

General Practice Dental Residency, Certificate

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School of Dentistry website (<http://www.marquette.edu/dentistry/>)

Degree Offered

Certificate

Program Overview

The School of Dentistry offers the general practice dental residency (GPDR) certificate program. The comprehensive curriculum covers advanced aspects of general dentistry, including but not limited to restorative dentistry, oral surgery, endodontics, periodontics, and management of medically complex patients. The program integrates clinical practice with academic learning. Additionally, it incorporates interprofessional education, enabling residents to collaborate with healthcare professionals from other disciplines in a hospital setting.

The establishment of the dentistry residency program with a hospital-based component and an educational and clinical component at Marquette University School of Dentistry's Main Campus Clinic has multiple benefits. The hospital and the dental school can work in concert together to maximize the benefit in meeting Wisconsin citizens oral care needs while expanding the number of oral healthcare providers who have experience with medically complex and special needs patients in a variety of practice settings to create a dental workforce pipeline for Wisconsin hospitals and other settings throughout the state.

The General Practice Dental Residency certificate (GPDR-CER) offers a comprehensive curriculum covering advanced aspects of general dentistry. The program integrates clinical practice with didactic learning and enables residents to collaborate with healthcare professionals from various medical disciplines in a hospital setting.

Program Requirements

Didactic Requirements

First year students complete three satisfactory/unsatisfactory (S/U), seminar-style courses each worth six credits. At the conclusion of the three-course seminar series, residents are prepared to apply didactic knowledge to advanced cases beyond the scope of predoctoral training involving patients with complex medical histories. Residents gain exposure to advanced, postdoctoral level topics in multidisciplinary areas to include:

- Operative Dentistry
- Endodontics
- Prosthodontics
- Oral Surgery
- Periodontics
- Practice Management
- Jurisprudence and Ethics
- TMD/OFP
- Dental and Medical Emergency
- Pain and Anxiety
- Periodontics
- Treatment Planning
- Medical Topics

Second year residents customize their didactic instruction based on individualized personal and professional interests. Residents choose three, one-credit courses each term (fall, spring and summer) from Marquette University School of Dentistry (MUSOD) graduate core course offerings.

Clinical Requirements

The program integrates clinical practice as a co-requisite to didactic seminars. First year residents spend six months providing comprehensive dental patient care at MUSOD clinics including the GPDR Clinic, Pediatrics and the Delta Dental Urgent and Special Care Clinic. They spend an additional three months in Oral Surgery at MUSOD.

Residents enroll in an eight-credit clinical course each term (summer, fall, spring) and spend 24 hours per week in the clinical and/or hospital setting. Clinical courses are graded S/U (Satisfactory/Unsatisfactory).

Hospital Requirements

Hospital rotations take place at Aurora Sinai Medical Center. First year residents complete rotations in internal medicine, anesthesia and emergency department. Each rotation is 16 days in length and includes 128 total hours of hospital-based clinical experience. First year residents additionally complete 100 hours of emergency on-call treatment and consultations.

Second year residents choose two months of specialized rotations from options such as Radiation Oncology, ENT, Pediatric Dentistry, Plastics and General Surgery ICU. These advanced hospital-based rotations are not available to first year residents. Second year residents additionally spend two months in the OR at Aurora Sinai Medical Center.

Course Requirements

Code	Title	Hours
Year 1 Didactic Courses		
GPDR 6001	Multidisciplinary Seminar 1	6
GPDR 6101	Multidisciplinary Seminar 2	6
GPDR 6201	Multidisciplinary Seminar 3	6
Year 1 Clinical Courses: Includes MUSOD Clinical work and Hospital Rotations		
GPDR 6002	Clinical Dentistry 1	8
GPDR 6102	Clinical Dentistry 2	8
GPDR 6202	Clinical Dentistry 3	8
Year 2 Clinical Courses: Includes MUSOD Clinical work and Hospital Rotations		
GPDR 6302	Advanced Clinical Dentistry 1	8
GPDR 6402	Advanced Clinical Dentistry 2	8
GPDR 6502	Advanced Clinical Dentistry 3	8
Year 2 Electives (3 courses at 1 credit each in summer, fall and spring)		9
Total Credit Hours:		75

