

## Pre-Veterinary Medicine

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:

#### *Fall Semester*

##### **First Year**

Chem 1151 General Chemistry I	5 cr
Biol 1011 General Biology I	5 cr
Comp 1120 College Writing	<u>3 cr</u>
	13 cr

##### **Second Year**

Biol 2201 Genetics	3 cr
Chem 2521 Organic Chemistry I	4 cr
Phys 1001 Introduction to Physics I <sup>a</sup>	5 cr
Liberal education courses <sup>b</sup>	<u>3 cr</u>
	15 cr

##### **Third Year**

Biol 3703 Animal Physiology	3 cr
Biol 4501 Microbiology	4 cr
Comp 3150 Advanced Writing: Science	3 cr
Liberal education courses <sup>b</sup>	<u>6 cr</u>
	16 cr

#### *Spring Semester*

Chem 1152 General Chemistry II	5 cr
Biol 1012 General Biology II	5 cr
Math 1250 Precalculus	
<i>or</i> Math 1296 Calculus I*	<u>4-5 cr</u>
	14-15 cr

Biol 2101 Cell Biology <sup>c</sup>	3 cr
Biol 3701 Animal Diversity	4 cr
Chem 2522 Organic Chemistry II	4 cr
Phys 1002 Introduction to Physics II <sup>a</sup>	<u>5 cr</u>
	16 cr

Chem 3322 Biochemistry	3 cr
Liberal education courses <sup>b</sup>	6 cr
Science electives	<u>8 cr</u>
	17 cr

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

<sup>a</sup> Or Physics 2011 and 2012 which require completion of Math 1296-1297 Calculus I and II.

<sup>b</sup> Courses in liberal education categories 6-10 are required. These required courses must include 12 credits of history/social science and arts/humanities courses. 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.

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

For further information:

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