

Preparation for Admission to Veterinary Medicine Programs

Listed below are the courses required for admission to the College of Veterinary Medicine at Mississippi State University. Other veterinary medicine programs have similar requirements, but you should study the specific prerequisites at the schools you plan to apply to. The prerequisite courses are typically completed in 2 years at DSU. Pre-vet students should also consider following the curriculum for a BS degree in chemistry or biology while taking the pre-vet requirements, thus opening up additional career opportunities.

	Courses	Credit	Notes
General Education Requirements			
English Composition	ENG 101 and ENG 102 or 103	6	Two semesters of English composition
Communication Studies	COM 101 or 202	3	Take either Public Speaking or Interpersonal Communications.
Humanities, social/behavioral science, and fine arts	Any combination of humanities, social/behavioral science, and fine arts courses.	15	Because literature, fine arts, history, general psychology, and social sciences are required for all DSU degrees, most students should select courses that will count toward DSU general education requirements in case they decide to graduate from DSU. See the current Bulletin for details on general education courses.
Mathematics	MAT 104/105 or MAT 106	6	Six hours of mathematics at the level of college algebra or above. Most students take college algebra (MAT 104) and trigonometry (MAT 105). Precalculus (MAT 106) will substitute for MAT 104/105. In this case, an additional math course is required.
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Science and other Requirements			
Chemistry	CHE 101, 102, 103, 104, 319, 320, 321, 322, 440	21-23	Two semesters of general chemistry, two semester of organic chemistry, and one semester of biochemistry.
Physics	PHY 221, 222, 233, 234	8	First and second semesters of physics for the life sciences with laboratories
Biology	BIO 100, 101, 217	12	Principles of biology I and II, and microbiology.
Advanced science electives	Such as BIO 300, 328, 330, 331, 423, 427, 447, CHE 311, 351, FCS 345	12	Electives can be chosen from: cell biology, genetics, mammalian physiology, histology, immunology, parasitology, quantitative analysis, physical chemistry, nutrition, or other advanced biology, chemistry, or mathematics courses.
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Additional Notes:

- Enrollment in upper-level BIO courses (BIO 200 and above) requires that you have "Full Admission" status. You have full admission status if you have completed BIO 100, 101, and CHE 101, 102, 103, and 104 with no grades below C. Consult the Bulletin or the Division of Biological and Physical Sciences web site, or see your advisor for more information.
- Applicants to veterinary school must have a minimum GPA of 3.0, both as a cumulative average and in the required math/science courses. No grade lower than C is acceptable in any required course.
- Applicants to veterinary school must submit an official score on the Graduate Record Exam (GRE). GRE scores must be submitted by December 1st of the application year and be no more than three years old.
- The College of Veterinary Medicine at Mississippi State University has much more information available on the web at: <http://www.cvm.msstate.edu>
- **IMPORTANT:** Application to health professional schools is very competitive. Completion of the minimum requirements will not ensure admission. Admission decisions are based on policies established by the professional school's faculty and admission committee. Successful applicants typically have GPAs and other qualifications well in excess of stated minimums. Talk to your advisor for more information on what is realistically needed to have a good chance of getting into your desired professional school.