Elective Options

Code	Title	Hours
Summer electives (Choose 3)		
DENT 6001	Dental Graduate Didactic Core Curriculum 1 (Emergency Medicine)	1
DENT 6001	Dental Graduate Didactic Core Curriculum 1 (Dental Biomaterials)	1
DENT 6001	Dental Graduate Didactic Core Curriculum 1 (Orthodontic Biomaterials)	1
DENT 6001	Dental Graduate Didactic Core Curriculum 1 (Endodontic Biomaterials)	1
DENT 6001	Dental Graduate Didactic Core Curriculum 1 (Clinical Photography)	1
DENT 6001	Dental Graduate Didactic Core Curriculum 1 (Research Methods)	1
DENT 6001	Dental Graduate Didactic Core Curriculum 1 (Prosthodontic Biomaterials)	1
DENT 6980	Teaching Experience in Dentistry	1
Fall electives (Choose 3)		
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Technology and Informatics)	1
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Craniofacial Growth and Development)	1
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Advanced Oral Pathology)	1
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Practice Management)	1
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Pharmacology and Pain/Anxiety Management)	1
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Biostatistics)	1
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Radiology/Imaging)	1
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Ethics)	1
DENT 6002	Dental Graduate Didactic Core Curriculum 2 (Immunology/Oral Microbiology)	1
DENT 6953	Seminar in Interdisciplinary Dentistry	1
Spring electives (Choose 3)		
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Oral Physiology)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Head and Neck Anatomy)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Implantology)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Pediatric Dentistry)	1

DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Mineralized Tissues)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Jurisprudence)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Speech Pathology)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Inflammation)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Public Health)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Tissue Engineering)	1
DENT 6003	Dental Graduate Didactic Core Curriculum 3 (Practice Ethics)	1
DENT 6953	Seminar in Interdisciplinary Dentistry	1

University Policies

- Academic Censure - Graduate School (<https://bulletin.marquette.edu/policies/academic-censure/graduate/>)
- Academic Integrity (<https://bulletin.marquette.edu/policies/academic-integrity/>)
- Academic Misconduct (<https://bulletin.marquette.edu/policies/academic-misconduct-policy/>)
- Academic Program Definitions (<https://bulletin.marquette.edu/policies/academic-programs-defined/>)
- Accelerated Degree Programs (<https://bulletin.marquette.edu/policies/accelerated-degree-programs/>)
- Attendance - Graduate School (<https://bulletin.marquette.edu/policies/attendance/graduate/>)
- Awarding Diplomas and Certificates (<https://bulletin.marquette.edu/policies/awarding-diplomas-certificates/>)
- Background Checks, Drug Testing (<https://bulletin.marquette.edu/policies/background-checks-drug-testing/>)
- Class Rank (<https://bulletin.marquette.edu/policies/class-rank/>)
- Commencement (<https://bulletin.marquette.edu/policies/commencement/>)
- Course Levels (<https://bulletin.marquette.edu/policies/course-levels/>)
- Credit Hour (<https://bulletin.marquette.edu/policies/credit/>)
- Credit Load - Graduate School (<https://bulletin.marquette.edu/policies/credit-load/graduate/>)
- Faculty Grading (<https://bulletin.marquette.edu/policies/faculty-grading/>)
- Family Education Rights and Privacy Act-FERPA (<https://bulletin.marquette.edu/policies/ferpa/>)
- Grade Appeals (<https://bulletin.marquette.edu/policies/grade-appeals/>)
- Grading System - Graduate School and Graduate School of Management (<https://bulletin.marquette.edu/policies/grading-system/graduate-management/>)
- Graduation - Graduate School (<https://bulletin.marquette.edu/policies/graduation/graduate/>)
- Immunization and Tuberculosis Screening Requirements (<https://bulletin.marquette.edu/policies/immunization-and-tuberculosis-screening/>)
- Last Date of Attendance/Activity (<https://bulletin.marquette.edu/policies/last-dateof-attendance-activity/>)
- Military Call to Active Duty or Training (<https://bulletin.marquette.edu/policies/militarycall-active-duty-training/>)
- Registration - Graduate School (<https://bulletin.marquette.edu/policies/registration/graduate/>)
- Repeated Courses - Graduate School (<https://bulletin.marquette.edu/policies/repeated-courses/graduate/>)
- Student Consumer Complaints (<https://bulletin.marquette.edu/policies/student-complaints/>)
- Student Data Use and Privacy (<https://bulletin.marquette.edu/policies/student-data-use-privacy/>)
- Transcripts-Official (<https://bulletin.marquette.edu/policies/transcripts-official/>)
- Transfer Course Credit - Graduate School (<https://bulletin.marquette.edu/policies/transfer-course-credit-policy/graduate/>)
- Withdrawal - Graduate School (<https://bulletin.marquette.edu/policies/withdrawals/graduate/>)

