

PRE-PHARMACY

PRE-PROFESSIONAL ADVISING CENTER



PRE-PHARMACY ADVISING



Pre-Pharmacy students have at least two academic advisors- an academic major advisor and a pre-professional advisor.

The major advisor's primary goal is to help students understand what they must do to complete the requirements of their major (bachelor's degree).

The pre-professional advisor's primary goal is to help students understand what they must do to become competitive applicants to pharmaceutical professional schools.

Students interested in a career in pharmaceutical medicine will select one of the 250 majors offered at K-State and declare their pre-pharmacy designation.



While a particular major is not required for application to Pharmaceutical Medicine programs, At K-State, the most common majors are:

- **Biochemistry, Biology, Chemistry, Life Sciences, Nutrition and Health, Psychology**

PREREQUISITE COURSES

HOURS

ENGL 100	EXPOSITORY WRITING I	3
ENGL 200	EXPOSITORY WRITING II	3
COMM 106	PUBLIC SPEAKING	3
BIOL 198	PRINCIPLES OF BIOLOGY	4
BIOL 441	HUMAN BODY I	4
BIOL 442	HUMAN BODY II	4
OR		
KIN 360	ANATOMY & PHYSIOLOGY	8
BIOL 450	MODERN GENETICS*	4
BIOL 255	GENERAL MICROBIOLOGY	4
BIOL 541	CELL BIOLOGY	3
CHM 210	CHEMISTRY I	4
CHM 230	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	BIOCHEMISTRY	3
PHYS 113	PHYSICS I	4
MATH 220	CALCULUS I	4
STAT 225	INTRO TO STATISTICS	3
SOCIAL SCIENCE/HUMANITIES ELECTIVES		3
ELECTIVES/GENERAL ELECTIVES/GENERAL EDUCATION		3

- Requirements at individual pharmaceutical schools vary, visit with your health professions advisor for details
- We highly recommend that all pre-requisite courses be taken for a grade
- Some schools require pre-requisite courses to be completed at the undergraduate level
- For information about honors courses please visit: <https://www.k-state.edu/ksuhonors/courses/>

COMMON PHARMACY SCHOOLS OF K-STATE STUDENTS APPLY TO



Creighton University
University of Kansas



University of Nebraska Medical Center
University of Missouri-Kansas City
University of Texas-Austin

SOURCE: KSU COLLEGE-TO-CAREER STATISTICS

ADVICE FOR PRE-PHARMACY STUDENTS

- Take the highest-level courses available to you, particularly in math and science
- Study to learn, not to memorize; work to develop critical thinking skills and effective study habits.
- Learn about your desired health career through shadowing, seeking out a job that is relevant to your desired pre-health profession, or research the profession thoroughly online.
- Volunteer and serve your community
- Broaden your knowledge to develop an appreciation for different ways of thinking and living through reading or interacting with those who have different backgrounds, socioeconomic status or lifestyles.

STUDENT INVOLVEMENT

The Pre-Pharmacy Club provides an opportunity to meet other pre-pharmacy students and become involved both professionally and socially. The club holds regular meetings that feature guest speakers from professional schools, community service agencies and providers.

Pre-Health Ambassadors promote pride in and develop awareness of options within pre-health among prospective students, parents, alumni and the general public. The Pre-Health Ambassadors are a group of undergraduate students who volunteer their time and talents at special K-State events.

Alpha Epsilon Delta is the National Health Preprofessional Honor Society and welcomes all students engaged in the pursuit of a health professional development, provides a forum for students with common interests, and extends a program of service to benefit the college/university community and beyond.

RELEVANT INFORMATION

Earning a bachelor's degree prior to admission to pharmacy school is not required but is preferred by many schools.

Requirements at individual pharmacy schools vary.

Pharmacy school programs take 4 years to complete.

Students who complete pharmacy school will receive a Doctor of Pharmacy Degree (Pharm D).

Shadowing and or Pharm Tech experiences is highly recommended for pharmacy school admission.



Scan QR Code to visit K-State's
Pre-Professional Advising Website