

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

Course	CSUF Course	Notes
Biology	BIOL 151^ & BIOL 152^	^Both courses meet GE biological sciences requirements
Chemistry	CHEM 120 A*^ & CHEM 120B	* Must take CHEM 115 or pass Chem placements exam ^ Meets GE physical science requirements
Organic Chemistry	CHEM 301A + 306A^ (lab), 301B	^CHEM 301A and 306A must be taken together
Biochemistry	CHEM 421 OR 423A	Labs are not typically required. If required CHEM 422 meets lab requirements
Physics	PHYS 211* + 211L^, 212 + 212L^	*MATH 130 prerequisite ^Physics labs must be taken with respective lecture
Mathematics	Calculus: MATH 130 OR 150A Statistics*: MATH 120 OR 338	Most major specific statistics courses will meet this requirement (ie. PUBH 349, KNES 349, SOCI 303, etc.)
English	ENGL 101 AND 301	Included in GE and graduation requirements
Humanities/Social Sciences	PSYC 101 AND SOCI 101	Meets social science GE units

Suggested Coursework

Genetics	BIOL 251	Required by some programs but not all
Microbiology	BIOL 302 AND 302L	Required by some programs but not all
Anatomy	BIOL 361* OR BIOL 191A**^ AND 191B	Required by some programs but not all *BIOL 361 prerequisites: CHEM 120B, BIOL 251 **BIOL 191A prerequisites: 3.0 GPA, 30 units ^BIOL 191A and 191B are the same as KNES 191A and 191B
Physiology	BIOL 362* OR BIOL 310** and 310L ORBIOL 191A***^ AND 191B	Required by some programs but not all *BIOL 362 prerequisites: CHEM 120B, BIOL 251 **BIOL 310 prerequisites: BIOL 151 or 152; must be taken with 310L ***BIOL 191A prerequisites: 3.0 GPA, 30 units ^BIOL 191A and 191B are the same as KNES 191A and 191B
Public Speaking	HCOM 100 OR 102	3 units required by some programs, but not all

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.



Your best resource on campus!

California State University, Fullerton
Health Professions Advising Office
Pollack Library – PLN1
800 N. State College Blvd., Fullerton, CA

T:657-278-3980
F:657-278-5888

Email:
hpadvising@fullerton.edu

Website:
<http://www.fullerton.edu/healthprofessions/>

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 opens November prior to your Veterinary application cycle. Please contact the HPAO for more information.

Resources:

On Campus: Pre-Veterinary Club, SHPA, LMSA,
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/>
Veterinary Medical School Admission Requirements (VMSAR)-
<http://www.aavmc.org/publications/vmsar.aspx>