Graduate School Policies

- Academic Performance (<https://bulletin.marquette.edu/graduate/policies/academic-performance/>)
- Advising (<https://bulletin.marquette.edu/graduate/policies/advising/>)
- Certificate Concurrent Enrollment (<https://bulletin.marquette.edu/graduate/policies/certificate-concurrent-enrollment/>)
- Conduct (<https://bulletin.marquette.edu/graduate/policies/conduct/>)
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- Dual/Joint Programs of Study (<https://bulletin.marquette.edu/graduate/policies/dual-joint-programs/>)

- Graduate Credit (<https://bulletin.marquette.edu/graduate/policies/graduate-credit/>)
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- Intellectual Property (<https://bulletin.marquette.edu/graduate/policies/intellectual-property/>)
- Master's Degree Academic Program Overview (<https://bulletin.marquette.edu/graduate/policies/masters-program-overview/>)
- Merit-Based Aid Registration Requirements (<https://bulletin.marquette.edu/graduate/policies/merit-based-aid-registration-requirements/>)
- Research Involving Humans, Animals, Radioisotopes or Recombinant DNA/Transgenic Organisms (<https://bulletin.marquette.edu/graduate/policies/research-involving-humans-animals-radioisotopes-recombinant-dnatransgenic-organisms/>)
- Temporary Withdrawal from Graduate Program (<https://bulletin.marquette.edu/graduate/policies/temporary-withdrawal-graduate-program/>)
- Time Limitations (<https://bulletin.marquette.edu/graduate/policies/time-limitations/>)
- Working with Minors (<https://bulletin.marquette.edu/graduate/policies/working-minors/>)

GPDR 6001 Multidisciplinary Seminar 1 (6 credits)

In this first course of the seminar sequence, residents begin exploring graduate-level content within each of the content areas. As the first of a series of three, this course is a departure point for multidisciplinary learning. Residents are not expected to meet all didactic objectives until the conclusion of the third course. In this initial course, residents make progress toward each objective, which are broken into discipline areas.

Prerequisite: Admitted to General Practice Dental Residency certificate.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206001>)

GPDR 6002 Clinical Dentistry 1 (8 credits)

Residents are assigned clinical cases that require treatment in two or more clinical disciplines. Trainees are responsible for accurate compilation and documentation of clinical findings essential for appropriate treatment planning and case completion. Residents provide comprehensive dental services to patients or make referrals to appropriate specialists. Trainees also engage in assessment, management, and treatment of dental emergencies.

