

# 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 additional semesters of UD biology including Genetics*

### *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	

*\*Note: 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)	
<b>OR</b>			
PHY 204/274	General Physics and Lab	4 (w/ labs)	
PHY 205/275	General Physics and Lab	4 (w/ labs)	

*Note: Physics majors will take sequence of Physics required for their major instead of courses listed above*

### **Mathematics**

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

*Note: Some vet schools list Math as a requirement for admission. OSU requires one semester of algebra and trig or higher such as Calculus as well as Statistics.*

### **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**  
**Email: [healthprofessions@up.edu](mailto:healthprofessions@up.edu)**

