



PRE-PROFESSIONAL STUDIES

## PRE-DENTISTRY

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Dentists treat the diseases and conditions that affect the mouth, jaws, teeth, and their supporting tissues. The University of Winnipeg is an excellent place to fulfill the entrance requirements for Dentistry at the University of Manitoba or other dentistry programs.

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### YOUR EDUCATION

#### Year 1-2: Pre-Dentistry at The University of Winnipeg

- Each dentistry program has its own entrance requirements. You must consult with the school where you plan to complete your studies to ensure you choose an appropriate set of courses, and that you will meet the entrance requirements for your Dentistry program of choice.
- To meet the entrance requirements for Dentistry at the University of Manitoba, you will complete a minimum of 60 credit hours, including the “Pre-Professional Requirements” listed below. Applicants must present two sets of two consecutive terms (September-April) with 24 credit hours of new course work completed in each set. All science courses require Lab components.

#### Years 3-6: Professional Studies: Dentistry

- After you complete your pre-professional studies at The University of Winnipeg, you will apply for admission to dentistry at another university or college.
  - Enrolment in dentistry programs is limited, and only the most qualified applicants are chosen. Admission to dentistry is based on academic achievement, performance on the Dental Aptitude Test (DAT), and a personal interview.
  - At least four more years of study are required to complete a dentistry program.
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### PRE-PROFESSIONAL REQUIREMENTS

The following are University of Winnipeg courses that satisfy University of Manitoba's entrance requirements for Dentistry:

**BIOL-1115(3) Cells and Cellular Processes**  
**BIOL-1116(3) Evolution, Ecology, and Biodiversity**  
**CHEM-1111(3) Introduction to the Chemical Properties of Matter**  
**CHEM-1112(3) Basic Principles of Chemical Reactivity**  
**CHEM-2202(3) Organic Chemistry I**  
**CHEM-2203(3) Organic Chemistry II**  
**CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules**  
**CHEM-3503(3) Intermediate Biochemistry II: Intermediary Metabolism**

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One of:

**PHYS-1101(6) Foundations of Physics I\* OR PHYS-1301(6) Introduction to Physics**

\*requires the concurrent or previous completion of MATH-1101(6) OR MATH-1103(3) AND MATH-1104(3)

One of:

**ENGL-1001(6) English 1 OR Two of: ENGL-1000(3) English 1A, ENGL-1003(3) Intro Topics in Literature, ENGL-1004(3) Intro Reading Culture, ENGL-1005(3) Intro Reading to Write Creatively**

PLUS:

**6 credit hours Social Sciences or Humanities**

**18 credit hours Electives**

**Please see University of Manitoba College of Dentistry Applicant Information Bulletin for complete details.** As admission requirements may change from year to year, students are encouraged to review the Bulletin yearly in anticipation of any changes that need to be incorporated into their plans.

## **YOU SHOULD ALSO KNOW...**

**Preparing for the Dental Aptitude Test (DAT):** The DAT is a standardized test that must be taken no later than November of the year preceding admission. The test covers the areas of manual dexterity, natural sciences, general chemistry, perceptual ability, and reading comprehension. You may find it helpful to take a preparatory course offered by a private company, or you may choose to prepare on your own or in a study group. Find information on the DAT at any dentistry school, or on this website: [www.cda-adc.ca](http://www.cda-adc.ca)

**Where Can I Study Dentistry?** You may apply to study dentistry at any of the 10 faculties of dentistry in Canada, or apply to dentistry in the United States or elsewhere. Explore your options: [www.cda-adc.ca](http://www.cda-adc.ca)

## **REQUIRED HIGH SCHOOL COURSES**

You must meet The University of Winnipeg's general admission requirements. In order to take some of the pre-dentistry courses here, you must *also* have the following high school courses:

**Chemistry 40S**

**Pre-Calculus Mathematics 40S or Applied Mathematics 40S (70% minimum)**

Note: Physics 40S and Pre-Calculus 40S are required for the professional program at the UManitoba and may be required at UWinnipeg, depending on course selection. Biology 40S is highly *recommended*.

*What if I don't have these high school courses?* You can still pursue your pre-professional studies, but you might not be able to enroll in certain courses until you obtain the pre-requisites. There are two ways you can do this here: take "Foundation" courses at UWinnipeg that are equivalent to high school-level math and science (MATH-0041 & MATH-0042; CHEM-0100) or complete high school courses at The Collegiate.

## **HOW TO APPLY**

For details on application requirements and deadlines, and to apply online to UWinnipeg, please visit: [uwinnipeg.ca/apply](http://uwinnipeg.ca/apply).

Note: Admission to The University of Winnipeg does not guarantee admission to Dentistry.

(In any case where the University's Academic Calendar and this fact sheet differ, the current Calendar takes precedence.)

## **CONTACT US**

**Academic Advising**

P: 204.786.9257

E: [advising@uwinnipeg.ca](mailto:advising@uwinnipeg.ca)

Judith Huebner

Biology Department Chair

P: 204.786.9769

E: [j.huebner@uwinnipeg.ca](mailto:j.huebner@uwinnipeg.ca)

<http://www.uwinnipeg.ca/index/biology-index>