

Biology Major – Pre-Veterinarian School Pathway

First Year

Fall Semester

BIOL 141/141L	General Biology I (& Lab)	4.5 cr.
CHEM 112/112L	General & Analytical Chemistry I (& Lab)	4.5 cr.
WRTG 107	Composition	3 cr.
PHIL 120	Introduction to Philosophy	3 cr.
		15 cr.

Spring Semester

BIOL 142/142L	General Biology II (& Lab)	4.5 cr.
CHEM 113/113L	General & Analytical Chemistry II (& Lab)	4.5 cr.
HUMN	Humanities Course	3 cr.
FREE ELECT	FREE ELECT	3 cr.
		15 cr.

Second Year

Fall Semester

BIOL 245/245L ¹	General Physiology (& Lab)	4.5 cr.
CHEM 232/232L	Organic Chemistry I (& Lab)	4.5 cr.
MATH 114 ²	Calculus I	4 cr.
PHIL 210 ²	Ethics	3 cr.
		16 cr.

Spring Semester

BIOL XXX	Biology Elective ³	5 cr.
CHEM 233/233L	Organic Chemistry II (& Lab)	4.5 cr.
S/BH ²	Social Behavioral Elective	3 cr.
T/RS 121 ²	Theology I: Introduction to the Bible	3 cr.
		15.5 cr.

1 - Students pursuing veterinarian school should take a physiology course at some point during their undergraduate career. It does not necessarily need to be at this point. If BIOL 245 is not taken at this time, then another Biology Elective should be taken.

2 - Courses listed in Second Year could be taken *either* fall or spring semester, but it is strongly advised that they are taken during the Second Year.

3 – It is highly recommended that the student takes BIOL 250 & Lab [Microbiology] as many Veterinarian Schools may require this course.

Third Year

Fall Semester

BIOL 341/341L	Comparative Vertebrate Anatomy (& Lab)	5 cr.
PHYS 120/120L	General Physics I (& Lab)	4 cr.
T/RS 122	Theology II: Christian Theology	3 cr.
CHEM 350	General Biochemistry I	3 cr.
		15 cr.

Spring Semester

BIOL XXX	Biology Elective ⁴	5 cr.
PHYS 121/121L	General Physics II (& Lab)	4 cr.
HUMN	Humanities Course	3 cr.
S/BH	Social Behavior Elective	3 cr.
		15 cr.

4 - Taking a course that also has a lab component would be preferable as this would free up credits later in the student's pathway (possible recommendations include, but are not limited to: BIOL 255 [Animal Nutrition & Metabolism, BIOL 260 [Genetics], BIOL 352 & Lab [Histology], but may include many more). Students can take their Biology Electives at any time during their undergraduate. However, the student should make sure that they are meeting the requirements of the Biology Portfolio. Students should communicate with the faculty advisor and the Pre-Health Advisor regarding specific requirements of different veterinarian schools.

5 - Some students may choose to take CHEM 351 (General Biochemistry II) in order to fulfill the Biochemistry Minor. Note, this is not required by veterinarian schools. If a student wishes to take CHEM 351, then it may be taken in either the Third or Fourth year (please consult with Pre-Health Advisor, regarding specific requirements of different veterinarian schools).

Fourth Year

Fall Semester

BIOL 379	Biostatistics	3 cr.
BIOL XXX	Biology Elective ⁴	3 cr.
PHIL/T/RS	Philosophy or Theology/Religious Studies Elective	3 cr.
HUMN	Any Humanities Course	3 cr.
FREE ELECT	FREE ELECT	3 cr.
		15 cr.

Spring Semester

BIOL XXX	Biology Elective ⁴	1.5 cr.
HUMN	Any Humanities Course	3 cr.
FREE ELECT	FREE ELECT	9 cr.
		13.5 cr.