

**Cowley County Community College**  
TRANSFER PROGRAM TO THE UNIVERSITY OF KANSAS

**Pharmacy PharmD**

Number to call at KU for advising: (785) 864-3591

E-mail: [pharmacy@ku.edu](mailto:pharmacy@ku.edu)

Website: [www.pharm.ku.edu](http://www.pharm.ku.edu)

Students should apply for admission to the School of Pharmacy when they will have completed the 68 credit hours of required pre-pharmacy courses prior to the fall semester of the year for which admission is sought. New admissions are made only in the fall semester. While students must meet a minimum GPA of 2.5 overall and in science and math courses to be eligible, the average GPA for successful applicants is much higher. Students are required to take the Pharmacy College Admission Test (PCAT). The School of Pharmacy accepts approximately 105 first-year professional students each year. Students are encouraged to meet with a pharmacy advisor during their second or third semester in the pre-pharmacy curriculum to review their academic record and prepare for the admission cycle. For detailed admission information see our website listed above.

A total of 208 hours (12 semesters; 6-year program) is required to earn a Pharm.D. degree.

**Pharmacy Requirements:**

**KU Course Requirements**

**Cowley Equivalents**

<b>ENGLISH (2 courses)</b>					<b>Core</b>
ENGL 101 Composition	3		ENG 2211 Composition	3	GE21
ENGL 102 Critical Reading and Writing	3		ENG 2212 Composition 2	3	GE21

<b>MATH</b>					<b>Core</b>
MATH 115 Calculus I <b>OR</b>	3		MTH 4432 Calc For Business & Economics	5	GE12
MATH 125 Calculus I	5		MTH 4435 Calculus	5	GE12
MATH S365 Elementary Statistics	3		MTH 4423 Elementary Statistics	3	GE12

<b>NATURAL SCIENCES available</b>					<b>Core</b>
BIOL 150 Principles of Molecular and Cellular Biology	4		BIO 4125 General Biology	5	GE3N
BIOL 240 Human Anatomy	3		BIO 4148 A&P	4	
CHEM 130 Chemistry	5		CHM 4220 Chemistry	5	GE12, GE3N
CHEM 135 Chemistry 2	5		CHM 4230 Chemistry 2	5	GE12, GE3N
CHEM S330 & S331 ORGANIC CHEM I & LAB	5		CHM 4250 Organic Chemistry	5	
CHEM S335 & S336 ORGANIC CHEM II & LAB	5		CHM 4251 Organic Chemistry 2	5	
BIOL 400 & 401 Microbiology	5		BIO 4160 Microbiology	5	GE3N
PHSX 114 College Physics ( <b>high school physics can satisfy this</b> )	4		PHS 4550 General Physics	5	GE11, GE12, GE3N

**KU Core Curriculum (additional requirements not covered by degree requirements)**

Additional courses that satisfy the KU Core are continuously updated and available at <http://kucore.ku.edu/courses>.

**KU Course Requirements**

**Cowley Equivalents**

<b>Goal 1: Critical Thinking and Quantitative Literacy (1 Unit from each outcome)</b>					
<b>Outcome 1</b>			<b>GE11</b>		
ENGL 211 Intro to Drama	3		LIT 2565 Dramatic Literature		3
PHIL 140 Intro to Philosophy	3		PHO 6447 Intro To Philosophy		3
PHIL 160 Ethics	3		PHO 6460 Ethics		3
PHSX 114 College Physics I	4		PHS 4550 General Physics		5
PHSX 211/216 General Physics I	4		PHS 4560 Engineering Physics		5
SOC 160 Social Problems/American Values	3		SOC 6816 Social Problems		3
SOC 104 Elements of Sociology	3		SOC 63811 Principles of Sociology		3

<b>Goal 2: Communication (3 Units) -two from outcome 1 and one from outcome 2</b>					
<b>Outcome 2</b>			<b>GE22</b>		

