



Preparing to Enter Veterinary Medical Colleges

The following selection of colleges offer a degree in Doctor of Veterinary Medicine (DVM). To see a complete list of US medical colleges, please visit the [American Veterinary Medical Association](#).

- [Cornell University College of Veterinary Medicine, NY](#)
- [Long Island University College of Veterinary Medicine](#)
- [Purdue University College of Veterinary Medicine](#)
- [Michigan State University College of Veterinary Medicine](#)
- [North Carolina State University Veterinary Medicine](#)
- [The Ohio State University College of Veterinary Medicine](#)
- [Tufts University Cummings School of Veterinary Medicine, MA](#)
- [University of California Davis](#)
- [University of Illinois at Urbana Champaign College of Veterinary Medicine](#)
- [University of Georgia - College of Veterinary Medicine](#)
- [University of Pennsylvania Veterinary Medicine](#)
- [Virginia-Maryland College of Veterinary Medicine](#)
- [University of Florida College of Veterinary Medicine](#)

Required Courses¹: Students interested in applying to Medical Colleges must take a rigorous course load demonstrating willingness to challenge themselves. Completion of following courses is required before applying for admissions into Medical Colleges:

- **General Biology I & II:** BIOL105 AND BIOL 106
- **Microbiology:** BIOL 201
- **Genetics:** BIOL 285
- **Cell Biology:** BIOL 286
- **Anatomy & Physiology:** BIOL 325 AND BIOL 326
- **General Chemistry I & II:** CHEM 113 AND CHEM 114
- **Organic Chemistry I & II:** CHEM 251 AND CHEM 252
- **Biochemistry:** CHEM 371
- **General Physics I & II:** PHYS 121 AND PHYS 122 OR PHYS 145 AND PHYS 146
- **Statistics:** BIOL 230 OR DATA 205 OR PSYCH 107
- **Calculus:** MATH 141 or better
- 1 course in Nutrition: Recommended FNES 163²
- 2 courses in Arts and Humanities: History, Philosophy, Arts, etc.
- 2 courses in Behavioral and Social Sciences; Sociology, Psychology, etc.
- 2 courses in English Composition

Recommended Courses: In addition to the required courses above, veterinary colleges suggest that students choose several courses from the list of advanced level courses below.

- BIOL 226 – Comparative Anatomy
- BIOL 345 – Animal Behavior
- BIOL 360 – Histology
- BIOL 365 – Developmental Biology
- BIOL 366 – Immunology
- BIOL 369 – Virology
- BIOL 373 – Neurobiology
- CHEM 372 – Biochemistry II
- CHEM 376 – Biochemistry Lab

Miscellaneous Requirements³:

- Bachelor's Degree
- Competitive cumulative and pre-requisite GPA
- Academic Research Experience
- **Veterinary Experience:** Minimum of 200 hours of veterinary medical profession (animal research, food animal production, aquatic, wildlife, zoological medicine, etc.)
- **Animal Experience:** All other animal related experiences will also be evaluated, such as working with livestock, breeding/ showing dogs or similar, working at a zoo, aquarium or pet shop, equestrian activities, volunteer time at an animal shelter/rescue, etc.
- Community service, volunteering, and altruistic endeavors (unpaid)
- Demonstrated leadership: club board member, mentoring, teaching, etc.
- Committee letter or 3 Letters of Recommendation

¹ – The exact prerequisite courses may vary between schools and must be verified with individual schools. Students are strongly encouraged to consult with their respective schools before applying.

² – FNES department permission required.

³ – These requirements differ between programs and must be verified before applying.