

School of Dentistry

James J. Koelbl, D.D.S., M.S., M.J., Dean
Thomas F. Rasmus, D.D.S., M.S., Senior Associate Dean
Richard J. Crout, D.D.S., M.S., Ph.D., Associate Dean, Research
Shelia S. Price, D.D.S., Ed.D., Associate Dean, Admissions, Recruitment and Access
Christina B. DeBiase, B.S.D.H. M.A. Ed.D, Assistant Dean, Curriculum Instruction

<http://www.hsc.wvu.edu/sod>

Degrees Offered

D.D.S. in Dentistry (See the Health Sciences Catalog)

M.S. in Dental Specialties (Endodontics, Orthodontics, and Prosthodontics)

Master of Science in Dental Hygiene

The School of Dentistry was established by an act of the West Virginia Legislature on March 9, 1951, and offers baccalaureate, professional, and advanced degrees. The school is located on the first floor of the Health Sciences Center North. Modern clinical facilities include over 124 treatment areas and clinical and preclinical simulation teaching laboratories.

The majority of the faculty are full-time and have had advanced education in all of the recognized specialty areas. All programs are fully accredited by the Commission on Accreditation of the American Dental Association. The school will be expanding its specialty and research areas as additional space and funds become available.

The School of Dentistry offers several advanced education programs beyond the D.D.S. and B.S. degrees.

The Department of Endodontics offers a program of advanced study and clinical training leading to the master of science degree. The program requires a minimum of 24 months (two academic years and two summers) of full-time residency in the School of Dentistry. The program is designed to qualify dentists for careers in endodontic clinical practice, teaching, and research.

The Department of Restorative Dentistry offers a program of advanced training in prosthodontics leading to the degree of master of science. The program requires three academic years and two summers of full-time residency. It is designed to qualify dentists for careers in prosthodontic clinical practice, teaching, and research.

The Department of Orthodontics offers a program of advanced study and clinical training leading to the master of science degree. The program requires a minimum of 34 months (three academic years and two summers) of full-time residency in the School of Dentistry. The program is designed to qualify dentists for careers in orthodontic clinical practice, teaching, and research.

The Department of Dental Hygiene offers a program of advanced study and specialized training leading to the master of science degree. The program requires the completion of a minimum of 36 semester hours through full- or part-time enrollment in the School of Dentistry. The program is designed to qualify dental hygienists for careers in teaching, administration, and management.

The School of Dentistry offers one four-year residency in oral and maxillofacial surgery, and three one-year advanced education in general dentistry residencies.

Graduates of both North American and international dental schools are considered for admission to the dental specialty programs. Graduate assistantships are available in the second year of the endodontic program and the third year of the orthodontic program. Stipends are provided for the residency programs.

Information concerning admission requirements and courses of study may be obtained from the Office of the Senior Associate Dean for Educational Programs, WVU School of Dentistry, P.O. Box 9402, Health Sciences Center, Morgantown, WV 26506-9402. Telephone (304) 293-3549, fax (304) 293-4915, e-mail: kdavis@hsc.wvu.edu.

Faculty

† Indicates regular membership in graduate faculty.

* Indicates associate membership in graduate faculty.

Professors

†Michael D. Bagby, D.D.S., Ph.D. (Loyola). Biomaterials, Restorative dentistry.

†Richard J. Crout, D.M.D., Ph.D. (U. Pitt.). Periodontics, Drug therapy and pharmacology.

†Christina B. DeBiase, Ed.D. (WVU). Dental hygiene, Curriculum and administration, Special patient care.

†Mohssen Ghalichebaf, D.D.S. (Ind. U.) Maxillofacial prosthetics.

†Marcia A. Gladwin, Ed.D. (U. Ky.). Dental hygiene, Dental materials, Ethics, Curriculum.

*Robert W. Graves, D.D.S. (WVU). Oral and maxillofacial surgery.

†Robert H. Hornbrook, D.D.S., M.S.D. (WVU). Periodontics, Treatment therapy.

*Robert M. Howell, D.D.S., M.S.D. (MCV). Diagnostic sciences.

*Gordon G. Keyes, D.D.S., M.S., J.D. (U. Md.) Diagnostic sciences, Legal aspects.

K. Kindferknerht, D.M.D. (U. Ky.) Interim Chair, Prosthodontics.

†Peter W. Ngan, D.M.D. (Harvard). Chairperson. Orthodontics, Craniofacial growth and development, Appliance therapy.

