Effective September 2021

Pre-Veterinary Program

A pre-veterinary program is offered to students who plan to apply for the degree Doctor of Veterinary Medicine. Pre-veterinary students whose academic standing is acceptable can apply to the Western College of Veterinary Medicine (WCVM), University of Saskatchewan. Acceptance into the Western College of Veterinary Medicine from the pre-veterinary program at the University of Manitoba is normally restricted to residents of Manitoba. Students from outside Manitoba may be accepted as residents of their own province or country. Students entering the pre-veterinary program are responsible for establishing their residence status.

Western College of Veterinary Medicine, University of Saskatchewan
Two full years (a minimum of 60 credit hours) of university training is required for admission. Refer to the University of Saskatchewan's website to review the admission requirements: https://admissions.usask.ca/veterinary-medicine.php#Admissionrequirements. **NOTE:** CHEM 1120 is required for admission to WCVM, however, does not count towards the 60 credit hours therefore students must take a total of 63 UM credit hours.

The following program is designed to meet the course requirements to apply to the Western College of Veterinary Medicine, while allowing students to also progress in parallel with other programs in the Faculty of Agricultural and Food Sciences.

Year 1

Course No.	Course Name	Credit Hours
ABIZ 1000	Introduction to Agribusiness Management	3
AGRI 1600	Introduction to Agrifood Systems	3
BIOL 1020	Biology 1: Principles and Themes	3
BIOL 1030	Biology 2: Biological Diversity, Function and Interactions	3
CHEM 1100	Introductory Chemistry 1: Introductory Chemistry 1: Atomic and Molecular Structure and Energetics	3
CHEM 1120	Introduction to Chemical Techniques	3
CHEM 1130[1]	Introduction to Organic Chemistry	3
ECON 1010	Introduction to Microeconomic Principles	3
ENGL 1340[2] or ENGL 1400[2]	Introduction to Literary Analysis or Thematic Approaches to the Study of Literature	3
HNSC 1200 or HNSC 1210	Food: Facts and Fallacies or Nutrition for Health and Changing Lifestyles	3
MATH 1300[3] or MATH 1210[3] or MATH 1500[3] or MATH 1510[3] or MATH 1520[3]	Vector Geometry and Linear Algebra or Techniques of Classical and Linear Algebra or Introduction to Calculus or Applied Calculus 1 or Mathematics for Management and Social Sciences	3
Total Credit Hours		33

Note: Any discrepancies between this document and the Academic Calendar, the Academic Calendar takes precedent.

Year 2

Course No.	Course Name	Credit Hours
AGRI 2030[2]	Technical Communications	3
AGRI 2400	Experimental Methods in Agricultural and Food Sciences	3
CHEM 1110	Introductory Chemistry 2: Interaction, Reactivity, and Chemical Properties	3
CHEM 2730/MBIO 2730[4]	Elements of Biochemistry 1	3
MBIO 1010	Microbiology 1	3
PHYS 1020	Physics 1	3
PLNT 2520/BIOL 2500	Genetics	3
Free Electives[5]		9
Total Credit Hours		30

Notes:

1. CHEM 2100 (Organic Chemistry 1: Foundations of Organic Chemistry) can be substituted for CHEM 1130 (Introduction to Organic Chemistry).

2. AGRI 2030 and ENGL 1340/1400 together meet the English requirements of 6 credit hours. Students may elect to take either ENGL 1200 or ENGL 1300 (6 credit hours) for the Pre-Veterinary program.

3. Students are recommended to take one the MATH courses listed in the program requirements above however may also use either MATH 1220 or MATH 1230 to meet the requirement.

4. Under required courses, students can take either CHEM 2730/MBIO 2730 (Elements of Biochemistry 1) or CHEM 2700/MBIO 2700 (Biochemistry I: Biomolecules and an Introduction to Metabolic Energy).

5. Note that ANSC 2500 (Animal Production), ANSC 2510 (Anatomy and Physiology 1), and ANSC 2520 (Anatomy and Physiology 2) are recommended as Free Electives for students to progress in parallel with the Animal Systems program.