

**PRE- VETERINARY MEDICINE PROGRAM**

Pre veterinary medicine is not a major; it refers to a specific curriculum, or set of courses, required for admission to veterinary school. Although a bachelor's degree is not required for admission to the Doctor of Veterinary Medicine program at UM Twin Cities, approximately 70% of students entering the program each year have completed a bachelor's degree. Most pre-veterinary medicine students spread the required courses over three years. Students work with an academic advisor to determine the best sequence of courses.

TYPICAL PROGRAM OF STUDY			
FIRST YEAR			
FALL SEMESTER		SPRING SEMESTER	
Chem 1151 General Chemistry I	5 cr	Chem 1152 General Chemistry II	5 cr
Biol 1011 General Biology I	5 cr	General Biology II	5 cr
WRIT 1120 College Writing	<u>3 cr</u>	Pre Calculus or Math 1296 Calculus I ^	<u>4-5 cr</u>
	Total: 13 cr		Total: 15 cr
SECOND YEAR			
Biol 2201 Genetics	3 cr	Biol 2101 Cell Biology <sup>2</sup>	3 cr
Chem 2541 Organic Chemistry I	3 cr	Chem 2542 Organic Chemistry II	3 cr
Chem 2543 Organic Chemistry I Lab	1 cr	Chem 2544 Organic Chemistry II Lab	1 cr
Phys 1001 Introduction to Physics <sup>1</sup>	5 cr	Phys 1002 Introduction to Physics <sup>1</sup>	5 cr
Liberal education course <sup>3</sup>	<u>3 cr</u>	Liberal education course <sup>3</sup>	<u>3 cr</u>
	Total: 15 cr		Total: 15 cr
THIRD YEAR			
Biol 4501 Microbiology	4 cr	Chem 3322 Biochemistry	3 cr
WRIT 3150 Advanced Writing: Science	3 cr	Liberal education courses	6 cr
Liberal education course/science electives <sup>3</sup>	<u>8 cr</u>	Liberal education course/science electives <sup>3</sup>	<u>6 cr</u>
	Total: 15 cr		Total: 15 cr

^First math course is determined by math placement exam. This schedule presupposes placement into Math 1250 or Math 1296.

<sup>1</sup> Students may instead take Phys 2011 and 2012, which require the completion of Math 1296 and 1297, Calculus I and II.

<sup>2</sup> Prerequisite for Biol 4501 Microbiology.

<sup>3</sup> Courses in UMD Liberal Education categories 6-10 are required. These required courses must include at least 12 credits from History & Social Science and Arts & Humanities. Applicants should list no more than two courses from any one department. Applicants entering the D.V.M. program without a baccalaureate degree are required to list two courses from the history/social science area and two courses from the arts/humanities area. Recommended additional courses are economics, public speaking, statistics, computer science, anatomy, physiology, quantitative analysis (chemistry), nutrition, business management

For additional information:

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