

PRE-PHARMACY

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 pharmacy schools have no preferred major required for admission, there are majors whose coursework aligns best to fulfill the prerequisites required for admission to pharmacy school.

Common majors: nutritional sciences, nutrition and health



**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.

WHERE DO OUR STUDENTS GO?

UNIVERSITY OF KANSAS
UNIVERSITY OF TENNESSEE
UNIVERSITY OF MISSOURI- KANSAS CITY
CREIGHTON UNIVERSITY
UNIVERSITY OF NEBRASKA-MEDICAL CENTER

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 PHARMACY SCHOOL

- The completion of a bachelor's degree is not required but is preferred by many schools.
- There is no preferred major for those who choose to complete a bachelor's degree at K-State.
- In addition to completing the courses required by the pharmacy schools to which they plan to apply, students must complete the Pharmacy College Admission Test (PCAT).
- Requirements at individual pharmacy schools vary.
- Students who complete pharmacy school will receive a Doctor of Pharmacy degree.

PREREQUISITE COURSES

<u>COURSE</u>		<u>HOURS</u>
ENGL 100	Expository Writing I	3
ENGL 200	Expository Writing II	3
BIOL 198	Principles of Biology	4
COMM 106	Public Speaking	3
BIOL 441	Human Body I	4
BIOL 442	Human Body II	4
OR		
KIN 360	Anatomy & Physiology	8
BIOL 450	Modern Genetics	4
BIOL 455	General Microbiology	4
BIOL 541	Cell Biology	3
CHM 210	General Chemistry I	4
CHM 230	General Chemistry II	4
CHM 531	Organic Chemistry I	3
CHM 532	Organic Chemistry I Lab	2
CHM 550	Organic Chemistry II	3
CHM 551	Organic Chemistry II Lab	2
BIOCH 521	General Biochemistry	4
PHYS 113	General Physics	4
MATH 220	Calculus I	4
STAT 325	Intro to Statistics	3
Humanities Course		3
Social Sciences Course		3
General Education Course		3
General Education Course		3

AVAILABLE SPECIAL INTEREST COURSES

Accounting for Business
Public Health Biology
Medical Terminology: Latin & Greek for Scientists
Intercultural Communication
Interpersonal Communication
Manual Communication
Human Nutrition
Admin Health Care Organizations
Death & Dying in History
Social History of Medicine
Medical Ethics
Gerontology