†Shelia S. Price, D.D.S., Ed.D. (WVU). Diagnostic services, Health awareness, Education leadership.

†Thomas F. Razmus, D.D.S., M.S. (U. Mich.) Radiology/imaging, Oral medicine, Treatment planning.

†Norton P. Smith II, D.D.S. (WVU). Fixed prosthodontics, Computers.

†Carol A. Spear, M.S. (U. Mich.). Dental hygiene related topics, Instrumentation, Infection control, Education.

†Robert N. Stutchell, D.M.D. (U. Pitt.). Preventive dentistry, Treatment therapy.

Associate Professors

†K. Birgitta Brown, D.M.D. (Wash. U.). Operative dentistry, Geriatrics.

†Joan Gibson-Howell, Dental hygiene, Radiology.

†C. Russell Jackson, D.D.S., M.S. (WVU). Endodontics, Pulpal trauma.

†Mark W. Richards, D.D.S., M.Ed. (U. Wash.). Prosthodontics, Implantology.

†Louise Tupta-Veselicky, D.D.S., M.Ed. (WVU). Periodontics, Treatment therapy.

Dental Hygiene

Christina B. DeBiase, Ed.D., Director

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1189 Health Sciences North

http://www.hsc.wvu.edu/sod/academic_programs/graduate_programs/hygiene/index.html

Degree Offered

Master of Science

The School of Dentistry and its Division of Dental Hygiene offer a program of advanced study leading to the degree of master of science. This program requires a minimum of 36 semester hours through full-time or part-time enrollment in the School of Dentistry. It is designed to qualify dental hygienists for careers in teaching, administration, research, and management.

Options for concurrent master's degrees in the area of community medicine or public administration are also available.

Inquiries concerning this program should be directed to the senior associate dean for Educational Programs for Academic and Postdoctoral Affairs, School of Dentistry. Applications should be filed by July 1 for fall admission and by October 15 for spring enrollment.

Admission Requirements

- Meet WVU requirements for admission to graduate study.
- Applicants who do not meet the minimum requirements for admission must gain provisional acceptance into the program. All provisions of admission must be met no later than completion of the 18th credit hour to be reclassified as a regular student. A student who fails to meet the provisions of admission or who fails to meet the required GPA will be suspended.

- A baccalaureate degree in dental hygiene from an accredited dental hygiene program or a baccalaureate degree in another field of study from an approved institution of higher education while holding a certificate or associate's degree in dental hygiene from a program fully accredited by the American Dental Association Commission on Dental Accreditation.
- Evidence of scholastic and clinical achievement to indicate the applicant's ability to progress in a program of this nature. Generally, a minimum grade point average of 2.75 or above on a 4.0 scale on all college work attempted is required.
- Completion of one of these standardized tests: the Graduate Record Examination (GRE) general aptitude test with a minimum combined score of 1,100 or above (400 verbal, 350 analytical, 350 quantitative), or the Miller Analogies Test with a score of 50 or above.
- Submission of all information requested in the graduate application to the Office of the Senior Associate Dean for Educational Programs.

Degree Requirements

- Completion of a minimum of 36 semester credit hours: 25 required credit hours and 11 credit hours in an elective area(s) of dental hygiene specialization. Two elective areas of specialization are offered. These areas are teaching/administration and special patient care. The student chooses one area of study. Courses within these specializations are taught by a number of schools or colleges within the University. An individualized program will be devised for each student which includes a maximum of six hours in research leading to an acceptable thesis. Oral defense of the thesis is required.
- Provision of clinical patient care at least one semester and student teaching in the undergraduate clinic a minimum of one semester.

GPA

- Achievement of a 3.0 GPA or an overall academic average of at least a B in all work attempted in the master's program. A grade of C or below in one course will require a faculty review of the student's progress. A second C or below will result in dismissal from the program. A student may repeat only one course one time to bring the GPA up to the 3.0 requirement.
- Removal of all conditions, deficiencies, and incomplete grades. Credit hours for courses with a grade lower than C do not count toward degree requirements.

M.S. Curriculum

Hrs.

