



Pre-Veterinary Advising Sheet

A veterinarian is a person who practices medical and surgical treatment of animals, especially domesticated animals. A degree in veterinary medicine (D.V.M or V.M.D) is awarded after four years of academic study of which the first three years are dedicated to the sciences and one year to clinical work. Students also specialize in different animals they want to treat such as exotic animals, wildlife, small pets, livestock, large animals, and others. May students during the third year, consider further education through internships as a lead-in to a residency program. Internships and residencies are optional and not required to become a licensed veterinarian. To practice, one must also complete and pass a state license examination. In addition, some schools offer joint degrees: DVM/PhD, DVN/MPH, or DVM/MBA

Common Pre-Veterinary Prerequisite Courses			
Biology	One year of general biology w/lab	BIO 1210/L, BIO 1220/L	
Genetics	One semester is strongly recommended	BIO 2400	
Chemistry	One year of general inorganic chemistry w/lab	CHM 1210/L, CHM 1220/L	
Microbiology, Cell Biology, or Physiology	One semester is strongly recommended, yet required by other Vet schools	BIO 2060, BIO 3220, BIO 2350	
Organic Chemistry	One year of organic chemistry w/lab	CHM 3140/L, CHM 3150/L	
Biochemistry	One semester is required	CHM 3270/L	
Physics	One year of general physics w/lab	PHY 1210/L, PHY 1220/L OR PHY 1510/L, PHY 1520/L	
Mathematics	Some will accept one semester of calculus while others require statistics as well	MAT 1200 OR MAT 1140	STA 1200 OR STA 1300
English	One year is required for most pharmacy schools	ENG 1103, ENG 2105	

Additionally Recommended Courses		
Animal Physiology	Recommended by some Vet schools, but not most	AVS 3350/L, BIO 4460
Nutrition/Science	Recommended by some Vet schools, but not most	AVS 2101/L
Humanities and Social Sciences	Many schools require at least one course in Psychology or Sociology	PSY 2201 SOC2201
Public Speaking/Communication	One semester is recommended	COM 1101/2201

Resources

- Association of American Veterinary Medical Colleges: <http://www.aavmc.org/>
- American Veterinary Medical Association: <https://www.avma.org>
- Veterinary Medical School Admission Requirements (VMSAR): <https://applytovetschool.org/>
- Veterinary Medical College Application Service: <https://www.aavmc.org/becoming-a-veterinarian/how-to-apply/>
- Graduate Record Examination (GRE): <http://www.ets.org/gre/>