years
- Clinical Certificate Track
 - Certificate only: 3 years

For more information: <https://www.dental.upenn.edu/admissions-academics/graduate-dental-education-programs/periodontic-program/>

All Dental Medicine certificate students share a common core of required courses throughout the first year. In addition, students complete additional courses specific to their particular program.

Program Requirements (Certificate Only)

- Core Graduate Dental Education Courses (Year 1 only)
- Program Specific Courses (Years 1 - 3 Didactic & Clinical)
- Literature Review (Years 1 - 3)
- Case Presentations (Years 1 - 2)
- Program Seminars (Years 1 - 3)
- Clinical Rotations (Years 1 - 3)

Periodontics Certificate

Code	Title	Course Units
First Year Core Curriculum		
DADE 9330	Ethics, Professionalism and Jurisprudence	
DADE 9340	Evidence-based clinical practice	
DADE 9350	Oral and systemic diseases	
DADE 9360	Oral infection and immunity	
DADE 9370	Conservative and regenerative clinical practice	
DADE 9380	Vulnerable populations across the lifespan	
First Year Fall		
GPRD 9001	Introduction To Periodontology	
GPRD 9011	Introduction To Periodontal Prosthesis	
GPRD 9021	Clinical Periodontics I	
GPRD 9031	Classic Literature Review I	
GPRD 9041	Current Literature Review I	
GPRD 9051	Periodontics Case Presentation I	
GPRD 9061	Surgical Endodontic Rotation I	
GPRD 9071	Fundamentals Of Periodontics I	
GPRD 9081	Fundamentals Of Perio Surgery I	
GPRD 9091	Sedation Seminar I	
GPRD 9101	Minor Adult Orthodontics I	
GPRD 9111	Advanced Topics In Periodontics I	
GPRD 9141	P Care Clinic Rotation I	
GPRD 9151	Complications Seminar I	
GPRD 9161	Periodontal Practice Management	
GPRD 9171	Treatment Plan Rotation I	
First Year Spring		
GPRD 9022	Clinical Periodontics II	
GPRD 9032	Classic Literature Review II	
GPRD 9042	Current Literature Review II	
GPRD 9052	Periodontics Case Presentation II	
GPRD 9062	Surgical Endodontic Rotation II	
GPRD 9072	Fundamentals Of Periodontics II	
GPRD 9082	Fundamentals Of Perio Surgery II	
GPRD 9092	Sedation Seminar II	
GPRD 9112	Advanced Topics In Periodontics II	
GPRD 9122	In-Service Examination I	
GPRD 9142	P Care Clinic Rotation II	
GPRD 9152	Complications Seminar II	
GPRD 9172	Treatment Plan Rotation II	
GPRD 9182	Oral Comprehensive Examination I	
Second Year Fall		
GPRD 9023	Clinical Periodontics III	
GPRD 9033	Classic Literature Review III	
GPRD 9043	Current Literature Review III	
GPRD 9053	Periodontics Case Presentation III	
GPRD 9063	Surgical Endodontic Rotation III	
GPRD 9113	Advanced Topics In Periodontics III	
GPRD 9143	P Care Clinic Rotation III	
GPRD 9153	Complications Seminar III	

GPRD 9173	Treatment Plan Rotation III
Second Year Spring	
GPRD 9024	Clinical Periodontics IV
GPRD 9034	Classic Literature Review IV
GPRD 9044	Current Literature Review IV
GPRD 9044	Current Literature Review IV
GPRD 9054	Periodontics Case Presentation IV
GPRD 9064	Surgical Endodontic Rotation IV
GPRD 9114	Advanced Topics In Periodontics IV
GPRD 9124	In-Service Examination II
GPRD 9144	P Care Clinic Rotation IV
GPRD 9154	Complications Seminar IV
GPRD 9174	Treatment Plan Rotation IV
GPRD 9184	Oral Comprehensive Examination II
Third Year Fall	
GPRD 9025	Clinical Periodontics V
GPRD 9055	Periodontics Case Presentation V
GPRD 9065	Surgical Endodontic Rotation V
GPRD 9115	Advanced Topics In Periodontics V
GPRD 9145	P Care Clinic Rotation V
GPRD 9155	Complications Seminar V
GPRD 9175	Treatment Plan Rotation V
GPRD 9195	Board Review Seminar I
Third Year Spring	
GPRD 9066	Surgical Endodontic Rotation VI
GPRD 9116	Advanced Topics In Periodontics VI
GPRD 9126	In-Service Examination III
GPRD 9146	P Care Clinic Rotation VI
GPRD 9156	Complications Seminar VI
GPRD 9176	Treatment Plan Rotation VI
GPRD 9186	Oral Comprehensive Examination III
GPRD 9196	Board Review Seminar II

Core Graduate Dental Education Courses

Code	Title	Course Units
Year 1		
<i>Fall</i>		
DADE 9330	Ethics, Professionalism and Jurisprudence	1-3
DADE 9340	Evidence-based clinical practice	1.75-3
DADE 9350	Oral and systemic diseases	3.75-5
<i>Spring</i>		
DADE 9360	Oral infection and immunity	4-6
DADE 9370	Conservative and regenerative clinical practice	2-5
DADE 9380	Vulnerable populations across the lifespan	1.5-3.5

Master of Science in Oral Biology

The School of Dental Medicine also offers a Master of Science in Oral Biology (MSOB) (<http://catalog.upenn.edu/graduate/programs/oral-biology-msob/>). **Enrollment in the MSOB program is limited to individuals concurrently registered in one of the postgraduate specialty training (certificate) programs.** Candidates receive the MSOB degree after

completion of both their specialty training and the Master's curriculum, which consists of didactic, seminar, and research practicum courses. The MSOB program is comprised of two tracks designed for outstanding students who are interested in either integrating research or structured evidence-based learning into their post-graduate education.

Depending on the track selected, research activities or a systematic literature review form the core of the MSOB program. Students are expected to participate in a clinical or basic science research project of sufficient scope and intensity or a formally structured and critically evaluated literature review focused on an important oral health-related research or clinical question. A thesis composed of an in-depth review of the relevant literature along with a manuscript reporting the results of the research or a systematic review is required for graduation for the research and evidence-based learning tracks respectively.

Code	Title	Course Units
Additional MSOB Course Requirements		
DENT 9960		
DENT 9970		

For more information: https://www.dental.upenn.edu/academic_programs_admissions/graduate_dental_education_programs/masters_of_science_in_oral_biology (https://www.dental.upenn.edu/academic_programs_admissions/graduate_dental_education_programs/masters_of_science_in_oral_biology/)

The degree and major requirements displayed are intended as a guide for students entering in the Fall of 2024 and later. Students should consult with their academic program regarding final certifications and requirements for graduation.
