

# PRE-PHARMACY

## PRE-PROFESSIONAL ADVISING CENTER

### PRE-HEALTH AT K-STATE

K-State's Pre-Professional Advising Center provides students with a comprehensive, individualized and guided experience to explore and develop their interests in pre-health. The centralized office, conveniently located in the Berney Family Welcome Center, serves as a hub for advising and support to help students succeed in their pre-health goals.

Students interested in a health career will select one of the 250 majors offered at K-State and then declare their pre-health designation. Students are able to select a major of interest and take courses that will provide a strong educational foundation for professional school.

**Common majors: biochemistry, biology, chemistry, life sciences, nutrition and health, nutritional sciences, psychology**



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.

### 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.

### 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 pharmacy technician, 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.

## 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
<b>OR</b>		
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
<small>*taken after completing CHM531</small>		
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  
Intro to Gerontology  
Lifespan Psychology  
Modern Language  
Intro to Medical Anthropology  
Intro to Food Science