

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	Anatomy and Physiology I	3	
BIO 306	Anatomy and Physiology II	3	
BIO 330	Human Genetics	3	

Additional Recommended Courses*:			
Course Description		Hours	Semester
BIO 391	Immunology	3	
BIO 354	Cell & Molecular Biology	3	
BIO 301	Microbiology	3	
BIO 342	Neurobiology	3	

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 and the MSAR*

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	

** OSU requires Biochemistry and they prefer to see a whole year on your transcript*

Physics

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

Mathematics

Course Description		Hours	Semester
MTH 201	Calculus I	4	
MTH 161	Elementary Statistics	3	

English

Course Description		Hours	Semester
ENG 112	Introduction to 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.

OSU General Education Requirements:

OSU considers your general education requirements fulfilled if you complete a bachelor's degree or plan to complete a bachelor's degree by July 1 of the year in which you would be starting the veterinary program. If you do not plan to complete a bachelor's degree prior to entering the veterinary program at OSU you are also required to have 4 semester credits of English writing, 2 semester credits of public speaking, and 8 semester credits of humanities and/or social science courses.

If you are considering other veterinary schools, make sure to check their websites for specific information on how to fulfill their general education requirements.

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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