

PRE-MEDICINE

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, biomedical engineering, chemistry, integrative physiology, kinesiology, life sciences, 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-Medicine Club provides an opportunity to meet other pre-medicine 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 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 MEDICAL SCHOOL

- Students must earn a bachelor's degree prior to admission to medical school.
- There is no preferred major for pre-medicine students.
- In addition to earning a bachelor's degree, students must complete the courses required by the medical schools to which they plan to apply and score competitively on the Medical College Admission Test (MCAT).
- Students pursuing a medical degree will decide which schools to apply to based on if they want to earn an MD (allopathic approach) degree or a DO (osteopathic approach) degree.
- Competitive applicants shadow practicing physicians, engage in community service and leadership activities, and are familiar with current health care issues.
- Requirements at individual medical schools vary.

PREREQUISITE COURSES

<u>COURSE</u>		<u>HOURS</u>
BIOL 199	Principles of Biology	4
BIOL 455	General Microbiology	4
CHM 210	Chemistry I	4
CHM 230	Chemistry II	4
CHM 531	Organic Chemistry I	3
CHM 532	Organic Chemistry Lab	2
<small>*taken after completing CHM531</small>		
CHM 550	Organic Chemistry II	3
PHYS 113	General Physics I	4
PHYS 114	General Physics II	4
MATH 220	Calculus I	4

COURSES NEEDED FOR THE MCAT

<u>COURSE</u>		<u>HOURS</u>
BIOCH 521	General Biochemistry	3
BIOL 450	Modern Genetics	4
BIOL 441	Human Body I	4
BIOL 442	Human Body II	4
OR		
KIN 360	Anatomy and Physiology	8
PSYCH 110	General Psychology	3
SOCIO 211	Introduction to Sociology	3
STATS 325	Introduction to Statistics	3

AVAILABLE SPECIAL INTEREST COURSES

Intro to Medical Anthropology	Medical Ethics
Public Health Biology	Psychobiology
Practicum- Cadaver Team	Health Psychology
Cell Biology	Lifespan Personality Development
Evolution	Social Welfare as a Social Institution
Immunology	Wealth, Power & Privilege
Medical Terminology: Latin and Greek for Scientists	Dynamics of Working with Older Adults
Intercultural Communication	Drama Therapy with Special Populations
Economics of Healthcare	Lifespan Psychology
Manual Communication	Modern Language
Human Nutrition	Intro to Food Science
Admin. Health Care Organization	
Intro to Gerontology	