Veterinary Medicine

The following schools offer the Doctor of Veterinary Medicine (DVM) degree.

- Colorado State University: The College of Veterinary Medicine and Biomedical Sciences
- Cornell University College of Veterinary Medicine, NY
- Michigan State University College of Veterinary Medicine
- North Carolina State University College of Veterinary Medicine
- Ohio State University College of Veterinary Medicine
- Cummings School of Veterinary Medicine at Tufts University, MA
- University of California Davis School of Veterinary Medicine
- College of Veterinary Medicine, University of Illinois at Urbana-Champaign
- College of Veterinary Medicine, University of Minnesota
- University of Pennsylvania School of Veterinary Medicine
- Virginia-Maryland College of Veterinary Medicine, VA
- College of Veterinary Medicine, Washington State University
- University of Wisconsin-Madison School of Veterinary Medicine

Required Courses: Applicants to veterinary programs must complete the following courses. Interested individuals are encouraged to take upper-level science courses as time and interests permit.

- BIOL 105 and BIOL 106 (General Biology I & II)
- BIOL 201 (General Microbiology)
- BIOL 286 (Principles of Genetics)
- BIOL 285 (Principles of Cell Biology)
- BIOL 325 & BIOL 326 (Anatomy & Physiology)
- CHEM 113 and CHEM 114 (General Chemistry I & II)
- CHEM 251 and CHEM 252 (Organic Chemistry I & II)
- CHEM 371 and CHEM 376 (Biochemistry I & Lab)
- PHYS 121 and PHYS 122 OR PHYS 145 and PHYS 146
- BIOL 230, PSYCH 107 OR DATA 205
- MATH 122 (Pre-Calculus)
- One course in Animal Nutrition
- Two courses in Arts and Humanities: Art, History, Philosophy, etc.
- Two courses in Behavioral and Social Sciences: Psychology, Sociology, etc.
- Two courses in English composition

Recommended Courses: In addition to the prerequisites, veterinary colleges suggest that students take several of the following advanced-level courses.

- BIOL 226 (Comparative Anatomy)
- BIOL 345 (Animal Behavior)
- BIOL 350 (Molecular Genetics)
- BIOL 360 (Histology)
- BIOL 365 (Developmental Biology)
- BIOL 666 (Immunology)
- BIOL 668 (The Biology of Cancer)
- BIOL 685 (Development of Nervous System)
- BIOL 710 (Molecular Biology)
- BIOL 717 (Virology)
- BIOL 373 (Neurobiology)
- CHEM 373 (Biochemistry II)

Miscellaneous Requirements

- Bachelor’s degree
- Minimum GPA of 3.0 but more than 3.7 to be competitive
- The GRE® score (verbal, quantitative, and written analytical portions of the general test)
- Minimum of 200 hours of professional medical work in animal research; food animal production; aquatic, wildlife, or zoological medicine; or other veterinary activities
- All other animal-related experiences will also be evaluated, such as working with livestock; breeding/showing dogs or other animals; working at a zoo, aquarium or pet shop; equestrian activities; volunteer time at an animal shelter/rescue, etc.
- Extracurricular and community activities
- Committee letter OR three recommendation letters from faculty

1 – This list is based on and derived from admission requirements at the aforementioned schools for 2019–2020. Exact prerequisites may vary and must be verified with individual schools.

2 – This is not a complete list of electives. Other biology courses may also qualify.

3 – Exact requirements must be verified with individual schools.