



## 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

- x 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.
- x 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 and graded course work completed in each set. All science courses require Lab components.

- x Enrolment in dentistry programs is required. Admission to dentistry is based on your SAT/ACT scores, DAT Test (DAT), and a personal interview.
- x At least four more years of study are required.

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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

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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

*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 website and 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 prior to December 1 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