

Course Prerequisites for Veterinary Medicine

Due to variation in each school's curriculum, the following is merely a guideline of typical requirements. To determine the exact requirements for each program, the student should work with their academic advisor to review each school to which he/she is applying.

You are not required to have a bachelor's degree to start a D.V.M. program. However, applicants with a BS or BA are given preference, and the vast majority of admitted students have a bachelor's degree.

SMSU Course Number	Pre-Requisite courses for Program	Semester Credit Hours
Biol 200	Introduction to cellular biology with lab	4
Biol 201	Introduction to Biodiversity and Evolution with lab	4
Biol 303	Microbiology with Lab	5
Biol 321	Genetics with lab	4
Biol 305/306	Anatomy and Physiology I and II with Lab (recommended)	8
Chem 231/232	General Chemistry I and II with lab	10
Chem 351/352	Organic Chemistry I and II with lab	10
Chemistry 473	Biochemistry with lab	4
Phys 141/142	College Physics I and II	8
Math 110 or higher	College Algebra or higher	3
Eng 151	Academic Writing	4
Eng 251	Writing in the Professions	3
Spch 110	Fundamentals of Public Speaking	3
Liberal Arts Courses	Four Elective courses should be selected to achieve as broad and liberal an education as possible. Additional electives can be chosen from among the following recommended subject areas: Social and Behavioral Sciences, History, Humanities, Art, and Foreign Language.	12+

Most applicants are required to take the Graduate Record Exam (GRE) for admission into the program. The GRE measures the applicant's verbal reasoning, quantitative reasoning, and analytical writing. For more information about GRE and preparation for the exam visit <https://www.ets.org/gre/>