



## 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 GE1-1 (note <sup>+</sup> PHSX 111 requirement below), 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)
		3	<i>KU Core: select a course that satisfies GE1-1 (note <sup>+</sup> PHSX 111 requirement below), GE3-H, GE3-S, AE4-1, or AE4-2</i>
17 credit hours, <i>Pre-Pharmacy Advising</i>			

### Year 1 Summer

*Optional coursework (e.g. students seeking Minors in Business or Spanish)*

### 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 GE1-1 (note <sup>+</sup> PHSX 111 requirement below), 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	646	4	Mammalian Physiology Lecture
BIOL	647	2	Mammalian Physiology Laboratory (BIOL 247 is an approved alternative only if BIOL 647 is full)
CHEM	335	3	Organic Chemistry II Lecture
CHEM	336	2	Organic Chemistry II Laboratory
		3	<i>KU Core: select a course that satisfies GE1-1 (note <sup>+</sup> PHSX 111 requirement below), GE3-H, GE3-S, AE4-1, or AE4-2</i>
		3	<i>KU Core: select a course that satisfies GE1-1 (note <sup>+</sup> PHSX 111 requirement below), GE3-H, GE3-S, AE4-1, or AE4-2</i>
17 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 or Spanish)*

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

<sup>+</sup> Complete PHSX 111 (offered spring semesters only) or PHSX 114 (offered in all semesters) to satisfy GE1-1. Students earning a letter grade of B or higher in non-AP high school physics are exempt from this requirement but must take another college course approved for GE1-1.

♦ Transfer students please use CREDTRAN to map your courses to approved KU Core classes <http://admissions.ku.edu/credits>

## 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).

**Detailed information regarding KU's revised undergraduate degree requirements** (i.e. KU Core Curriculum) can be found at [www.kucore.ku.edu](http://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.

**Current students who opted into the KU Core, or new students required to complete the KU Core:** All students first enrolling at KU on or after the fall 2015 semester (regardless of where they complete their pre-pharmacy coursework), will be required to complete the KU Core requirements (see exemptions below). Current students were permitted to opt into the KU Core if they first enrolled at KU in either the summer 2012, fall 2012, spring 2013, or summer 2013 semesters AND they were first time freshmen or transfer students with 29 or fewer credit hours completed at the term of admission. College freshmen enrolling at KU in the fall 2013 or later are required to complete the KU Core. Transfer students first enrolling at KU in the fall 2015 or later are required to complete the KU Core.

**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>

**Student who opted out or are not eligible to opt into the KU Core:** Current students who first enrolled at KU or another college/university prior to the fall 2013 semester may choose to finish the former pre-pharmacy requirements (only if they opted out of the KU Core by 7/31/14). Transfer students enrolling at KU no later than the summer 2015 semester can opt out of the KU Core by no later than July 31, 2015. Students who first enrolled at KU prior to summer 2012 are not eligible to opt into the KU Core. If any of the above 3 options applies, these students must complete all the specified courses above and replace the 5 KU Core elective courses above with 15 credit hours of coursework in the humanities and/or social sciences.