

Pre-Veterinary Students

Veterinarians are best known for caring for animals. However, many veterinarians pursuing career options in public health such as identifying the links between human and animal diseases such as SARS, mad cow disease, West Nile virus, and the avian flu.

Veterinary medical schools vary on admission requirements. Most programs require the student to complete the Graduate Record Examinations (GRE), however some schools accept the Medical College Admission Test (MCAT). Additionally, some schools only accept state residents, while other programs accept “at-large” candidates. Applicants are encouraged to gain experience with animals through observation hours, hands-on practice, and research opportunities.

Application Process: Students interested in veterinary medical school should plan to complete the GRE during the spring of their junior year or summer before senior year. The application process begins with Veterinary Medicine Centralize Application (VMCAS), a centralized application utilized by a number of veterinary medicine programs. Prior to the application process, students should research the required prerequisite coursework, residential restrictions, application requirements, and deadlines for each school of interest.

	Prerequisite Coursework	Drake Course
FR	Biological Sciences	BIO 012: General/Pre-Professional Biology I & Lab (Fall) BIO 013: General/Pre-Professional Biology II & Lab (Spring)
	Inorganic Chemistry	CHEM 001/003: General Chemistry I & Lab (Fall) CHEM 002/004: General Chemistry II & Lab (Spring)
	Composition	First Year Seminar (Fall) Written Communication AOI (Fall, Spring)
SO	Organic Chemistry	CHEM 097/098: Organic Chemistry I & Lab (Fall) CHEM 108/110: Organic Chemistry II & Lab (Spring)
	Physics	PHY 011: Physics I & Lab (Fall) PHY 012: Physics II & Lab (Spring)
	Mathematics	MATH 050: Calculus I (Fall, Spring)
JR or SR	Recommended Courses (mostly General Elective & Professional Elective)	HSCI 163: Pharmacology (F) BIO 101: Comparative Anatomy (F) BIO 129: Physiology & Lab (F) BIO 095: Microbiology (S) PHAR 130: Biochemistry (F) BIO 105: Intro to Genetics (F, S, PHAR 132: Pathophysiology (S) Su) STAT 060: Stats for Life Sciences (F, S) BIO 165: Cell Biology (F)

ADDITIONAL VETERINARY SCHOOL RESOURCES

Association of American Veterinary Medical Colleges – <http://www.aavmc.org>
 VMCAS – <https://portal.vmcas.org/>
 GRE – <http://www.ets.org/gre>
 MCAT – <http://www.aamc.org/mcat>