

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

Chem 2521 Organic Chemistry I	4 cr
Phys 1001 ^a Introduction to Physics I	5 cr
Liberal education courses ^b	<u>6 cr</u>
	15 cr

Third Year

Biol 2201 Genetics	3 cr
Biol 4501 Microbiology	4 cr
Comp 3150 Advanced Writing: Science	3 cr
Liberal education courses ^b	<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 or Math 1296 Calculus I	4-5 cr
	14-15 cr

Chem 2522 Organic Chemistry II	4 cr
Phys 1002 ^a Introduction to Physics II	5 cr
Biol 2101 Cell Biology ^c	3 cr
Liberal education course ^b	<u>3 cr</u>
	15 cr

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

^aOr Physics 2011 and 2012 which require completion of Math 1296-1297 Calculus I and II.

^bCourses 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), immunology, immunobiology, virology, embryology, nutrition, business management.

^cPrerequisite for Biol 4501 Microbiology.

For further information:

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