



PRE-VETERINARY MEDICINE RECOMMENDED COURSEWORK

Veterinary medicine schools do not require a specific undergraduate major for admission. However, they do require a strong foundation in the basic sciences. Each school determines its own prerequisite coursework, but based on best practices and available information, H3P (in collaboration with the Office of Academic Advising & Assistance) recommends pre-vet students complete the following courses:

Recommended Courses at Gonzaga	Credits
6 Semesters of Biology	
BIOL 105/L Info Flow in Biological Systems with lab	4
BIOL 106 Energy Flow in Biological Systems	3
BIOL 205/L Physiology & Biodiversity with lab	4
BIOL 207/L Genetics with lab	4
2 upper-division Biology courses – consider: BIOL 313, 331, 370/L, 371/L, or 374	6 to 8
5 Semesters of Chemistry	
CHEM 101/L General Chemistry with lab	4
CHEM 102/L General Chemistry II with lab	4
CHEM 230/L Organic Chemistry I with lab	4
CHEM 307/L Biochemistry I with lab (<i>previously listed as CHEM 245/L</i>)	4
1 Semester of Physics	
PHYS 111/L General Physics I with lab or PHYS 121 Physics I with lab	5
2 Semesters of Mathematics	
MATH 121 Statistics	3
MATH 100 College Algebra or MATH 147 Precalculus or higher	3
TOTAL	48 to 52

Instructions & Notes:

- Students should use this list of recommended coursework as a **guide**, and work with their advisor and/or [Academic Advising & Assistance](#) to develop an academic plan that aligns with individual needs and goals.
- Vet programs accept AP coursework on a case-by-case basis, but rarely for science pre-requisites.
- Veterinary schools may require or recommend additional coursework not listed here. Students are responsible for researching individual vet school admissions information to ensure fulfillment of coursework that makes for competitive candidacy at those schools.
 - Refer to the [Veterinary Medical School Admission Requirements](#) (VMSAR) and/or individual school websites.
- This information is accurate as of the date listed below, and courses are subject to change. Providing this information does not guarantee availability of or access to courses.

Students are ultimately responsible for confirming:

- Details about when courses are offered and any restrictions that may require course authorization for approval to register. This information can be researched in Zagweb, the course catalog, and/or by appointment with an academic advisor and may include:
 - Pre-requisites (course or minimum grade) that need to be completed prior to registering for a course
 - Co-requisite course (or other requirement) that a student must take at the same time
 - Restrictions (major, minor, or class year) that may prevent a student from registering for a course