

# PRE-VETERINARY

## COLLEGE OF HEALTH AND HUMAN SCIENCES

### PRE-HEALTH AT K-STATE

At K-State, we do not have “pre-health” majors. Students interested in a health career will select one of the 250 majors offered at K-State and then declare their pre-health designation. As a pre-health student, you are paired with both an academic advisor, who makes sure you are completing classes to earn your degree, and a dedicated health professions advisor, who makes sure you are meeting the requirements of your professional school as well as helping you through the application process.

One of the great things about K-State not having a “pre-health” major is that students are able to select a major that is of both interest to them but will also provide them a great educational base to build on once they enter their professional school. While veterinary schools have no preferred major required for admission, there are majors whose coursework aligns best to fulfill the prerequisites required for admission to veterinary school.

**Common majors: nutritional sciences, kinesiology, integrative physiology**



**Personalized health  
career advising**



**Hands-on career  
preparation**



**Dedicated student  
organizations**



**Above average  
placement**

### **PRE-HEALTH ADVISING**

Pre-Health students have at least two advisors, an academic advisor; sometimes called a major advisor, and a pre-professional advisor; sometimes called a health professions advisor.

Major advisors help students understand what they must do to complete the requirements of their major (degree). Health professions advisors help students understand what they must do to become competitive applicants to health professional schools and programs.

### **START YOUR APPLICATION PROCESS NOW**

Pre-Health students begin their application to professional school the first day they step onto their college campus. Becoming a competitive applicant to any health professional school is a process that builds over time. Here are some ways to get a head start while in high school:

1. Take the highest-level courses available to you, particularly in math and science.
2. Study to learn, not to memorize; work to develop critical thinking skills and effective study habits.
3. Learn about your desired health care career through shadowing, serving as a CNA or researching the profession thoroughly online.
4. Volunteer and serve your community to show your interest in helping others.
5. Broaden your knowledge base to develop an appreciation for different ways of thinking and living through reading or interacting with those who have a different background, socioeconomic status or lifestyle.



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## PREPARING FOR VETERINARY MEDICAL SCHOOL

- A bachelor's degree is not required for veterinary school.
- There is no preferred major for those who choose to complete a degree.
- Students must complete the courses required by the schools to which they plan to apply and score competitively on the Graduate Record Exam (GRE).
- Competitive applicants have shadowed practicing veterinarians, engaged in community service and leadership activities, have broad animal experience and veterinary work experience, and are familiar with current issues in veterinary medicine and animal health.
- K-State's College of Veterinary Medicine is the only veterinary school in Kansas.
- Requirements at individual veterinary schools vary.
- Students who complete veterinary school will receive a Doctor of Veterinary Medicine degree.

### PREREQUISITE COURSES

<u>COURSE</u>	<u>HOURS</u>
ENGL 100 Expository Writing I	3
ENGL 200 Expository Writing II	3
COMM 106 Public Speaking	3
BIOL 198 Principles of Biology	4
BIOL 450 Modern Genetics	4
<b>OR</b>	
ASI 500 Genetics	3
BIOL 455 General Microbiology	4
CHM 210 Chemistry I	4
CHM 230 Chemistry II	4
CHM 350 General Organic Chemistry	3
CHM 351 General Organic Chemistry Lab	2
BIOCH 521 Biochemistry	3
PHYS 113 Physics I	4
PHYS 114 Physics II	4
Social Science/Humanities Courses	12
Elective Courses	9

### AVAILABLE SPECIAL INTEREST COURSES

Intro to American Ethnic Studies	Business and Professional Speaking
Intro to Biological Anthropology	Interpersonal Communication
Ceramics	Intro to One Health
Jewelry Design	Animal Health Entomology
Principles of Animal Science	World Regional Geography
Anatomy and Physiology	Medical Ethics
Biology of Cancer Cell	Abnormal Psychology
Developmental Biology	Spanish I or II
Animal Parasitology	Intro to Statistics
Medical Terminology: Latin & Greek for Scientists	Biometrics

## K-STATE COLLEGE OF VETERINARY MEDICINE - EARLY ADMISSION PROGRAM

Eligibility for K-State's College of Veterinary Medicine Early Admissions Program requires:

- A genuine desire to enter the veterinary profession
- Completed Early Admissions Program application
- Three reference letters: high school counselor, veterinarian & employer
- 29 or greater ACT score or equivalent SAT score
- Official high school transcript
- Admission to K-State

Applications must be received by February 1 following graduation from high school.