EDP 610 <i>Test and Measurement</i>	3
EDP 613 <i>Statistics</i>	3
DTHY 678 <i>Teaching Methods</i>	2
DTHY 680 <i>Critical Issues in Health Care</i>	3
DTHY 681 <i>Expanded Functions</i>	3
DENT 691B <i>Computer Applications in Dentistry</i>	2
DTHY 697 <i>Research (Thesis)</i>	6
DTHY 679 <i>Clinic Instruction and Evaluation</i>	2
DENT 791 <i>Research Methods</i>	1
Total	25
Elective area(s) of dental hygiene specialization	11
Dental Hygiene 691 and <i>Dentistry</i> 791 courses and Courses taught by the school/college of: Business and Economics Human Resources and Education Medicine Multidisciplinary Studies	
Total	36

Dental Hygiene (DTHY)

678. *Dental Hygiene Teaching Methods*. II. 2 Hr. PR: Consent. Concepts and principles of administration, curriculum, and classroom teaching unique to dental auxiliary education. Emphasis on overall role of the dental hygiene educator.

679. *Clinical Evaluation*. I. 2 Hr. PR: DTHY 678. Preparation for clinical instruction and evaluation. Emphasis is placed in clinical evaluation procedures, proper instrumentation and the skills/strategies utilized to promote affective and psychomotor skill development in students.

680. *Dental Hygiene Seminar and Practice 1*. 3 Hr. PR: Graduate standing and Consent. Examination of the critical environmental issues affecting the future of health care; particular impact on oral health care trends will form major focus. Dental hygiene clinical practice is also included.

681. *Dental Hygiene Seminar and Practice 2*. 3 Hr. Expanded services for the dental hygienist with emphasis on restorative and periodontal functions.

682. *Enhancing Class Administration*. 2 Hr. The use of "office productivity" software to enhance classroom and clinic administration. Course targeted toward students destined for careers in dental hygiene or dental education.

685. *Research Methods for the Dental Hygienist*. 3 Hr. PR: EDP 613. Methods and techniques of research in dental hygiene. Major emphasis on planning and evaluating health programs, conducting oral health surveys, designing experiments and critically analyzing research results.

690. *Teaching Practicum*. I, II, S. 1-3 Hr. PR: Consent. Supervised practice in college teaching of dental hygiene. Note: this course is intended to insure that graduate assistants are adequately prepared and supervised when they are given college teaching responsibility. It will also present a mechanism for students not on assistantships to gain teaching experience. (Grading will be S/U.)

691. *Advanced Topics*. 1-6 Hr. PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

Dentistry (DENT)

690. *Teaching Practicum*. I, II, S. 1-3 Hr. PR: Consent. Supervised practice in college teaching of dentistry. Note: this course is intended to insure that graduate assistants are adequately prepared and supervised when they are given college teaching responsibility. It will also present a mechanism for students not on assistantships to gain teaching experience. (Grading may be S/U.)

791 A-Z. *Advanced Topics*. 1-6 Hr. PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

Endodontics

C. Russell Jackson, D.D.S., M.S., Director
1067 Health Sciences North

Degree Offered

Master of Science

The School of Dentistry and its Division of Endodontics offer a program of advanced study and clinical training leading to the degree of master of science. The program requires a minimum of 24 months (two academic years and two summer sessions) of full-time residency in the School of Dentistry. It is designed to qualify dentists for careers in endodontic clinical practice, teaching, and research.

Inquiries concerning this program should be directed to the Office of the Senior Associate Dean for Educational Programs. Applicants will be processed in the School of Dentistry. Applicants approved for admission to the program will be notified soon after Interviews are completed.

Admission Requirements

The program's admission requirements are as follows:

- Graduation from an accredited school of dentistry.
- Evidence of scholastic and clinical achievement that would indicate the applicant's ability to progress in a program of this nature.

Each applicant must file with the Department of Endodontics all information requested in the departmental application form by September 15.

Degree/Program Requirements

For the master of science degree, the following requirements must be met:

- Fulfillment of University requirements for graduate study.
- Twenty-four months (two academic years and two summer sessions) of consecutive residency at the WVU School of Dentistry.
- An approved master's thesis based on original research completed during the period of residency in an area related to endodontics. A certificate will be awarded only upon satisfactory completion of the research and thesis.
- Satisfactory completion of a final oral examination.
- Completion of a minimum of 63 credit hours, including 39 hours of endodontic courses, a minimum of 15 hours of selected basic sciences subjects, and a thesis (seven hours).
- Demonstration of satisfactory clinical competency in the student's field.
- Maintenance of a grade level commensurate with graduate education.

