University of Colorado Colorado Springs

# Pre-Veterinary Medicine

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| PRE-VETERINARY MEDICINE | | | |
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| **Pre-Veterinary Medicine** Prep is a listing of requisite courses and recommendations needed to be eligible for admission into CSU College of Veterinary Medicine & Biological Sciences. It is **not** a major or minor. Other schools may have different requirements so students should check admissions requirements for all schools to which they plan on applying. *Many courses have prerequisites that fall outside of this list; be sure to check the catalog for course details.* | **A minimum of 60 semester hours should be completed to include the following pre-requisites:** | | |
| | BIOL 1300/1310 | General Biology: Organismic Biology and Lab | 4 |
| | BIOL 1350/1360 | General Biology: Introduction to the Cell and Lab | 4 |
| | BIOL 3830 * | Genetics | 3 |
| | CHEM 1401/1402 | General Chemistry I and Lab | 5 |
| | CHEM 1411/1412 | General Chemistry II and Lab | 5 |
| | CHEM 4211 or 4221 * | Biochemistry | 3 |
| | PES 1010/1050 | Physics for Life Sciences | 5 |
| | MATH 3100 **OR** BIOL 3000 | Stats for Sciences/Biostatistics | 3 |
| | ENGL 1310 | Rhetoric & Writing I | 3 |
| | | Humanities & Social Science Courses | 12 |
| | **Recommended but Not Required** | | |
| | BIOL 2010 & 2020 **OR** BIOL 4350*/BIOL 4360* | Anatomy & Physiology I & II<br>Human Anatomy/Human Physiology | 8<br>4/4 |
| **NOTE:** Completion of pre-requisite coursework does not guarantee acceptance into any professional degree. | BIOL 2030/2130 | Microbiology/Lab | 4 |
| | BIOL 2050 | Nutrition for Health Sciences | 3 |
| | BIOL 3610 | Developmental Biology | 3 |
| | | Courses in Computer Science | |
| | *Must be taken within ten years prior to admission. | | |

Pre-professional options offered at UCCS prepare students for candidacy into professional programs offered at other facilities. Completion of pre-requisite coursework does not guarantee acceptance into any professional program. Course requirements are for the DVM program offered by Colorado State University in Fort Collins, Colorado. Other schools may have slightly different requirements. Students should contact each school of interest for appropriate pre-requisite coursework. Exceptionally well-prepared, highly motivated students may be able to complete all of the pre-requisites within two years, although most successful applicants have completed four years of college. Students in the pre-veterinary medicine program are advised to major in biology through the College of Letters, Arts and Sciences.

Applications will be available through the Veterinary Medical College Application Service (VMCAS) beginning May 31 of the year prior to the year you wish to begin. Students should fill out the application and submit Graduate Record Exam (GRE) scores before October 3. A Supplemental PVM application (available mid-July) to the College of Veterinary Medicine and Biomedical Sciences is also required and should be filled out before October 3. ONLINE submission of BOTH applications is REQUIRED.

**Additional Resources for Pre-Veterinary Students:**

- Join UCCS's Pre-Health Society, an organization to collaborate and bring together students interested in pursuing careers in health care, by visiting orgsync.com/72377/chapter
- The American Veterinary Medical Foundation has many in depth resources available to prospective students: www.avma.org
- For more information about CSU's College of Veterinary Medicine and Biological Science, requirements for admissions, and contact information, please visit: csu-cvmbs.colostate.edu/dvm-program/Pages/default.aspx