

## PRE-PROFESSIONAL STUDIES AT CMU

### Preparing for a Career in VETERINARY MEDICINE

Completing two full years at Canadian Mennonite University (CMU) could prepare you to meet the entrance requirements for Veterinary Medicine. **This page explains what you could take at CMU to meet the entrance requirements for Veterinary Medicine at the Western College of Veterinary Medicine (WCVM) at the University of Saskatchewan.** If you intend to continue studies at some other university, similar possibilities exist. It is important, however, that you inquire about admission and program requirements at the university you are considering, and that you work with the Coordinator of Student Advising at CMU to construct a program of studies at CMU that will achieve your objectives.

The Western College of Veterinary Medicine **reserves 15 spaces for qualified students who are residents of Manitoba.** There is no advantage for applicants to attend the University of Saskatchewan for their pre-Veterinary studies. If you intend to seek admission to the Western College of Veterinary Medicine, it could be possible for you to complete the entrance requirements *without adding to the time it would take if you were to go directly to the University of Saskatchewan.* However, according to the WCVM website, "At least two full years of university work are required to complete the [admission] requirements. Most applicants have more than two years of university work. However, neither the number of years of pre-professional study nor the degree(s) held are factors in selecting students."

To become eligible for admission to the WCVM at the University of Saskatchewan, you must present at least 60 credit hours with a minimum GPA of 75% ('B') average. Admission is based on a number of factors including mental aptitude, academic performance, motivation, maturity, experience with animals, leadership qualities, social awareness, deportment, verbal facility, and ability to communicate, and an understanding and knowledge of the veterinary profession. Additionally, experience working in an animal or veterinary setting is highly recommended. Applicants require at least one letter of reference from a veterinarian and one letter of reference from an individual who has an animal-related or agricultural background.

Courses taken must include the following, all available at CMU:

- 6 credits of Biology with labs – BIOL-1310 and BIOL-1320
- 6 credits of Chemistry with labs – CHEM-1010 and CHEM-1020
- 6 credits of English
- 6 credits of Mathematics or Statistics
- 3 credits of Organic Chemistry – CHEM-2010
- 3 credits of Physics – PHYS-1010
- 3 credits of Biochemistry – CHEM-2110
- 3 credits of Genetics – BIOL-2100
- 3 credits of Introductory Microbiology – BIOL-2200
- 21 credits of elective courses

#### Example of a qualifying year 1 and 2 for admission to **Bachelor of Veterinary Medicine.**

<u>First Semester – Year One</u>	<u>Second Semester – Year One</u>
One of the following: BTS-1110 Biblical Literature & Themes <b>OR</b> BTS-1120 Encountering the Bible <b>OR</b> BTS-1130 Introducing Jesus: An Overview of the Christian Bible	One of the following: BTS-2000 Intro to Christianity <b>OR</b> BTS-2420 Exploring Christian Spirituality <b>OR</b> BTS- 2550 History of Christianity <b>OR</b> BTS-2720 Theologies of the Global South <b>OR</b> BTS- 2750 Intro to Christian Ethics
ENGL-1010 English Literature – Prose Fiction	ENGL-1020 English Literature – Poetry and Drama
BIOL-1310 Cells and Energy	BIOL-1320 Diversity of Life
CHEM-1010 Structure and Modeling in Chemistry	CHEM-1020 Physical Chemistry
Elective	BIOL-2100 Genetics of Eukaryotes and Bacteria
<u>First Semester – Year Two</u>	<u>Second Semester – Year Two</u>
BTS Elective <b>OR</b> Integrative Studies Elective	BTS Elective <b>OR</b> Integrative Studies Elective
MATH-1020 Introduction to Calculus	MATH-1000 Basic Statistical Analysis
PHYS-1010 Physics 1 – Mechanics	PHYS-1020 Physics 2 – Waves of Modern Physics <b>OR</b> Elective
CHEM-2110 Biochemistry I – Biomolecules and Metabolic Energy	CHEM-2010 Organic Chemistry I – Structure and Function
Elective	BIOL-2200 Microbiology

**High School prerequisites: Biology 40S, Chemistry 40S, Math 40S (applied or pre-calculus) and Physics 40S.**

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