Dentistry (DENT)

600. *Advanced Oral Surgery*. I, II, S. 1-12 Hr. PR: Consent. Advanced study of therapeutics, hospital protocol, and surgical aspects of oral surgery involving lectures, seminars, demonstrations, and clinical applications. (Grading may be S/U.)

697. *Master's Degree Research or Thesis*. I, II, S. 1-15 Hr. PR: Consent. Research activities leading to a thesis, problem report, research paper, or equivalent scholarly project.

788. *Clinic Completion Practicum*. 1-15 Hr. Supervised patient care in selected clinical areas specified for each individual student according to their clinical competency requirements. (Grading will be S/U.)

791 A-Z. *Advanced Topics*. 1-6 Hr. PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

Endodontics (ENDO)

688. *Clinical Endodontics*. I, II, S. 1-5 Hr. (May be repeated for credit.) PR: Graduate of an accredited dental school and admission to the Advanced Education Program in Endodontics or consent. Clinical endodontic practice in the areas of: ordinary endodontic cases, complex endodontic cases, hemisection, root amputation, replantation, transplantation, endodontic implantation, vital pulp therapy, apexification, and bleaching.

689. *Endodontic Theory*. I, II, S. 2 Hr. (May be repeated for credit.) PR: Consent. Provides seminar discussions in the topics of: basic endodontic techniques, advanced endodontic techniques, endodontic literature review, case presentation, and advanced endodontic theory.

690. *Teaching Practicum*. I, II. 1-3 Hr. PR: Consent. Supervised practice in college teaching of dentistry.

691. *Advanced Topics*. I, II. 1-6 Hr. PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

697. *Research*. I, II, S. 1-15 Hr. PR: Consent. Research activities leading to thesis (697), problem report (697), research paper or equivalent scholarly project (697), or a dissertation (797). (Grading may be S/U.)

Microbiology (MICB)

691. *Advanced Topics*. I, II. 1-6 Hr. PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

Pathology (PATH)

601. *Special Studies in Oral Pathology*. (For dental and graduate students, residents, and interns.) I. 1-3 Hr. PR: PATH 738 and PATH 753. Advanced study of local or systemic disease processes affecting oral structures through seminars, assignment of specific topics, or research activities.

782. *Advanced Oral Histopathology*. (For dental and graduate students, residents, and interns.) I, II. 1-2 Hr. PR: PATH 738 and PATH 753 or consent. An elective seminar stressing the significant microscopic features and diagnosis of various oral lesions.

Pharmacology and Toxicology (PCOL)

760. *Pharmacology and Therapeutics*. (For dental and graduate students.) I. 5 Hr. PR: Second year dental students or graduate students with consent. Lecture and demonstrations relevant to explaining how drugs function in the human body. Team teaching by basic science faculty and clinical dental faculty.

Public Health (PUBH)

611. *Applied Biostatistics for Health*. 3 Hr. Statistical models, distributions, probability, random variables, tests of hypotheses, confidence intervals, regression, correlation, transformations, F and Chi-square distributions, analysis of variance and multiple comparisons. For students in the M.P.H. and C.H.P.R. programs.

Orthodontics

Peter Ngan, D.M.D., Chair

1077 Health Sciences North

http://www.hsc.wvu.edu/sod/academic_programs/graduate_programs/ortho

Degree Offered

Master of Science

The School of Dentistry and its Department of Orthodontics offer a program of advanced study and clinical training leading to the degree of master of science. The program requires a minimum of 34 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 orthodontic clinical practice, teaching, and research.

Inquiries concerning this program should be directed to the senior associate dean for educational programs. Applications will be processed in the School of Dentistry. Those applicants approved for admission to the program will be notified soon after December 1.

Admission Requirements

- Graduation from an accredited dental school.
- Evidence of scholastic and clinical achievement that would indicate the applicant's ability to progress in a program of this nature. Generally, a minimum grade point average of 3.0 is required for admission.
- Each applicant must file with the department all information requested in the department application form by September 15.
- Fulfillment of general WVU graduate study requirements.

Degree Requirements

- Thirty-four months (three academic years and two summers) of consecutive residency at the School of Dentistry.
- An approved master's thesis based on original research completed during the period of residency in an area related to orthodontics.
- Satisfactory passage of a final oral examination.
- Completion of a minimum of 77 credit hours, including 49 hours of orthodontic courses, a minimum of 13 hours of selected basic sciences subjects, two hours of teaching practicum, and a research/thesis (13 hours).
- Demonstration of satisfactory clinical competence in the student's field.
- Achievement of a 3.0 GPA or an overall academic average of at least a B in all work attempted in the master's program. A grade of C or below in two courses will require a faculty review of the student's progress. A third C or below will result in suspension from the program.

