



# THE UNIVERSITY OF WINNIPEG

For more information visit [www.uwinnipeg.ca](http://www.uwinnipeg.ca) or contact a student recruitment officer at [welcome@uwinnipeg.ca](mailto:welcome@uwinnipeg.ca) or 204.786.9844. In any case where The University of Winnipeg Course Calendar and this fact sheet differ, the current Calendar takes precedence.

## Pre-Dentistry

***Dentists treat the diseases and conditions that affect the mouth, jaws, teeth, and their supporting tissues.***

You have the vision, determination, and passion to become a dentist, and you're looking for a university with a strong reputation, personal attention, and excellent research opportunities to help you gain admission to dentistry. Come to The University of Winnipeg for your pre-professional studies and put our small class sizes, community atmosphere, central location, and reputation for excellence to work for you.

Our campus is **located in the heart of downtown Winnipeg**—central to Winnipeg's medical library, dental clinics, major hospitals, research centres, and labs such as the National Microbiology Laboratory and the National Research Council's Institute for Biodiagnostics; it's a great location for studying, volunteering, research, and entertainment.

As a University of Winnipeg student, you will get to know your professors and other students because of our **small classes and community atmosphere**. Our excellent professors—including five Canada Research Chairs—are supportive and accessible, contributing to the many successes of our students.

With students at the second, third, and fourth-year levels doing research alongside some of our most innovative professors, we offer you **research opportunities** that are not available to undergraduate students at other universities. You can also gain **hands-on experience** in your area of study by working as a marker or lab demonstrator and getting involved with one of the many active student groups on campus.

### YOUR EDUCATION

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

- The University of Winnipeg is an excellent place to fulfill the entrance requirements for dentistry at the University of Manitoba or other universities across Canada.
- Each dentistry program has its own entrance requirements. To meet the entrance requirements for Dentistry at the University of Manitoba, you will complete **60 credit hours** over **two years** of full-time study, including the "Pre-Professional Requirements" listed on page 2.

#### 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.

### PRE-PROFESSIONAL REQUIREMENTS

Most students who study Pre-Dentistry at The University of Winnipeg will apply for admission to the Faculty of Dentistry at the University of Manitoba, but you may choose to apply elsewhere. The courses listed below are University of Winnipeg courses that satisfy the 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

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

One of:

ENGL-1001(6) English I OR

ENGL-1000(3) English IA AND ENGL-1003(3) Intro Topics and Literature

*Plus:*

6 credit hours Social Sciences or Humanities

3 credit hours Mathematics (to fulfil the University of Manitoba's Mathematics graduation requirement)

15 credit hours Electives

Applicants must present two sets of two consecutive terms with 24 credit hours of new course work completed in each set.

***Note: You must consult with the institution where you plan to complete your studies to ensure that you choose an appropriate set of courses and that you will meet the entrance requirements for your dentistry program of choice.***

### WHAT OUR STUDENTS SAY...

"It was really easy to get to know other people at The University of Winnipeg. There were a number of other students planning to go into dentistry at the same time that I was, and it really helped to be able to prepare for the DAT [Dentistry Aptitude Test] together." - *Blair Dalglish (BSc '99 Biology) graduated with honours from Dentistry at the University of Manitoba.*

### YOUR FIRST YEAR

We are committed to helping you have a smooth transition from high school to university. You will attend a First Year Survival Session and other orientation sessions to prepare you for university life and introduce you to the facilities and services you will need on campus. We recommend that you choose one of the various sections of Academic Writing to learn the essential strategies for university writing and research. Our Tutoring Centre (3rd floor of Graham Hall) offers peer tutoring to help you develop your writing skills, and in case you need it, our Learning Centre offers free tutoring in chemistry, math, and physics.

### YOUR SUCCESS

The University of Winnipeg has a rich history of academic excellence, and a reputation for providing thorough preparation for professional and graduate programs at other universities. We offer the courses, supports, and challenges you will need to get in to dentistry and build a rewarding, successful career as a dentist.

### PREPARING FOR THE DAT

**The Dental Aptitude Test (DAT) is a standardized test that must be taken in the November 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. Information on the DAT can be obtained from any dentistry school, or from the Canadian Dental Association website at [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 at The University of Winnipeg's Career Resource Centre,

rooms 1A01 and 1A02 in the first floor of Ashdown Hall, or read more about dentistry and dental education programs online at [www.cda-adc.ca](http://www.cda-adc.ca)

### **IN CASE YOU CHANGE YOUR MIND...**

Courses taken as part of pre-professional studies are applicable to University of Winnipeg degree programs. If you change your mind about your studies, you may wish to consult with an Academic Advisor or an instructor from your area of interest to formulate a new study plan.

### **REQUIRED HIGH SCHOOL COURSES**

In addition to meeting The University of Winnipeg's general admission requirements, you must have **Chemistry 40S** and either **Pre-Calculus Mathematics 40S** or **Applied Mathematics 40S** in order to take the required courses for admission to dentistry. Physics 40S and Pre-Calculus Mathematics 40S may be required, depending on the first-year courses you select. Biology 40S is recommended.

### **HOW TO APPLY – Domestic Student**

Apply online at [uwinnipeg.ca](http://uwinnipeg.ca) or pick up an Application for Admission from your high school counsellor's office or the Admissions Office at The University of Winnipeg. To meet Scholarship deadline submit your application and \$80 application fee by **March 1st**.

### **HOW TO APPLY – International Student**

Apply online at [uwinnipeg.ca/index/intl-apply](http://uwinnipeg.ca/index/intl-apply) and submit all official documents by mail. To meet Scholarship deadline submit application, fee, and documents by **March 1st**. International application fee is \$100, which includes a one-time courier fee.

***Note: Admission to The University of Winnipeg does not guarantee admission to dentistry. As a pre-professional student, you will be responsible to research and apply for admission to your professional school of choice.***

### **CONTACT US**

Edward Byard  
Department Chair  
Phone: 204.786.9723  
Email: [e.byard@uwinnipeg.ca](mailto:e.byard@uwinnipeg.ca)  
<http://www.uwinnipeg.ca/index/biology-index>



[Subscribe to our RSS feed](#)



[Follow us on Twitter](#)



[Like us on Facebook](#)