

Lower Division Department Requirements for the Veterinary Medicine Program:

Note: Taking more advanced science sequences to satisfy the requirements will be viewed favorably.

OSU Courses	Minimum Qtr. Credits	PCC Course Equivalent	Qtr. Credits
General Biology w/lab for science majors BI 211, 212, & 213	12	BI 211, 212, & 213 Principles of Biology <i>Note: All three courses must be completed for the sequence to transfer as BI 211, 212, 213 to OSU.</i>	15
General Chemistry w/lab for science majors CH 121, 122, 123 or CH 221, 222, 223	15	CH 221, 222, & 223 General Chemistry	15
Organic Chemistry w/lab for science majors CH 331 and 332	8	CH 241, 242, & 243 Organic Chemistry <i>see organic chemistry information below</i>	15
Physics w/lab for science majors – 3 quarters, PH 201, 202, & 203	12	PHY 201, 202, & 203 General Physics	12
One course in Statistics, ST 201 & 202 or ST 351	4	MTH 243 Statistics I	4
Mathematics – college level algebra and trigonometry	4	MTH 111 College Algebra <i>and</i> MTH 112 Elementary Functions	10
1 course in Animal or Human Physiology, ANS 314 or Z 331, or Z 430 or Z 431	3	BI 231 Human Physiology <i>or</i> take at OSU	4
ANS 311 Animal Nutrition	3	May be taken on-line through OSU	-
Upper Division Biochemistry - 2 quarters, BB 450 and 451	varies	These are 300-400 level courses. Take at OSU or other 4-year institution	-
Upper Division Biological Sciences - choose from: additional biochemistry, additional physiology and/or anatomy, animal reproduction, cell biology, cell physiology, epidemiology, histology, immunology, microbiology, parasitology, and virology	6	These are 300-400 level courses. Take at OSU or other 4-year institution	-
Genetics – ANS 378 or BI 311	4	Take at OSU or other 4-year institution	-
**General Education/Electives: English Composition, two terms Public Speaking Humanities/Social Sciences	6 3 12	**General Education/Electives WR 121 and 227 English Comp & Tech. Writing SP 111 Public Speaking Select from lists of PCC departments	6-8 4 12

** These requirements will be considered met if the applicant has a bachelor's degree by July 1st of the year that they are accepted into the DVM program.

Organic Chemistry - *These courses (only as a complete sequence and with C or better in all courses) may be used to fulfill the organic chemistry requirement at OSU. The CC organic chemistry courses are transferred as lower division (LD) credit. If a student takes a complete year of organic chemistry with laboratory each term (CH 241, 242, 243) and transfers to OSU, the student normally receives lower division credit. The course work may appear on the transcript as various combinations of CH 331, CH 332, CH 337, and unspecified LDT credit (lower division transfer). A student can receive upper division credit (300 level) if they pass the ACS organic exam.*

For Fall admission, all application materials must be received by early October.

Students may apply at the beginning of their senior year. The 3-4 terms of course work taken at the university level should show academic rigor and result in at least a 3.6 GPA.

Additional Information:

This is a **Graduate** degree program. Students do not need to complete a bachelor's degree program prior to beginning the Veterinary Medicine program. Most students pursue a major in biology or another science field. **All prerequisites must be taken for a letter grade.** Students must complete prerequisite courses by July 1 of the year in which they are accepted into the program.

In addition to the prerequisite courses, applicants are encouraged to take elective courses to better prepare them for the veterinary curriculum and profession. Suggested elective courses include: animal science courses, business related courses, computer science, embryology and microbiology.

Advanced Placement (AP) and College Level Examination Program (CLEP) exam credits for lower division prerequisite courses are accepted.

College of Veterinary Medicine

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OSU's College of Veterinary Medicine professional curriculum is a four year sequence of courses completed at Oregon State University. Pre-professional (pre-veterinary) training must be taken at colleges such as Oregon State University, Portland State University, University of Oregon, etc. or institutions having equivalent courses. Students may attend community colleges for one to two years, but will need to transfer to a four-year institution to complete the upper division course requirements. OSU's College of Veterinary Medicine is fully accredited by the Council on Education of the American Veterinary Medical Association.

Student Selection Criteria

1) Likelihood of successful completion of the veterinary curriculum

- GPA: Applicants are evaluated on the overall success of their undergraduate program. A minimum GPA is not required, yet students with a GPA below 3.20 are rarely admitted to the program. The average GPA of admitted students is approximately 3.60. Performance in science and [prerequisite courses](#) is carefully reviewed.
- Quantity and quality of upper division science courses and student's performance in these courses.
- Academic credit load: Students who have taken heavy course loads (i.e., 15 or more credits per term) and performed well are likely to be better prepared for the veterinary curriculum, which averages 17-21 credits per term.
- GRE scores: Test scores from the [Graduate Record Examination \(GRE\)](#) are used in the assessment of an applicant's academic potential.
- Work and/or family demands during school
- Obstacles overcome: Special circumstances, disadvantages, and adverse situations that an applicant has overcome during his/her lifetime are considered. If an applicant adequately demonstrates that these obstacles, including undiagnosed learning disabilities, have been overcome, the influence on his/her past poor academic performance may be minimized.

2) Possession of qualities deemed valuable in a veterinarian

The Admissions Committee strives to select candidates who are likely to have these qualities upon graduation.

Interpersonal skills, Communication skills, Integrity, Maturity, Motivation, Civic and community-mindedness, Diversity of interests and activities, Leadership in student and/or community organizations, Scientific inquisitiveness and analytical skills

The [VMCAS](#) and supplemental applications are evaluated. Personal essays and [letters of recommendation](#) are reviewed to assess social skills, leadership skills, responsibility, and communication skills. These attributes are also evaluated during the [interview](#) (for Oregon residents only). The Admissions Committee reserves the right to view and consider any publicly available information including, but not limited to, social networking sites such as Facebook and MySpace.

3) Knowledge of the veterinary profession

Applicants should have exposure to and an understanding of the veterinary profession. The following areas are assessed:

Veterinary experience (volunteer or paid positions): Veterinary experience may include working or volunteering in a research laboratory, clinical practice, animal shelter, zoo, animal rehabilitation facility or public health, regulatory, or industrial setting. The quantity, quality and diversity of the experiences are important. Other animal-related experiences are also evaluated, including raising and caring for different species of animals. The applicant's potential to contribute in a unique or diverse fashion to the profession is also considered.

4) Contribution to cultural, geographic, professional, and economic diversity of the student body and the profession

Applicants from diverse backgrounds bring unique perspectives and enrich the veterinary educational experience as well as the profession. Each applicant is evaluated in terms of his/her stated background and professional goals as well as the current and projected future needs of the veterinary profession.

PCC DEGREE/TRANSFER INFORMATION:

Please meet with an Academic Advisor for additional BA/BS and general education requirements

PCC endeavors to create accurate transfer guides for students; however, requirements may change without notice. Students are responsible for working with PCC advisors and their transfer institution to ensure that their academic plan will meet requirements and timelines.