Orthodontics (ORTH)

616. *Biomechanics*. I, II, S. 2 Hr. PR: Consent. Design and function of the teeth and their surrounding structures, and response of these tissues to orthodontic procedures.

617. *Orthodontic Technique*. I, II, S. 2 Hr. PR: Consent. Laboratory course in techniques related to fabrication and manipulation of orthodontic appliances.

618. *Orthodontic Materials*. I, II, S. 1 Hr. PR: Consent. Physical properties of materials used in orthodontic appliances.

619. *Orthodontic Diagnosis*. I, II, S. 1-3 Hr. PR: Consent. Seminar-type class on technique of patient examination, acquiring diagnostic records, and analyzing and correlating this information to the treatment of clinical problems.

620. *Cephalometrics*. S. 1-3 Hr. PR: Consent. Use of radiographic cephalometry in studying growth of the human face, analysis of dentofacial malformations, and evaluation of orthodontic treatment.

621. *Orthodontic Mechanics*. I, II, S. 1-4 Hr. Seminar and laboratory course on basic orthodontic mechanical properties.

622. *Advanced Orthodontic Mechanics*. I, II, S. 1 Hr. Continuation of ORTH 621 involving more difficult type cases and introducing more sophisticated appliance therapy.

623. *Growth and Development*. I, II, S. 1-5 Hr. PR: Consent. Seminar-type course on normal and abnormal growth of the human head and its application to orthodontics.

625. *Orthodontic Seminar*. I, II, S. 1-8 Hr. PR: Consent. Discussions including all branches of dental science, with special emphasis on the orthodontic interest. Assigned topics and articles in the literature discussed.

626. *Orthodontic Clinic*. I, II, S. 1-12 Hr. PR: ORTH 616 and ORTH 617. Clinical treatment of selected patients.

690. *Teaching Practicum*. I, II, S. 1-3 Hr. PR: Consent. Supervised practice in college teaching of dentistry.

691. *Advanced Topics*. I, II, S. 1-6 Hr. PR: Consent. Investigation of advanced topics not covered in regularly scheduled courses.

692. *Directed Study*. I, II, S. 1-6 Hr. Directed study, reading, and/or research.

693. *Special Topics*. I, II, S. 1-6 Hr. A study of contemporary topics selected from recent developments in the field.

694. *Seminar*. I, II, S. 1-6 Hr. Seminars arranged for advanced graduate students.

695. *Independent Study*. I, II, S. 1-6 Hr. Faculty supervised study of topics not available through regular course offerings.

696. *Graduate Seminar*. I, II, S. 1 Hr. PR: Consent. It is anticipated that each graduate will present at least one seminar to the assembled faculty and graduate student body of his/her program.

697. *Research*. I, II, S. 1-15 Hr. PR: Consent. Research activities leading to thesis (697), problem report (697), research paper or equivalent scholarly project (697), or a dissertation (797). (Grading may be S/U.)

716. *Craniofacial Growth and Maturation*. 1 Hr. PR: Consent. The current concepts of craniofacial growth and maturation are presented and integrated for application to clinical problems.

Occupational Therapy (OTH)

500. *Health Care Issues in Occupational Therapy*. 3 Hr. PR: OTH student status. Occupational therapy practice models in diverse health care delivery systems are discussed, including hospital based, home health, outpatient/private practice, long term care settings, and public schools. (2 hr. lec, 2 hr. other.)

501. *Management for OT Practice*. 4 Hr. PR: OTH student status. This course reviews the structure and recent changes in the United States health care system with attention to those aspects of managed care of importance to the entry level occupational therapist. (3 hr. lec., 2 hr. lab.)

503. *Occupational Therapy in Pediatrics*. 3 Hr. PR: OTH student status. This course reviews the medical and developmental conditions of pediatric populations commonly encountered by occupational therapists. Emphasis is placed on OT assessment and interventions. (2 hr. lec., 2 hr. lab.)

505. *Prosthetics and Orthotics*. 3 Hr. PR: OTH student status. Principles of practice applications of upper and lower limb prosthetics and orthotics commonly encountered and/or manufactured by the occupational therapist. (1 hr. lec., 4 hr. lab.)

