

Pharmacy

The State of Kansas is fortunate to have a School of Pharmacy headquartered at the **University of Kansas (KU)** on the Lawrence campus. Additional programs exist in the surrounding states. The curriculum outlined below meets the minimum admissions requirements for many schools, but the information presented here is a general guideline. The ultimate authority on pre-requisites is the professional school. You are strongly encouraged to review the pharmacy schools' websites, and contact each school's representative. Completion of these pre-pharmacy requirements conveys no degree.

Admission to pharmacy school is highly competitive with several components required for successful application. Although not required for admissions to some schools, the completion of a BS or BA degree is preferred by many. The following can be completed in five semesters.

English:

ENGL 100	Expository Writing I	3
ENGL 200	Expository Writing II	3
COMM 106	Public Speaking	3

Biology:

BIOL 198	Principles of Biology	4
BIOL 441/442	Human Body I & II	8 (4/4)
BIOL 450*	Modern Genetics	4
BIOL 455	Microbiology	4
BIOL 541*	Cell Biology	3

Humanities and Social Sciences** (or KU Core Curriculum Requirements):

1. CLSCS 105	Medical Terms	2
2. PHILO 365	Medical Ethics	3
3. ECON 110	Intro to Economics	3
4.	_____	
5.	_____	
6.	_____	
7.	_____	

** i.e., AMETH160, ANTH 200, HDFS 110, GEOG 100, HIST 252, MUSIC 250, POLSCI 110, PSYCH 110, SOCIO 211

Math/Physics:

PHYS 113	General Physics I	4
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(KU: Not required if students complete 1 year of high schools physics with a grade of B or higher)

MATH 220	Analytical Geo/Calc	3
STAT 325	Statistics	3

Chemistry:

CHM 210	Chemistry I	4
CHM 230	Chemistry II	4
CHM 531	Organic Chemistry I	3
CHM 532	Organic Chemistry Lab	2
CHM 550	Organic Chemistry II	3
CHM 551	Advanced Organic Lab	2
BIOCH 521/265*	General Biochemistry	3

Professional Shadowing:

- Required to be competitive applicant to demonstrate investigation and exploration of the profession.
- Recommended at more than one professional venue, approximately 100-200 hours each.
- Some venues may include ER pharmacist, independent pharmacist, corporate pharmacist, hospital pharmacist, clinical and/or veterinary medicine pharmacist.

~Paid employment in the field counts as well.

~Keeping journal of experiences is recommended.

*PCAT prep

Pharmacy College Admissions Test (PCAT):

This exam is required of all pharmacy school applicants. It is a specialized test that helps identify qualified applicants and is a measure of general academic ability and scientific knowledge necessary to achieve a pharmaceutical education. The PCAT is administered in a computer-based format. For the annual testing cycle, standard administration of the PCAT will occur on one or more dates in July, September, and January. Registration for testing may take up to 60 days.

Useful Websites:

University of Kansas, School of Pharmacy: www.pharm.ku.edu

American Association of Colleges of Pharmacy: www.aacp.org

PCAT: www.pcatweb.info

PharmCAS (application service): www.pharmacas.org

General Information: www.aacp.org/site/tertiary.asp

K-State Advisor Contact:

Sherryl J. Allen
Health Professions Advisor
Office of the Dean
College of Arts and Sciences- Student Services
107 Calvin Hall
(785) 532-6904
sherryl@ksu.edu

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