



# VETERINARY MEDICINE

## Transfer Requirements

The following requirements for the major are subject to change without notice. To assure accuracy of the information on this sheet, you should consult with a counselor, the articulation officer, or review articulation agreements via the internet at [www.assist.org](http://www.assist.org)

Veterinary medicine uses problem-solving skills and in-depth knowledge to diagnose, treat and prevent animal diseases. It is the broadest and most comprehensive of all the health professions. The profession is concerned with enhancing the health, welfare, and productivity of animals and assuring the safety of animal products used by people. Veterinarians are highly trained medical professionals who provide for the health needs of all kinds of animals while maintaining sensitivity to human health and well-being. Most veterinarians in the United States are engaged in private practice. Other veterinarians work in a wide range of fields relating to public health, animal disease control, environmental protection, the biotechnology industry, higher education and research.

Academic preparation for veterinary school takes place at the undergraduate level through a comprehensive educational experience with special emphasis in the sciences. In order to succeed academically, in the rigorous veterinary school curriculum, veterinary schools are looking for individuals with a highly developed science background. Since Pre-Veterinary is not a major, it is important to meet with a counselor during your first semester at El Camino College to help with the selection of classes.

### Admission Factors:

1. Academic preparation and grade point average is critical for admission. Cumulative GPA, strong grades in science courses, and GPA in the last two years of undergraduate study are critical in the selection process.
2. Many, but not all veterinary schools require a bachelor's degree. In some instances, a bachelor's degree may make an applicant more competitive in the admission process.
3. Score on a standardized graduate admissions test (e.g. GRE, MCAT, and VCAT). Check with the individual program for the specific test required.
4. Strong letters of recommendation-- Most schools require a minimum of three letters of recommendation. Some schools require one letter from a Doctor of Veterinary Medicine.
5. Undergraduate course of study-- Veterinary schools are looking for both lower and upper division preparation.
6. Applicant's personal statement or narrative.
7. Extracurricular activities, work experience, community activities, motivation, individual character, personality, and other post-undergraduate experiences.
8. Animal related activities and/or animal related work experience-- Most colleges are looking for a strong commitment to working with animals. Some require employment by a Veterinarian.
9. Personal interview.
10. Tuition ranges from \$20,000-\$40,000 per year.
11. Many veterinary schools require that you apply through the Veterinary Medical Colleges Application Service (VCMAS) at [www.aavmc.org](http://www.aavmc.org) . Contact veterinary school for additional requirements.

## DOCTOR OF VETERINARY MEDICINE SCHOOL REQUIREMENTS

### UNIVERSITY OF CALIFORNIA, DAVIS (ws 01/15/10)

#### **School of Veterinary Medicine**

Students are admitted to the School of Veterinary Medicine in the fall only. Applications are available any time after July. The deadline for filing applications for admission to enter fall quarter to the School of Veterinary Medicine is October 1. Visit the website [www.vetmed.ucdavis.edu](http://www.vetmed.ucdavis.edu) for additional information about the application process.

**Required Courses:** Chemistry 1A-1B; 7A-7B; Physics 2A-2B or 3A-3B; Biology 101-102

#### **Additional Requirements:**

- **Social Sciences/ Humanities** (8 semester units/ 12 quarter units) Examples: history, sociology, languages, music, art, psychology, ethnic studies, anthropology
- **English** (8 semester units/ 12 quarter units) One course must be in English composition. The English composition requirement could be met by English Advanced Placement Exams. Other courses may include composition, English, rhetoric, speech, or literature. These courses may be lower or upper division. \*Subject A may not be used to satisfy this requirement.
- **Statistics:** elementary statistics. Upper division required courses: genetics, biochemistry, embryology, and systemic physiology.
- **Veterinary/Animal Experience:** A minimum of 180 hours of experience at the time of application must be met in order to have an application evaluated

### WESTERN UNIVERSITY OF HEALTH SCIENCES (ws 2009)

All applicants must have a minimum 2.50 overall GPA in all undergraduate work at the time of application. All coursework must be completed at a regionally accredited university or college in the U.S. or Canada. Applicants are not required to have a bachelor's degree. However, earning a degree strengthens the application. Students must take either the MCAT or GRE and must be completed within 5 years of anticipated matriculation.

**Required courses:** English 1A and 1B or 1C; Chemistry 7A and 7B; Physics 2A and 2B; Microbiology 33; Math 150 or Psychology 9A or Sociology 109; one upper division biological science course (i.e. zoology, anatomy, cell biology physiology, or botany); Speech 1 or 4; Psychology 5 or Sociology 101.

Animal related experience must total at least 500 hours of hands-on experience that goes beyond observation. Supervisors should be able to assess the applicant's interest in animal well-being, work habits and personal integrity. Experience could include but is not limited to: veterinary practices, animal medical environment, commercial animal production operations, regulatory animal control and humane shelters, animal entertainment (zoos etc...), and animal research institutes.

**BACHELOR DEGREE PROGRAMS THAT PREPARE STUDENTS FOR ADMISSION TO SCHOOLS OF  
VETERINARY MEDICINE, TECHNICAL FIELDS, GRADUATE STUDY, AND MANAGEMENT IN ANIMAL  
AGRIBUSINESS AND EQUINE INDUSTRY**

**UNIVERSITY OF CALIFORNIA, DAVIS**

**B.S. Animal Science; B.S. Animal Science and Management; B. S. Animal Biology**

Transfer students are strongly advised to complete as many preparatory courses as possible for their major before enrolling at UC Davis. It is highly recommended that students complete chemistry courses before transferring.

**Required Courses:** Biology 101 and 102; Chemistry 1A and 1B; 7A and 7B; Math 190 and 191 or 160 and 161.

**Additional Requirements:** Transfer students may satisfy the English composition requirement by completing English 1A and 1B

**Animal Science and Management option:** add Economics 1 and 2; Business 1A and 1B; (Chemistry 7A-7B is not required by this major)

**Animal Biology option:** add Physics 2A-2B or 3A-3B (complete entire series); Math 150

**CAL POLY POMONA** (2009-2010)

**B.S. Animal Science** with options in pre-veterinary science/graduate school, animal industries/business management, equine sciences and animal health science.

**Pre-veterinary Science/Graduate School option:** meets requirements for admission to schools of veterinary medicine, related medical technical fields, and for graduate study in animal nutrition, meat science, animal breeding, and animal physiology. **Required courses:** Chemistry 1A and 1B; Math 180; Physics 2A and 2B or 3A and 3B; Biology 11, 101; Microbiology 33; CIS 13

**Animal Industries/Business Management option:** stresses preparation for management positions in the production and marketing of animal agribusiness products. Particular emphasis is given to animal industries needing animal specialties as part of their management and marketing team. This option is also useful for students planning to teach agriculture at the secondary level. **Required courses:** Business 1A; Math 150 and 130 or 180; Biology 101; CIS 13; Chemistry 1A-1B

**Animal Health Science option:** prepares graduates to become veterinary technologists in an AVMA accredited program. Graduates are eligible to sit for state and national animal health accreditation agencies and licensing agency exams. Graduates with this option can pursue careers as veterinary assistants in public and private facilities. **Required courses:** Biology 101; Chemistry 1A-1B; Chemistry 21A-21B; Math 150 and Math 130 or 180; Microbiology 33; CIS 13

**Additional Web Site References**

Association of American Veterinary Medical Colleges [www.aavmc.org](http://www.aavmc.org)

**\*Note:** This information is subject to change and is to be used as a guideline. It is the student's responsibility to contact the individual school for exact admissions requirements.