Prosthodontics

The Division of Dental Hygiene and the Departments of Endodontics, Orthodontics, and Restorative Dentistry offer programs of advanced study leading to the degree of master of science. The department of oral and maxillofacial surgery offers one four-year residency. A general practice residency is also an option. Continuing education courses are offered throughout the year. Detailed information concerning admission requirements, courses of study, etc., may be obtained from:

the Office of the Associate Dean for Academic and Postdoctoral Affairs
WVU School of Dentistry
P.O. Box 9402
Morgantown, WV 26506

Faculty
DDS
• Mark W. Richards
  FACP, Director

Degree Offered
• Master of Science

General Information

The School of Dentistry and its Department of Restorative Dentistry offer a program of advanced study and clinical training leading to the degree of Master of Science. The program requires a minimum of thirty-three months (three academic years and two summers) of full-time residency in the School of Dentistry. It is designed to qualify dentists for careers in prosthodontic clinical practice, teaching, and research.

A stipend plus tuition waiver will be provided for graduate students in Prosthodontics at the end of the second year for summer session and fall/spring semesters. Special fees are not covered by the tuition waiver. You must pay special fees each term/semester.

Inquiries concerning this program should be directed to the Office of Academic and Postdoctoral Affairs. Applications will be processed in the School of Dentistry. Applicants approved for admission to the program will be notified soon after interviews have been completed.

This program is accredited by the Commission on Dental Accreditation of the American Dental Association. For details about the faculty, publications and alumni information, please visit the Department website at http://dentistry.hsc.wvu.edu/Academic-Programs/Graduate-Programs/Master-of-Science-in-Prosthodontics.

Program Goals

The postgraduate program is designed to train well qualified dentists in all aspects of prosthodontics. Advanced training in prosthodontics consists of an integrated education program designed to provide both knowledge in the dentally applied basic sciences and experiences in the clinical science of prosthodontics. These include but are not limited to, complete denture prosthodontics, removable partial denture prosthodontics, fixed partial denture prosthodontics, maxillofacial prosthetics, and surgical and prosthodontics dental implantology. A series of structured didactic and clinical courses provides the student with a level of knowledge and skill development necessary to practice prosthodontics as a specialty and to prepare for a career in teaching and research. The program qualifies the student for examination and certification by the American Board of Prosthodontics.

Graduate Courses

**Advanced Clinical Prosthodontics**: Advanced prosthodontic practice in the areas of fixed and removable partial dentures, complete dentures, temporomandibular dysfunction, maxillofacial prosthetics and surgical and prosthodontic implant therapy.

**Advanced Implant and Periodontal Therapy**: Didactic and clinical experience in periodontal surgical therapy including: wound healing, crown lengthening, regeneration, grafting and implant placement.

**Advanced Oral Surgery**: Advanced study of therapeutics, hospital protocol, and surgical aspects of oral surgery involving lectures, seminars, demonstrations, and clinical applications.

**Advanced Prosthodontic Theory**: Advanced theories and techniques in fixed and removable partial dentures, complete dentures, maxillofacial prosthetics, implantology and geriatric prosthodontics to include case presentations, literature surveys and articulator analysis seminars.
Advanced Topics: Biomedical Sciences Module Series: The Biomedical Sciences Module series has been designed as an online course for students enrolled in the advanced education programs in the WVU School of Dentistry. Four modules are planned. They include pharmacology, physiology/biochemistry, anatomy/histology/embryology, and microbiology/immunology/genetics.

The content of these modules focuses on the clinical application of each of the biomedical sciences to dentistry. Cases will be used to integrate theory and practice. Students will attend a virtual classroom by viewing online lectures, reading prescribed materials, and interacting with faculty and classmates through an online discussion forum.

Advanced Topics: Investigation of advanced topics not covered in regularly scheduled courses.

Applied Biostatistics for Health: Statistical models, distribution, probability, random variables, tests of hypotheses, confidence intervals, regression, correlation, transformations, F and Chi-square distributions, analysis of variance, and multiple comparisons.


Research: Research activities leading to thesis, problem report, research paper, or equivalent scholarly project or a dissertation.

Special Studies in Oral Pathology: Advanced study of local or systemic disease processes affecting oral structures through seminars, assignment of specific topics, or research activities.

Teaching Practicum: Supervised practice in college teaching of dentistry.