

Advising Course Plan - Biology Major - Veterinary School Interest

This plan indicates an effective way to earn a Bachelor of Science degree in Biology and to complete the prerequisites for most veterinary programs (although these can differ depending on the vet school).

First Year		
Fall		
BIOL 142P	Introductory Biology: Animal and Plant Physiology	1
FSEM 100	First Year Seminar	1
MATH 151 ¹	Mathematics for Life Sciences	1
BIOL 100	Current Perspectives Biology	0.0
General Education requirement		1
PRHP 101	Introduction to the Health Professions	0.0
Term Units		4
Spring		
BIOL 141P	Introductory Biology: Biochemistry, Cell Biology and Molecular Genetics	1
General Education requirement		1
General Education requirement		1
General Education requirement		1
Term Units		4
Second Year		
Fall		
BIOL 243Q	Biostatistics	1
CHEM 141P	General Chemistry I	1
PHYS 121P ²	College Physics I	1
Elective		1
Term Units		4
Spring		
BIOL 244	Introductory Biology III: Ecology and Evolution	1
CHEM 142P	General Chemistry II	1
PHYS 122P ²	College Physics II	1
Elective		1
Term Units		4
Third Year		
Fall		
BIOL 301	Microbiology	1
CHEM 201	Organic Chemistry I	1
Junior Seminar ³		1
Elective		1
Term Units		4
Spring		
BIOL 300 or 400 level course		1
CHEM 301	Organic Chemistry II	1
BIOL 497	Research Proposal	0.5
CHEM 204 ⁴	Biochemistry I	1
Elective ⁵		.5
PRHP 102	Applying to Health Professions	0.0
Term Units		4
Summer		

During the summer between third and fourth year, or early in fourth year, the GRE needs to be taken.

Term Units		0
Fourth Year		
Fall		
BIOL 300 or 400 level course		1
BIOL 498	Senior Project I	1
Elective		1
Elective		1
Term Units		4
Spring		
BIOL 300 or 400 level course		1
BIOL 499	Senior Project II	0.5 to 1
Elective		1
Elective		1
Term Units		3.5 to 4

Total Unit: 31.5 to 32

- ¹ Most veterinary programs require two semesters of Math, typically a statistics and a calculus course. BIOL 243Q may count as the statistics course but the veterinary programs should be consulted. The timing of the Math course is not critical; it can be taken at a later time. Some students may place into and wish to take MATH 130 or MATH 141Q.
- ² The Physics courses can be taken in the third year.
- ³ The Junior Seminar can be taken in the spring instead of the fall.
- ⁴ CHEM 204 can be taken in fourth year.
- ⁵ During the spring of the third or fourth year, you will need to take another 0.5 or 1 unit course to average 4 units per semester.