

PRE-VETERINARY MEDICINE PROGRAM for B.S. Degree in Biology

Pre-professional requirements for admission to Kansas State University College of Veterinary Medicine (<http://www.vet.ksu.edu/>):

- Biology 60, 170, 244, 269, 281 w/ 282
- Chemistry 51, 120, 121, 122
- Physics 101, 102 (or 111, 112)
- English 1 and 2
- Communication 1
- Social sciences and/or humanities 12 hrs

Pre-professional course and the last 45 semester hours of undergraduate work GPA of 2.8 is required.

The General Test of the Graduate Record Examination is also required.

Strongly recommended: Bio 246, 262; Courses in Animal Science/Production/Nutrition & animal exposure and work experience with a veterinarian.

SUGGESTED SCHEDULE

FIRST YEAR

Fall	Spring
Bio 50 Biology of Plants or4 hrs	Bio 50 Biology of Plants or4 hrs
Bio 60 Biology of Animals	Bio 60 Biology of Animals
Chem 51 Prin. of Chem4 hrs	Chem 120 Organic & BioChem.....4 hrs
Eng 1 or Comm 13 hrs	Eng 1 or Comm 13 hrs
IDS 001 Liberal Arts Seminar <u>3 hrs</u>	Area Req. or Math 60 or 105 <u>4 hrs</u>
14 hrs	15 hrs

SECOND YEAR

Bio 160 Cell Biology4 hrs	Bio 170 Genetics4 hrs
Chem 121 Organic Chem.....4 hrs	Chem 122 Inorg. & Anal. Chem.....4 hrs
Area Req. <u>8-10 hrs</u>	Area Req. and/or Math 60 or 105 <u>8 hrs</u>
16-18 hrs	16 hrs

THIRD YEAR

Bio 269 Microbiology and/or	Biology Elective.....4 hrs
Bio 244 Embryology 4-8 hrs	Physics 102 or 1124 hrs
and/or	Bio 291 Directed Readings 1 hr
Bio 281/282 or Chem 255/258 Biochem	Area Req. <u>9 hrs</u>
Physics 101 or 1114 hrs	17 hrs
Area Req. <u>6-8</u>	
16-18 hrs	

FOURTH YEAR

Bio 269 Microbiology and/or	Biology Elective.....6 hrs
Bio 244 Embryology 4-8 hrs	Electives7 hrs
and/or	Area Req.3 hrs
Bio 281/282 or Chem 255/258 Biochem	
Bio 298 or Bio 299 1-2 hrs	Bio 299 <u>1 hr</u>
Electives 4-8 hrs	16 hrs
Area Req. <u>3 hrs</u>	
15 hrs	