

Veterinary Medicine

Health Professions Advisory Program



Academic Requirements for Doctoral Programs in Veterinary Medicine (D.V.M. or V.M.D.)

Required Courses These are the SSU courses most commonly used to satisfy the prerequisite requirements	Highly Recommended Courses These courses may also be required by some schools
<u>Biology</u> BIOL 130: Diversity of Life BIOL 131: Genetics, Evolution & Ecology BIOL 232: Molecular and Cellular Biology BIOL 349: Animal Physiology BIOL 342: Molecular Genetics <u>Chemistry</u> CHEM 115A & B: General Chemistry CHEM 335A & B: Organic Chemistry CHEM 336A: Organic Chemistry Lab <u>Physics</u> PHYS 210A & B: General Physics <u>Math</u> MATH 165: Statistics <u>English</u> ENGL 101: Expository Writing and Reading Additional units of English: 3 Units	BIOL 240: Medical Microbiology CHEM 336A: Organic Chemistry Lab CHEM 446: Metabolic Biochemistry PHYS 209A & B: General Physics Lab
	Other Suggested Courses These courses cover additional topics that are important in veterinary medicine
	BIOL 327: Vertebrate Biology BIOL 328: Vertebrate Evolutionary Morphology BIOL 344: Cell Biology BIOL 346: Neurobiology BIOL 472: Developmental Biology BIOL 480: Immunology

ADDITIONAL NOTES:

Students are strongly encouraged to take courses from the "Recommended" and "Suggested" list (right column). Please note that some of the courses listed above, especially 300 and 400 level science courses, may have other prerequisites.

Veterinary schools generally require applicants to have a significant amount of experience working with animals. While specific requirements vary, a common expectation is at least 250 -1,000 hours of experience in the veterinary field.

For information about the veterinary school application process, go to <http://www.aavmc.org>.

Veterinary schools no longer require the GRE (Graduate Record Exam) therefore no standardized exam is required.

For information about specific veterinary schools, visit: <https://applytovetschool.org>

For information about the SSU Health Professions Advisory Program, visit: <https://stb.sonoma.edu/hpap>

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