520. *Occupational Therapy in the Work Environment*. 3 Hr. PR: OTH student status. A holistic approach to evaluation and intervention commonly practiced by occupational therapists in work settings. This course will focus on task analysis in various work settings using an occupational performance frame of reference. (1 hr. lec., 4 hr. lab.)

540. *Level II Fieldwork 1*. 3 Hr. PR: OTH student status. Students are placed full-time for six-weeks in a facility under the supervision of a licensed occupational therapist. Students are required to register for OTH 540 during Summer 1 and again during Summer 2 for a full 12-week six credit fieldwork experience. (Course will be graded S/U.)

550. *Education in Occupational Therapy*. 3 Hr. PR: OTH student status. Principles of community and adult education are provided. Students are taught to prepare instructional materials, workshops/seminars, and how to assess instructional outcomes. Use of various media are used and reviewed.

551. *Occupational Therapy in Prevention and Wellness*. 3 Hr. PR: OTH student status. Students are taught occupational therapy principles and strategies to develop community health promotion and wellness programs in a variety of settings.

593. *Special Topics*. 1-6 Hr. A Study of contemporary topics selected from recent developments in the field.

640. *Level II Fieldwork 2*. 6 Hr. PR: OTH student status. Students are placed in one 12-week, or two six-week placement(s) depending on the facility and the needs of the student. Students will be placed in facilities where individualized instruction can occur. (Grading will be S/U.)

697. *Research*. 1-5 Hr. PR: OTH student status. Research activities leading to thesis, problem report, research paper or equivalent scholarly project, or a dissertation. (Grading may be S/U.)

Statistics (STAT)

511. *Statistical Methods 1*. I, II, S. 3 Hr. PR: MATH 126. Statistical models, distributions, probability, random variables, tests of hypotheses, confidence intervals, regression, correlation, transformations, F and Chi-square distributions, analysis of variance and multiple comparisons. (Equivalent to EDP 613 and PSYC 511.)

Prosthodontics

Mark W. Richards, D.D.S., Med, F.A.C.P., Director
1199B Health Sciences North

http://www.hsc.wvu.edu/sod/academic_programs/graduate_programs/pros/residency_prosthodontics.html

Degree Offered

Master of Science

The School of Dentistry and its Department of Restorative Dentistry offers a three-year program of advanced study and clinical training in the dental specialty of prosthodontics. The program requires a minimum of 33 months (three academic years and two summers) leading to a certificate in prosthodontics and a master of science degree. The purpose of this program is to train well-qualified dentists in all aspects of prosthodontics and is designed to qualify them for careers in prosthodontic clinical practice, teaching, and research.

Inquiries concerning this program should be directed to the Office of the Senior Associate Dean for Educational Programs. Completed applications are due by December 1 and those applicants approved for admission to the program will be notified after January 15.

Admission Requirements

- Graduation from an accredited dental school.
- Evidence of scholastic and clinical achievement that would indicate the applicant's ability to progress in a program of this nature. Generally, a minimum grade point average of 3.0 is required for admission.
- Each applicant must file with the department all information requested in the School of Dentistry application form by November 15.

Degree Requirements

- Fulfillment of general WVU graduate study requirements.
- Thirty-three months (three academic years and two summers) of consecutive full-time advanced prosthodontic study and clinical training at the School of Dentistry.
- An approved master's thesis based on original research completed during the period of residency in an area related to prosthodontics.
- Satisfactory passage of a final oral examination.
- Completion of a minimum of 77 credit hours. This includes 49 credit hours of prosthodontic courses, a minimum of 13 credit hours of selected basic science subjects, two hours of teaching practicum, and 13 credit hours for completion of a master's thesis.
- Demonstration of satisfactory clinical competence in advanced prosthodontics.
- Achievement of a 3.0 GPA or an overall academic average of at least a B in all work attempted in the master's program. A grade of C or below in two courses will require a faculty review of the student's progress. A third C or below will result in suspension from the program.

Prosthodontics (PROS)

688. *Advanced Clinical Prosthodontics*. I, II, S. 1-6 Hr. Advanced prosthodontic practice in the areas of fixed and removable partial dentures, complete dentures, temporomandibular dysfunction, maxillofacial prosthetics and implant prosthodontics.

689. *Advanced Prosthodontic Theory*. I, II, S. 1-6 Hr. 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.