Veterinary Medicine is the branch of science that deals with the application of medical, surgical, public health, dental, diagnostic, and therapeutic principles to non-human animals including wildlife and domesticated animals such as livestock, working animals, and companion animals. Practitioners of Veterinary Medicine are known as Veterinarians. Veterinary science helps human health through the monitoring and control of zoonotic disease (infectious disease transmitted from non-human animals to humans).

Veterinarians must eventually obtain a Doctor of Veterinary Medicine (D.V.M or V.M.D) degree and a license to practice. The prerequisites for admission to veterinary programs vary from school to school with many programs not requiring a bachelor's degree for entrance. Instead they require a number of credit hours that range from 45 to 90 semester hours at the undergraduate level. However, most students admitted to Veterinary school have earned a bachelor's degree. So despite the fact that a bachelor's degree is not required, applicants without a degree are at a disadvantage.

Students are encouraged to participate in volunteer work and/or an internship in veterinary clinics, farms, zoos, wildlife parks or ranches for hands on experience in the field.

Most Pitt-Bradford students interested in a career in Veterinary Medicine major in Biology in preparation for post-baccalaureate course work.

**Required Skills:**
- Scientific Mind
- Communication (Oral & Written)
- Compassion
- Problem Solving
- Leadership
- Interpersonal Communication
- Critical Thinking

**Possible Employers:**
- Private or Corporate Clinic
- US Public Health Services
- Zoo
- Wildlife Protection Service
- Animal Shelter
- Government Agency
- Military

**Professional Organizations:**
- American Veterinary Medical Association [www.avma.org](http://www.avma.org)
- Pennsylvania Veterinary Medical Association (PVMA) [www.pavma.org](http://www.pavma.org)
- Veterinary Emergency & Critical Care Society [www.veccs.org](http://www.veccs.org)
- American Animal Hospital Association [www.aahanet.org](http://www.aahanet.org)
- Northeast Pennsylvania Veterinary Medical Association [www.animalhospitalofmtpocono.com/NEPVMA](http://www.animalhospitalofmtpocono.com/NEPVMA)

**Find out more about careers in veterinary medicine at:**
- Career Services [www.upb.pitt.edu/career.aspx](http://www.upb.pitt.edu/career.aspx)
Pre-Veterinary Medicine - Curriculum Guide

Student Name: Advisor:

Note: Students can identify their career goals by choosing the Pre-Veterinary Medicine advising track, but they still must choose an official Pitt-Bradford major. Pre-Veterinary Medicine is not an official major. Most students pursuing this career choose to major in Biology.

Students interested in earning a Doctor of Veterinary Medicine (DVM) upon completing a bachelor's degree at the University of Pittsburgh at Bradford may choose to major in any academic discipline while satisfying the Pre-Veterinary Medicine prerequisites. However, most students admitted into a veterinary medical program majored in biology.

PRE-VETERINARY MEDICINE PRE-REQUISITES

☐ BIOL 0101 Introduction to Cell and Molecular Biology
☐ BIOL 0102 Introduction to Biodiversity
☐ CHEM 0101 General Chemistry I
☐ CHEM 0102 General Chemistry II
☐ CHEM 0206/0207 Organic Chemistry I and lab
☐ CHEM 0208/0209 Organic Chemistry II and lab
☐ CHEM 1306 Biochemistry
☐ ENG 0101 English Composition I
☐ ENG 0102 English Composition II
☐ PHYS 0101 Introduction to Physics I
☐ PHYS 0102 Introduction to Physics II OR
☐ PHYS 0201/0203 Foundations of Physics I with lab
☐ PHYS 0202/0204 Foundations of Physics II with lab
☐ Social Sciences and/or Humanities Coursework

In addition to the above requirements, many Podiatry programs also recommend the following course:

☐ BIOL 0203 Genetics
☐ BIOL 1302 Microbiology
☐ BIOL 1310 Animal Physiology
☐ PSY 0201 OR MATH 0133 Statistics

PRE-VETERINARY MEDICINE SCHOOL

ADMISSION REQUIREMENTS

Admission to Veterinary school is highly competitive. Students interested in attending a Veterinary school should start the application process in the SUMMER or FALL prior to starting the program. Though admission requirements vary among schools, most admission committees will look the following:

- Undergraduate Course Work (especially science courses)
- Undergraduate Grade Point Average
- GRE Scores
- Extra-Curricular Activities and Related Work Experience
- Letters of Recommendations

IMPORTANT: Since the required prerequisites for individual schools may vary from these recommendations, it is very important to review the requirements for schools of interest early in your undergraduate career.

Program Contacts: Dr. Mary Mulcahy, mnp1@pitt.edu, 814.362.0259, 203F Fisher Hall

GENERAL GRADUATION REQUIREMENTS

2.0 Cumulative Grade Point Average, 120 Earned Credit Hours, 30 Hours of Upper Level Courses (1000 level or above)

NOTE: This guide is unofficial. Completing the requirements on this sheet does NOT guarantee degree completion. Official degree completion information can be found in MY.PITT.EDU. Contact your Faculty Advisor and/or the Registrar’s Office with questions or concerns.