



THE UNIVERSITY OF WINNIPEG

For more information visit www.uwinnipeg.ca or contact a student recruitment officer at 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-Veterinary Medicine 2012 - 2013

A veterinarian specializes in the diagnosis, treatment, and prevention of diseases in animals. Veterinarians treat both domestic animals and livestock in a variety of settings.

You have the vision, determination, and passion to become a veterinary medical doctor, and you're looking for a university with a strong reputation, personal attention, and excellent research opportunities to help you gain admission to veterinary medicine. 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, veterinary clinics and hospitals, and labs such as the National Microbiology Laboratory. 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 getting involved as early as second year 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

Pre-Veterinary Medicine at The University of Winnipeg

- The University of Winnipeg is an excellent place to fulfill the admission requirements for the Western College of Veterinary Medicine at the University of Saskatchewan, or for other veterinary medicine programs.
- To meet the entrance requirements of the Western College of Veterinary Medicine, you will complete **60 credit hours of study**, including the "Pre-Professional Requirements" outlined below. **Although the required 60 credit hours can be completed in two academic years, it is recommended that you spread these challenging courses over three years or more of full-time study** (enough time for you to earn a Bachelor of Science or Bachelor of Arts degree).
- You should see an Academic Advisor, Professor Craig, or Professor Rittberg (see "Contact Us") for assistance in planning your program of study after completing 24-30 credit hours.

Professional Studies: Veterinary Medicine

- In the final year of your pre-professional studies at The University of Winnipeg, you will apply for admission to veterinary medicine at another university.
- Enrolment in veterinary medicine is limited, and only highly qualified applicants are chosen.
- A minimum of four more years of study is required to complete the veterinary medicine program.

PRE-PROFESSIONAL REQUIREMENTS

Most students who study Pre-Veterinary Medicine at The University of Winnipeg will apply for admission to the Western College of Veterinary Medicine at the University of Saskatchewan. The courses listed below are University of Winnipeg courses that satisfy the Western College of Veterinary Medicine's entrance requirements: ENGL-1001(6) English 1 *OR two of the following three courses*: ENGL-1000(3) English 1A, ENGL-1003(3) English 1B, RHET-1005(3) Academic Writing
BIOL-1115(3) Cells and Cellular Processes

BIOL-1116(3) Evolution, Ecology, and Biodiversity
BIOL-2301(3) Genetics
BIOL-2902(3) Biology of the Prokaryotes and Viruses
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
PHYS-1101(6) Foundations of Physics I OR PHYS-1301(6) Introduction to Physics
6 credit hours in Mathematics or Statistics
12 credit hours of electives

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 veterinary medicine program of choice.

YOU SHOULD KNOW

- Because the Western College of Veterinary Medicine was established to serve the needs of western Canada, priority is given to residents of the western provinces (British Columbia, Alberta, Saskatchewan, and Manitoba). A limited number of spaces are reserved for students from each province. Manitoba is allotted space for 12 students each year. For more information on the College, visit their web site at www.usask.ca/wcvm
- The application deadline for the Western College of Veterinary Medicine is in early January. Applications are available from Professor Craig or Professor Rittberg at The University of Winnipeg (see "Contact Us") or directly from the Western College of Veterinary Medicine.
- Although quality animal and veterinary experience are not specific requirements, applicants without significant animal and veterinary experience are rarely successful in being admitted to a school of Veterinary Medicine.
- The Western College of Veterinary Medicine requires all applicants to have a minimum cumulative average of 70% in order to be considered for admission. An interview is part of the selection process. For details on the Educational Equity Program for Aboriginal students, contact the Western College of Veterinary Medicine.

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 into veterinary medicine and build a rewarding, successful career as a veterinarian.

WHAT OUR STUDENTS SAY...

"I chose The University of Winnipeg for my pre-veterinary work because the Chemistry Department offered exceptional learning experiences which were not offered elsewhere. The smaller classes and more intimate campus setting made my time there both more enjoyable and more productive." - *Dr. Diane Keddie (B.Sc. '90 Chemistry) received her doctor of veterinary medicine degree from Western College of Veterinary Medicine and now practices at the Machray Animal Hospital.*

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.

WHERE CAN I STUDY VETERINARY MEDICINE?

There are four colleges of veterinary medicine in Canada, located in Saskatoon, Charlottetown, Guelph, and

Montreal. With few exceptions, applicants living west of the Ontario border must attend the Western College of Veterinary Medicine in Saskatoon. Another option for Manitoban students is the College of Veterinary Medicine at the University of Minnesota.

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 veterinary medicine. Physics 40S and Pre-Calculus Mathematics 40S may also be required, depending on the courses you select.

HOW TO APPLY – Domestic Student

Apply online at 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.

HOW TO APPLY – International Student

Apply online at 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 veterinary medicine. As a pre-professional student, you will be responsible to research and apply for admission to your professional school of choice.*

CONTACT US

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