



PRE-PROFESSIONAL STUDIES

PRE-VETERINARY MEDICINE

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.

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 other vet medicine programs.

YOUR EDUCATION

PRE-Veterinary Medicine at The University of Winnipeg

- To meet the entrance requirements of the Western College of Veterinary Medicine (WCVN), you must complete **60 credit hours of study**, including the “Pre-Professional Requirements” below.
- Applicants must have completed at least 2 regular sessions (Sept-Apr) in which each session contains a minimum of 24 credits of university-level degree courses. However, they recommend taking 30 credit hours/session to prepare for the academic rigour of the Vet program.
- Applicants must have a minimum cumulative average of 75% to be considered for admission.
- You should see a Faculty Advisor - Professor Robert Anderson (Dept. of Biology) or Instructor Laura Anne Warzyscki (Dept. of Biology) for assistance in planning your program 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 Doctor of Veterinary Medicine (DVM) program.
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PRE-PROFESSIONAL REQUIREMENTS

The courses listed below and on the next page are University of Winnipeg courses that satisfy the WCVN’s 2024 entrance requirements. **NOTE: See [WCVN website](#) for prerequisite changes approved for 2025.**

ENGL-1001(6) English 1 OR 6 credits from 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
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-2502(3) Introduction to Biochemistry OR CHEM-3502(3) Intermediate Biochemistry I: Structure, Function, and Energetics of Biomolecules

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

BIOL-1115(3) Cells and Cellular Processes

BIOL-1116(3) Evolution, Ecology, and Biodiversity

BIOL-2301(3) Genetics

BIOL-2902(3) Biology of Bacteria and Archaea

6 credit hours in Mathematics or Statistics

21 credit hours electives (3 credit hours covered by taking 6 in PHYS) There are no preferred electives.

NEW: Situational judgment test (SJT) — Effective for Fall 2024 entry, all applicants to the WCVM's DVM program will be required to complete a situational judgment test (i.e., Casper).

Please see WCVM Applicant Manual for complete details on admission:

<https://admissions.usask.ca/documents/brochures/wcvm-admissions-manual.pdf>

YOU SHOULD ALSO KNOW...

- Because the WCVM was established to serve the needs of western Canada, seats are only available to residents of the western provinces (British Columbia, Saskatchewan, and Manitoba). A limited number of spaces are reserved for students from each province. **Manitoba is allotted space for 20 students each year.** See <https://admissions.usask.ca/veterinary-medicine.php>
- The application deadline for the WCVM is **December 1**.
- Applicants are required to have both experience and good knowledge of animals and the veterinary profession to be successful in gaining admission.
- The WCVM requires all applicants to have a **minimum cumulative average of 75% in order to be considered for admission**. An interview is part of the selection process.
- For details on the Educational Equity Program for Indigenous students, contact the [WCVM](#).
- There are five colleges of veterinary medicine in Canada, located in Saskatoon, Charlottetown, Guelph, Montreal, and Calgary (Alberta residents only). As a regional veterinary college, the WCVM accepts applicants who are residents of British Columbia, Saskatchewan, Manitoba and the northern territories. Another option for Manitoban students is the College of Veterinary Medicine at the University of Minnesota.
- You must consult with the school where you plan to complete your studies to ensure you choose an appropriate set of courses to meet the entrance requirements for your program of choice.

REQUIRED HIGH SCHOOL COURSES

There are no specific high school requirements for the DVM program. However the following high school courses are often required to take pre-veterinary courses. Therefore, in addition to meeting The University of Winnipeg's general admission requirements, you will need **Chemistry 40S**, and either **Pre-Calculus Mathematics 40S** or **Applied Mathematics 40S**. Biology 40S and Physics 40S are 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, please visit: uwinnipeg.ca/apply. **NOTE:** Admission to The University of Winnipeg does not guarantee admission to Veterinary Medicine.

CONTACT US

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