

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS, M.DENT.

Preventive Dental Science

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Academic Staff: Please refer to the Preventive Dental Science (<https://umanitoba.ca/dentistry/faculty-staff/#preventive-dental-science>) website for Academic staff information.

Preventive Dental Science Information

The department of Preventive Dental Science offers programs leading to the Master of Dentistry (Orthodontics and Dentofacial Orthopedics) and Master of Dentistry (Pediatric Dentistry) degrees.

Admission Information

Admission to the Faculty of Graduate and Postdoctoral Studies

Application and Admission Procedures are found in the Academic Guide (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/application-admission-registration-policies/>).

Admission requirements for Master's students are found in the Master's Degrees General Regulations (https://catalog.umanitoba.ca/graduate-studies/academic-guide/masters-degrees-general-regulations/#Admission_FGSMasters) section of the Guide.

Orthodontics and Dentofacial Orthopedics M.Dent. Admission Requirements

Applicants must be a graduate of a full-time minimum four-year University-based dentistry program and have at least one year of clinical experience.

Application Information

Students should complete and submit their online application with supporting documentation by the date indicated on the Orthodontics and Dentofacial Orthopedics M.Dent. program of study (<https://umanitoba.ca/explore/programs-of-study/orthodontics-dentofacial-orthopedics-mdent/>) page.

Degree Requirements

Students must successfully complete:

- All courses listed under the "Progression Chart"
- A thesis based on original research and acceptable to the Faculty of Graduate Studies and successful oral defence is also required, as well as submission of a peer-reviewed paper suitable for publication to the satisfaction of the Program Director.

Expected Time to Graduate: 3 years

Progression Chart

Course	Title	Hours
Year 1		
GRAD 6000	Summer Research	0
GRAD 7300	Research Integrity Tutorial	0
GRAD 7500	Academic Integrity Tutorial	0
ANAT 7060	Advanced Human Macroscopic (Gross) Anatomy	6
CHSC 6810	Biostatistics for Clinicians	3
		Hours
		9
Years 1-3		
GRAD 7000	Master's Thesis	0
GRAD 7020	Master's Re-registration	0
PDSO 7000	Neural Basis of Oropharyngeal Function (Bi-yearly course – may be taken in Year 2)	3
PDSO 7020	The Mechanics of Orthodontic Therapy (Spanned course - registered in Year 1, Year 2, and Year 3)	6
PDSO 7040	Clinical Craniofacial Growth and Development (Spanned course registered in Year 1, Year 2, and Year 3)	3
PDSO 7060	Cephalometric Analysis (Spanned course - registered in Year 1, Year 2, and Year 3)	3
PDSO 7070	Biology of Orthodontics and Facial Orthopedics (Spanned course - registered in Year 1, Year 2, and Year 3)	3
DDSS 7030	Advanced Oral Radiology (Bi-yearly course – may be taken in Year 2)	1
DDSS 7130	Occlusion (Bi-yearly course – may be taken in Year 2)	3
DDSS 7230	Advanced Oral Pathology (Bi-yearly course – may be taken in Year 2)	6
RSTD 7150	Orthodontic Materials (Bi-yearly course – may be taken in Year 2)	3
		Hours
		31
Year 3		
Thesis Defense ¹		
		Hours
		0
		Total Hours
		40

¹ The oral defence is open to all and the student has 20 to 25 minutes for a presentation, Typically, 5 minutes is permitted per examiner in a first round of questions, then a second round with an opportunity for follow-up questions from each examiner. Questions may be permitted from the audience should time permit. The entire oral examination should not exceed 1 hour, following which the committee will deliberate on whether the candidate passes, passes subject to revision of the thesis or fails.

Registration Information

Students should familiarize themselves with the Faculty of Graduate and Postdoctoral Studies 'GRAD' courses applicable to their program (<https://catalog.umanitoba.ca/graduate-studies/registration-information/>). If you

have questions about which GRAD course(s) to register in, please consult your home department/unit.

Regulations

Students must meet the requirements as outlined in both Supplementary Regulation and BFAR documents as approved by Senate.

Supplementary Regulations

Individual units may require specific requirements above and beyond those of the Faculty of Graduate and Postdoctoral Studies, and students should consult unit supplementary regulations (<https://umanitoba.ca/graduate-studies/supplementary-regulations/>) for these specific regulations.

Bona Fide Academic Requirements (BFAR)

Bona Fide Academic Requirements (BFAR) (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#BFAR>) represent the core academic requirements a graduate student must acquire in order to gain, and demonstrate acquisition of, essential knowledge and skills.

All students must successfully complete:

- GRAD 7300 prior to applying to any ethics boards which are appropriate to the student's research or within the student's first year, whichever comes first; and
- GRAD 7500 within the first term of registration;

unless these courses have been completed previously, as per Mandatory Academic Integrity Course (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#GRAD7500>) and Mandatory Research Integrity Online Course (<https://catalog.umanitoba.ca/graduate-studies/academic-guide/academic-performance-general/#GRAD7300>).

Students must also meet additional BFAR requirements (<https://umanitoba.ca/graduate-studies/student-experience/core-academic-requirements/#additional-requirements-by-program>) that may be specified for their program.

General Regulations

All students must:

- maintain a minimum degree grade point average of 3.0 with no grade below C+,
- meet the minimum and not exceed the maximum course requirements, and
- meet the minimum and not exceed the maximum time requirements (in terms of time in program and lapse or expiration of credit of courses).