

Veterinary Medicine

Advising Sheet

Veterinary medicine may include a broad range of study regarding the health and welfare of animals of all kinds. A veterinarian works in the healthcare of pets, livestock, zoo, sporting, and lab animals. Research is also a key aspect of veterinary medicine, and often focuses on animal diseases and the interactions between humans and animals. Most veterinarians work in private practice, and treat smaller animals or livestock.

Four years of academic study are needed in order to receive a degree in veterinary medicine, with three years dedicated to the sciences and one year of clinical work. Students can also choose to specialize in a certain area of animal healthcare, such as in livestock, pets, or wildlife. Internships and residencies are optional for this medical degree. In order to receive a degree, the state licensure examination for veterinary medicine must be passed. Veterinary school usually last four years, some veterinary schools also offer joint degrees in DVM/PhD, DMV/MPH, or DVM/MBA.

Common Pre-Vet Prerequisite Courses

Biology	One Year of Coursework with Lab (dependent on your major)	BIOL 151 & BIOL 152
Chemistry	One Year of Coursework with Lab	CHEM 120A & CHEM 120B
Organic Chemistry	One Year of Coursework with Lab	CHEM 301A & CHEM 301B (LAB: 302)
Physics	One Year of Coursework with lab Please note: Undergraduate major may determine physics requirement	PHYS 211 (LAB : 211L) & PHYS 212 (LAB: 212L)
Mathematics	At least one semester of Math is generally required. Some schools require calculus, while others require statistics. Please refer to individual school requirements.	#1) MATH 150A & MATH 150B (Calculus 1 & 2) #2) MATH 130 & MATH 338 (short course Calc & Stats) **for stats: OR stats courses offered by your department for your major
Cell Biology, Physiology, or Microbiology	Basic or advanced level sciences courses are desirable. Performing well in upper division sciences further demonstrates your ability to handle the rigorous science-based coursework.	Cell Bio: BIOL 303 Physio: BIOL 310 (LAB: 310L) Microbio: BIOL 302
Genetics	One semester is required by some schools	BIOL 273
Biochemistry	At least one semester is generally required.	Biology majors: CHEM 421 (LAB: CHEM 422) Biochem majors: CHEM 423A & CHEM 423B (LAB: 422)
English	One year is required for most vet schools in the country. Please note: this can be integrated in upper-division science courses that fulfill writing requirements for major.	ENGL 101 & ENGL 301
Humanities/Social Sciences	May be met by selecting courses in a variety of areas such as psychology, sociology, languages, music, art, etc.	PSYC 101 SOCI 101
Animal Physiology/ Nutrition/ Science	One or all courses are generally recommended yet required by other schools.	Mammalian Physio: BIOL 362
Public Speaking/ Communication	One semester is generally recommended yet required by other schools.	HCOM 100/102

Application Timeline

Prior to Applying:

- Visit the Health Professions Advising Office on campus to learn about Intent to Apply process.
- Plan to take the GRE exam if not already taken. Ideal to take the GRE no later than June of year of application
- Contact individuals to write your letters of evaluation / recommendation which will be sent to the veterinary schools
- Begin drafting your personal statement
- Research programs and create list of schools
- Order and collect official transcripts from ALL colleges and universities that you have attended.

Application Cycle:

- Take GRE if still needed
- Submit application as soon as possible for processing by the application services. We recommend submission no later than the end of June
- Work with HPAO if help is needed with application process and to have your Chair letter uploaded
- Remember that secondaries will be sent out for most schools and should be completed in a timely manner.
- Contact the CSUF Career Center or the HPAO to set up a mock interview for practice.

Intent to Apply

The HPAO at CSUF offers this service to all Veterinary applicants each cycle. This service helps the student obtain a Chair/Committee letter from the Health Professions Committee on campus and proof reads all letters of recommendation before writers upload to professional Veterinary schools. The HPAO will also assist you in filling out your application. The Intent to Apply cycle always starts in February. Please contact the HPAO for more information.

Resources:

On Campus: Pre-Veterinary Club, SHPA, LMSA, AMSA
CSUF Career Center- <http://www.fullerton.edu/career/>
Off Campus: Association of American Veterinary Medical Colleges- <http://www.aavmc.org/>
American Veterinary Medical Association- <https://www.avma.org/Pages/home.aspx>
Veterinary Medical College Application Service- <https://vmcas.liaisoncas.com/applicant-ux/#/login>
Graduate Record Examination (GRE)- <http://www.ets.org/gre/>
Medical College Admissions Test (MCAT)- <https://students-residents.aamc.org/applying-medical-school/taking-mcat-exam/register-mcat-exam/>
Veterinary Medical School Admission Requirements (VMSAR)- <http://www.aavmc.org/publications/vmsar.aspx>



Your best resource on campus!

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