

# PRE-VETERINARY PROGRAM

## Pre-Veterinary Program

Pre-Health Professions Programs (<https://catalog.washcoll.edu/catalog/professional-programs/>)

The Pre-Veterinary Program offers individualized advising for students interested in pursuing admission to schools of Veterinary Medicine following their graduation from Washington College. Although most Washington College students who plan to attend veterinary school major in Biology or another Natural Science, students may choose any major offered by the College. Pre-Veterinary students work closely with the Pre-Veterinary Program Advisor to best plan their coursework to complete the prerequisite courses for veterinary school while also completing the major(s) and minor(s) of their choice. Both the Pre-Veterinary Program Advisor and the Coordinator of Pre-Health Professions Programs offer guidance regarding the application process and seeking out experiential learning opportunities, which are strongly recommended and are a vital piece of successful admission.

Because some of the courses needed for admission to veterinary school have one or more prerequisites – and because students who want to attend veterinary school in the academic year after graduation from Washington College will normally need to complete the courses necessary for professional school admission by the end of the junior year – students should begin to map their future coursework during their first academic advising meeting. The timing of the chemistry courses is especially important.

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The courses required for veterinary school admission vary from school to school; the courses below are required for more than half of all veterinary schools:

Code	Title	Credits	Notes
BIO 111 & BIO 113	General Biology I with Lab and General Biology I Lab		_____
BIO 112 & BIO 114	General Biology II with Lab and General Biology II Lab		_____
CHE 120 & CHE 122	Chem Principles Org Molecules with Lab and Chemical Principals Orgnc Molecules Lab		_____
CHE 140 & CHE 142	Reactions of Organic Molecules with Lab and Reactions of Organic Molecules Lab <sup>4</sup>		_____
CHE 220 & CHE 222	Quantitative Chemical Analysis with Lab and Quantitative Chemical Analysis Lab		_____
CHE 240 & CHE 242	Chemistry of the Elements with Lab and Chemisty of the Elements Lab		_____
BIO 409/CHE 309	Biochemistry with Lab		_____
PHY 101 & PHY 102 or PHY 111 & PHY 112	College Physics I with Lab and College Physics II with Lab General Physics I with Lab and General Physics II with Lab		_____
Two Math courses - typically MAT 109 and MAT 111 <sup>1</sup>			_____
Two English courses - ENG 101 is recommended			_____
Social Science courses			_____
Humanities courses			_____
In addition, 35-45% of veterinary schools require:			
BIO 203	Microbiology with Lab		_____
BIO 209	Genetics with Lab		_____

<sup>1</sup> MAT 111 Differential Calculus can be substituted with *both* Stretch Differential Calculus I (MAT 106) and Stretch Differential Calculus II (MAT 107)