

# PRE-VETERINARY MEDICINE

Veterinary medicine focuses on animal health and the study of diseases that affect all animal species. Veterinarians receive comprehensive training in all basic and clinical sciences with relation to a variety of species, including food-producing animals, horses, companion animals, exotic pets and wildlife.

## REQUIRED PRE-REQUISITE UNIVERSITY COURSES

The Western College of Veterinary Medicine (WCVN) at the University of Saskatchewan, serves as the premier centre of veterinary education, research and clinical expertise for all of Western Canada. WCVN offers an accredited, professional, four-year **Doctor of Veterinary Medicine (DVM)** degree. Qualifying studies, consisting of at least 60 credit hours (or two-years) of university courses, may be completed at the University of Regina.

CREDIT HOURS	REQUIRED COURSES
9.0	BIOL 100, 101, and 205
3.0	BIOL 224, 303, or BIOL 310
3.0	BIOC 220
9.0	CHEM 104*, 105, and 140
6.0	ENGL 100 and 110
3.0	MATH 110**
3.0	MATH 111 or STAT 160
3.0	PHYS 109 or 111
51.0	17 Open Electives and/or Prep Degree Courses
<b>90.0</b>	<b>TOTAL</b>

\*CHEM 104 requires CHEM 30 (at least 65%) or CHEM 100 (minimum 65%) AND PRE-CALC 30 (minimum 65%) or MATH 102.

\*\*MATH 110 requires PRE-CALC 30 (minimum 65%) or MATH 102.

## ANIMAL EXPERIENCE

Significant animal experience is required because it's assumed that most veterinarians will be working with animals during their career. Experience working with animals allows applicants to determine how well they enjoy working with animals. These experiences also help to give an indication of their aptitude and compassion. "Significant animal experience" goes beyond pet ownership. For example, it could include responsibility for the care and husbandry of livestock or a food animal unit, breeding/showing animals, experience at rehabilitation facilities or humane societies/shelters, or any other animal-related hobby or experience where a veterinarian is not always present. The amount of animal and veterinary experience required will vary from one applicant to another.

## INTERVIEW

The structured interview is designed to assess the applicant's understanding of the profession and to evaluate non-academic qualities.

## ACADEMIC REQUIREMENTS

1. Completion of 60 credit hours of required pre-veterinary medicine courses. It is recommended that these courses are completed through the Faculty of Science, though there is no specific major within Science that is required. The course work must include 24 credit hours taken in at least two academic year (September to April).
2. A minimum average of 75% of all courses taken to be considered for admission. The average is not limited to the pre-requisite courses.

## ANIMAL & VETERINARY EXPERIENCE

The importance of animal and veterinary experience is to ensure applicants are making an informed career choice.

### VETERINARY EXPERIENCE

Experiences should be obtained under the supervision of a veterinarian in placements such as clinical practice, research laboratories, animal shelters, animal rehabilitation facilities, public health settings or another related industry where a veterinarian is employed. Veterinary experience provides applicants insight into the day-to-day life as a veterinarian and an understanding of the veterinary profession. The purpose of the experience is not to learn a basic core of veterinary or animal handling skills. For many, obtaining veterinary experience means spending quality time with a veterinarian — either as a volunteer or as a paid employee.

## MISSING YOUR CHEM 30?

Students who are missing this requirement can either upgrade their CHEM 30 at the Allan Blakeney Adult Campus, SaskPolytechnic, or take CHEM 100 at the U of R prior to starting in CHEM 104.

## MISSING YOUR PRE-CALC 30?

Students who are missing this requirement can either upgrade their PRE-CALC 30 at the Allan Blakeney Adult Campus, SaskPolytechnic, or take MATH 102 at the U of R prior to starting in MATH 110.

## SELECTION CRITERIA

Admission to the WCVM is highly competitive. Completion of the pre-veterinary requirements with the minimum average does not guarantee acceptance to the college's DVM program. Selection is based upon assessment of a number of factors including:

- mental aptitude
- academic performance
- motivation
- maturity
- experience with animals
- leadership qualities
- social awareness
- communication skills
- an understanding and knowledge of the veterinary profession.

Degrees or diplomas held are not factors in the selection process. The weighting of selection factors is 60 per cent academic and 40 per cent non-academic. This weighting is used to establish the rank order of applicants who will be offered admission.



### 83 SEATS AVAILABLE FOR ADMISSION

SK Residents: 20  
OOP Residents: 63



### 2019-20 VETERINARY ADMISSION STATS

Admission Average: 80.7% - 94.5%  
Total Applicants: 268; 81 (SK)

## RECOMMENDED COURSE SEQUENCING

### YEAR 1

Listed below is the recommended course sequence for the requirements of the Pre-Optometry program. This sequence must be followed in order to complete the required courses in three years.

SEMESTER 1	SEMESTER 2
BIOL 100* CHEM 104 ENGL 100 MATH 102 or 110 Prep Degree	BIOL 101** CHEM 105** CHEM 140 ENGL 110 Prep Degree

\*BIOL 100 is a Fall and Spring/Summer course

\*\*BIOL 101 and CHEM 105 are usually Winter only courses

### YEAR 2

SEMESTER 1	SEMESTER 2
BIOC 220*** BIOL 310 MATH 110 or Prep Degree PHYS 109 Prep Degree	BIOL 205**** BIOL 224 MATH 111 or STAT 160 Prep Degree Prep Degree

\*\*\*BIOC 220 is a fall only course

\*\*\*\*BIOL 205 is a winter only course

**Prep Degree Definition:** Professional Programs expect that while completing admission requirements, students are working towards an undergraduate degree program. This is what we call a prep degree! Question to ask yourself - what is your plan B? Choose something you like and that you are good at! For more information on how to align your goals and your interests, please connect with an academic advisor.

**Note:** Course requirements are based solely on the USask Veterinary Medicine requirements, and are subject to change.

## WANT TO KNOW MORE? CONTACT US!



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of Regina



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