Emphasis on development of critical thinking skills and abilities to conduct individualized risk assessments and to design appropriate prevention measures while treating a diverse array of patients. In this first clinical course of the three-course series, residents will begin working toward achieving Entrustability in 16 program EPAs.

Prerequisite: Admitted to General Practice Dental Residency certificate.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206002>)

GPDR 6101 Multidisciplinary Seminar 2 (6 credits)

In this second course of the seminar sequence, residents will gain a deeper understanding of graduate-level content within each of the content areas. As residents gain a more robust understanding of the didactic topics, they continue making progress toward each objective, which are broken into discipline areas.

Prerequisite: Admitted to General Practice Dental Residency certificate and GPDR 6001.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206101>)

GPDR 6102 Clinical Dentistry 2 (8 credits)

Residents are assigned clinical cases that require treatment in two or more clinical disciplines. Trainees are responsible for accurate compilation and documentation of clinical findings essential for appropriate treatment planning and case completion. Residents provide comprehensive dental services to patients or make referrals to appropriate specialists. Trainees also engage in assessment, management, and treatment of dental emergencies.

Emphasis on development of critical thinking skills and abilities to conduct individualized risk assessments and to design appropriate prevention measures while treating a diverse array of patients. In this second clinical course of the three-course series, residents continue to work to achieve Entrustability in all 16 program EPAs.

Prerequisite: Admitted to General Practice Dental Residency certificate and GPDR 6002.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206102>)

GPDR 6201 Multidisciplinary Seminar 3 (6 credits)

In this final course of the seminar sequence, residents will have obtained an advanced understanding of content within each area and will demonstrate mastery of each objective, which are broken into discipline areas.

Prerequisite: Admitted to General Practice Dental Residency certificate and GPDR 6101.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206201>)

GPDR 6202 Clinical Dentistry 3 (8 credits)

Residents are assigned clinical cases that require treatment in two or more clinical disciplines. Trainees are responsible for accurate compilation and documentation of clinical findings essential for appropriate treatment planning and case completion. Residents provide comprehensive dental services to patients or make referrals to appropriate specialists. Trainees also engage in assessment, management, and treatment of dental emergencies. Emphasis on development of critical thinking skills and abilities to conduct individualized risk assessments and to design appropriate prevention measures while treating a diverse array of patients. In this final clinical course of the three-course series, residents achieve Entrustability in all 16 program EPAs.

Prerequisite: Admitted to General Practice Dental Residency certificate and GPDR 6102.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206202>)

GPDR 6302 Advanced Clinical Dentistry 1 (8 credits)

Second year residents are assigned advanced clinical cases that require treatment in two or more clinical disciplines. Trainees continue to improve those skills developed in the first year of residency. In this initial clinical course of the three-course series, residents work to achieve Entrustability in all 16 program EPAs on complex clinical cases beyond the scope of first year resident requirements.

Prerequisite: Admitted to General Practice Dental Residency certificate.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206302>)

GPDR 6402 Advanced Clinical Dentistry 2 (8 credits)

Second year residents are assigned advanced clinical cases that require treatment in two or more clinical disciplines. Trainees continue to improve those skills developed in the first year of residency. In this second clinical course of the three-course series, residents continue to work to achieve Entrustability in all 16 program EPAs on complex clinical cases beyond the scope of first year resident requirements.

Prerequisite: Admitted to General Practice Dental Residency certificate and GPDR 6302.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206402>)

GPDR 6502 Advanced Clinical Dentistry 3 (8 credits)

Second year residents are assigned advanced clinical cases that require treatment in two or more clinical disciplines. Trainees continue to improve those skills developed in the first year of residency. In this third clinical course of the three-course series, residents achieve Entrustability in all 16 program EPAs on complex clinical cases beyond the scope of first year resident requirements.

Prerequisite: Admitted to General Practice Dental Residency certificate and GPDR 6402.

Level of Study: Graduate

Schedule of Classes (<https://bulletin.marquette.edu/class-search/?details&code=GPDR%206502>)