



Pre-Pharmacy Curriculum

Year 1 Fall (1st pre-professional year)

BIOL	150	4	Principles of Molecular & Cellular Biology (requires concomitant or prior enrollment in CHEM 130)
CHEM	130	5	General Chemistry I Lecture/Laboratory (requires eligibility in MATH 115)
ENGL	101	3	Composition (approved alternatives to satisfy GE2-1*: ENGL 105, BUS 105, HWC 114, HWC 204)
MATH	115	3	Calculus I (satisfies GE1-2*, requires completion of MATH 101, or MATH 104, or 26 or higher on ACT mathematics)
		3	<i>KU Core: select a course that satisfies GE3-H, GE3-S, AE4-1, or AE4-2</i>
			18 credit hours, <i>Pre-Pharmacy Advising</i>

Year 1 Spring

BIOL	240	3	Human Anatomy Lecture
CHEM	135	5	General Chemistry II Lecture/Laboratory
ENGL	102	3	Critical Reading & Writing (approved alternatives to satisfy GE21*: ENGL 105, BUS 105, HWC 114, HWC 204)
MATH	365	3	Statistics (approved alternatives include BIOL 570, PSYC 210 or DSCI 202)
PHSX	114	4	College Physics I (satisfies GE1-1*, note exceptions below [†])
			18 credit hours, <i>Pre-Pharmacy Advising</i>

Year 1 Summer

Optional coursework (e.g. students seeking Minors in Business, etc)

Year 2 Fall (2nd pre-professional year)

BIOL	400	3	Microbiology Lecture (requires completion of BIOL 150, CHEM 130, and CHEM 135)
BIOL	402	2	Microbiology Laboratory
CHEM	330	3	Organic Chemistry I Lecture (satisfies GE3-N*)
CHEM	331	2	Organic Chemistry I Laboratory
COMS	130	3	Speaker-Audience Communication (approved alternatives to satisfy GE2-2*: COMS 131-133, JOU 150, THR 120, PHIL 150)
		3	<i>KU Core: select a course that satisfies GE3-H, GE3-S, AE4-1, or AE4-2</i>
			16 credit hours, <i>Pre-Pharmacy Advising, Take PCAT, Pharmacy School Applications</i>

Year 2 Spring

BIOL	546	3	Mammalian Physiology Lecture
BIOL	547	2	Mammalian Physiology Laboratory
CHEM	335	3	Organic Chemistry II Lecture
CHEM	336	2	Organic Chemistry II Laboratory
		3	<i>KU Core: select a course that satisfies GE3-H, GE3-S, AE4-1, or AE4-2</i>
		3	<i>KU Core: select a course that satisfies GE3-H, GE3-S, AE4-1, or AE4-2</i>
			16 credit hours, <i>Pharmacy School Interviews</i>

68 pre-pharmacy credit hours completed

Year 2 Summer

Optional coursework (e.g. students seeking Minors in Business, etc)

* For information about KU's general education requirements (KU Core) see: <http://kucore.ku.edu/>

† Student entering the PharmD program in the fall 2019 semester or after are required to complete PHSX 114. Students entering the PharmD program in the fall 2018 semester with a high school physics performance of B or higher, but without college credit for PHSX 111 or 114, must satisfy KU Core goal 1.1 with an alternative course.

• Transfer students please use CREDITRAN to map your courses to approved KU Core classes: <http://www.credittransfer.ku.edu>

Information about KU's general educational requirements (KU Core)

Completion of 68 credit hours in pre-pharmacy courses at a letter grade of C or higher is required prior to matriculation into the PharmD program. While the minimum pre-pharmacy GPA for admission is 2.5, our admitted students' average GPA is historically 3.5 (typical range 3.0 to 4.0).

Information regarding KU's undergraduate degree requirements (i.e. KU Core Curriculum) can be found at www.kucore.ku.edu. In summary, students must complete 6 educational goals by satisfying learning outcomes. Learning outcomes are typically achieved with coursework, but in some cases study abroad or other experiences can satisfy outcomes. Goals 1-4 must be completed during the pre-pharmacy curriculum prior to pharmacy school. Only approved courses can be used to satisfy both the pre-pharmacy requirements and goal 2 (see page 1). Goals 5 and 6 are completed in pharmacy school.

Exemptions: Students who have earned an Associate of Arts degree from a regionally accredited Kansas public college, public university, or public community college will be considered to have met Goals 1-3 of the KU Core (general education). Students who have earned a Bachelors degree from an accredited US college or university will be considered to have met all Goals of the KU Core (general education). Exemptions for KU Core goals GE11, GE21, GE22, and AE42 can be found here: <http://kucore.ku.edu/exemptions>