

Pre-Veterinary Student

Course Reference

Required Pre-Vet Course Work

All prerequisite courses must be taken for a grade (not Pass/No Pass). The courses required for admission to Oregon State University are listed below but apply to most vet schools nationwide. **Consult the web sites or catalogs of the schools to which you plan to apply to determine each school's specific requirements.**

Biology

Course Description		Hours	Semester
BIO 207/277	Introduction to Molecular and Cellular Biology	4 (w/lab)	
BIO 208/278	Introduction to Evolution and Ecology	4 (w/ lab)	
BIO 305	Human Anatomy and Physiology I	3	
BIO 306	Human Anatomy and Physiology II	3	
BIO 330	Human Genetics	3	

Additional Recommended Courses*:			
Course Description		Hours	Semester
BIO 400	Immunology	3	
BIO 354	Cell & Molecular Biology	3	
BIO 301/361	Microbiology with Lab	4	
	Any Animal Related BIO Courses	3 each	

Note: OSU requires at least 4 semesters of UD biology outside of General BIO, A&P, and Genetics

**Recommended courses are based on local program recommendations*

Chemistry

Course Description		Hours	Semester
CHM 207/277	General Chemistry I	4 (w/ lab)	
CHM 208/278	General Chemistry II	4 (w/ lab)	
CHM 325/375	Organic Chemistry I	4 (w/ lab)	
CHM 326/376	Organic Chemistry II	4 (w/ lab)	
CHM 453	Biochemistry I	3	
CHM 454	Biochemistry II	3	

Physics

Course Description		Hours	Semester
PHY 201/271	College Physics and Lab (Fall Semester Only)	4 (w/ lab)	
PHY 202/272	College Physics and Lab (Spring Semester Only)	4 (w/ lab)	
OR			
PHY 204/274	General Physics and Lab	4 (w/ labs)	
PHY 205/275	General Physics and Lab	4 (w/ labs)	

Note: College PHY is recommended unless General PHY is required for your major

Mathematics

Course Description		Hours	Semester
MTH 201	Calculus I (BIO Focused Sections Spring Only)	4	
MTH 161	Elementary Statistics	3	

English

Course Description		Hours	Semester
ENG 112	Thinking Through Literature	3	
ENG 107 or 311	College Writing or Advanced Writing	3	

Note: Some vet schools require one year English, including at least one course in composition.

Additional Information

The AAVMC has numerous internet resources available on their website for pre-vet students. Most veterinary schools require a GRE score for application. More information on the GRE can be found through the ETS website. Information may also be obtained from the Pre-Health Professions Advisor.

In selecting schools to which to apply, pay particular attention to non-resident acceptance rates, total number of applicants, average GPA/GRE of admitted applicants, additional pre-vet requirements, special programs or curricula, tuition cost, and location.

Pre-Health Professions Advising Office
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