



## Pre-Pharmacy Curriculum

### Year 1 Fall (1st pre-professional year)

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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 (satisfies part 1 of KU Core* GE21)
MATH	115	3	Calculus I (satisfies KU Core* GE11, requires completion of MATH 101, or MATH 104, or 26 or higher on ACT mathematics)
		3	Select a course that satisfies KU Core* GE11, GE3H, GE3S, AE41, or AE42
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18 credit hours, <i>Pre-Pharmacy Advising</i>			

### Year 1 Spring (1st pre-professional year)

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BIOL	240	3	Human Anatomy Lecture
CHEM	135	5	General Chemistry II Lecture/Laboratory
ENGL	102	3	Critical Reading and Writing (satisfies part 2 of KU Core* GE21)
MATH	365	3	Statistics
		3	Select a course that satisfies KU Core* GE11, GE3H, GE3S, AE41, or AE42
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17 credit hours, <i>Pre-Pharmacy Advising</i>			

### Year 1 Summer (1st pre-professional year)

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PHSX	111	3	College Physics (high school physics may satisfy this requirement)
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### Year 2 Fall (2nd pre-professional year)

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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 KU Core* GE3N)
CHEM	331	2	Organic Chemistry I Laboratory
COMS	130	3	Speaker-Audience Communication (satisfies KU Core* GE22)
		3	Select a course that satisfies KU Core* GE11, GE3H, GE3S, AE41, or AE42
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16 credit hours, <i>Pre-Pharmacy Advising, PCAT, Pharmacy School Applications</i>			

### Year 2 Spring (2nd pre-professional year)

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BIOL	646	4	Mammalian Physiology Lecture
BIOL	647	2	Mammalian Physiology Laboratory (BIOL 247 is an acceptable alternative if BIOL 647 is full)
CHEM	335	3	Organic Chemistry II Lecture
CHEM	336	2	Organic Chemistry II Laboratory
		3	Select a course that satisfies KU Core* GE11, GE3H, GE3S, AE41, or AE42
		3	Select a course that satisfies KU Core* GE11, GE3H, GE3S, AE41, or AE42
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17 credit hours, <i>Pharmacy School Interviews</i>			

### Year 2 Summer (2nd pre-professional year) Complete remaining pre-pharmacy courses

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*68 pre-pharmacy credit hours completed*

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

**GE11** = goal 1, outcome 1 "critical thinking"; **GE3H** = goal 3, humanities outcome; **GE3S** = goal 3, social science outcome; **AE41** = goal 4, outcome 1 "US diversity"; and **AE42** = goal 4, outcome 2 "global awareness".

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.

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. To do so, 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. Current students may choose to opt in to 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 above courses. These students must use "*KU Core elective*" courses to complete goals 1, 3 and 4. Completion of ENGL 101, ENGL 102, and COMS 130 satisfies goal 2. If a student chooses to satisfy goal 2 with courses other than those specified above they should seek approval from the School of Pharmacy. Goals 1-4 must be completed during the pre-pharmacy curriculum prior to pharmacy school. Goals 5 and 6 are completed in pharmacy school.

Transfer students first enrolling at KU during the 2014-2015 academic year and who have previously attended another college or university may opt out of the KU Core. Upon opting-out of the KU Core, these students are then required to complete 15 credit hours of coursework in the humanities or social sciences in addition to the pre-pharmacy requirements specified above (excluding the KU Core electives). All students first enrolling in the 2015-2016 academic years, regardless of where they complete their pre-pharmacy coursework, will be required to complete the KU Core requirements.