COMS 130 Speaker-Audience Communication	3		COM 2711 Speech	3
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**Goal 3: Breadth of Knowledge (3 Units) -one from each category**

<b>Arts &amp; Humanities</b>			<b>GE3H</b>	
ANTH 110 Intro to Archaeology	3		ANT 6920 Intro To Archaeology	3
	3		LIT 2531 African-American Literature	3
			LIT 2550 American Literature	3
			LIT 2551 American Literature 2	3
			LIT 2560 English Literature	3
			LIT 2561 English Literature 2	3
			LIT 2563 Gender/Genre Literature	3
			LIT 2567 Native American Literature	3
ENGL 211 Intro to Drama	3		LIT 2565 Dramatic Literature	3
REL 104 Intro to Religions	3		REL 6430 Comparative Religions	3
			REL 6432 Survey Of The Old Testament	3
			REL 6434 Survey Of The New Testament	3
PHIL 140 Intro to Philosophy	3		PHO 6447 Intro To Philosophy	3
PHIL 160 Ethics	3		PHO 6460 Ethics	3
THR 100 Intro to Theatre	3		THE 2730 Theatre Appreciation	3
THR 106 Intro to Acting	3		THE 2735 Acting	3
REL 104 Intro to Religious Studies	3		REL 6430 Comparative Religions	3
HA 150 Western Art History	3		ART 2141 Art History	3
HIST 128 Hist US thrgh Civil War	3		HIS 6411 U.S. History To 1877	3
HIST 129 Hist of US After Civil War	3		HIS 6412 U.S. History Since 1865	3
			HIS 6420 World History	3
			HIS 6421 World History 2	3
HSES 244 Intro to Physical Ed and Sport Science	3		HPE 6311 Intro to Physical Education	3
<b>Social Sciences</b>			<b>GE3S</b>	
EPSY S305 Child Development	3		CHC 5711 Orient Child Care Fld	3
GEOG 102 Princ of Human Geography	3		GEG 6120 Principles Of Geography	3
ANTH 108 Cultural Anthropology	3		ANT 6911 Cultural Anthropology	3
			ANT 6912 Intro Linguistic Anthropology	3
COMS 244 Intr Personal Comm	3		COM 2725 Interpersonal Comm	3
ECON 142 Princ of Microeconomics	3		ECO 6114 Prin Of Microeconomics	3
ECON 144 Princ of Macroeconomics	3		ECO 6113 Prin Of Macroeconomics	3
POLS 110 Intro to US Politics	3		POL 6611 American National Govern	3
PSYC 104 General Psychology	3		PSY 6711 General Psychology	3
SOC 104 Elements of Sociology	3		SOC 6811 Principles Of Sociology	3
			PSY 6712 Developmental Psychology	3
JOUR 101 Media and Society	3		MCM 2411 Mass Media and Society	3

**Goal 4: Culture and Diversity (One Unit from each outcome)**

<b>Outcome 1</b>			<b>AE41</b>	
SOC 104 Elements of Sociology	3		SOC 6811 Principles Of Sociology	3
SOC 160 Social Problems and American Values	3		SOC 6916 Social Problems	3
<b>Outcome 2</b>			<b>AE42</b>	
ANTH 108 Intro to Cultural Anthropology	3		ANT 6911 Cultural Anthropology	3
GEOG 102 Princ of Human Geography	3		GEG 6120 Principles Of Geography	3
REL 104 Intro to Religious Studies	3		REL 6430 Comparative Religions	3
			REL 6430 Comparative Religions	3
			LIT 2567 Native American Literature	3
			LIT 2531 African-American Literature	3
HA 150 Western Art History I	3		ART 2141 Art History	3

- Courses may not be used to satisfy more than one area requirement
- A maximum of 64 hours of community college course work can be applied toward a KU degree
- "S" before a number (Ex. MATH S365) indicates the course will be satisfied but will not count toward the number of Junior/Senior (upper-level) hours required for graduation

- The requirements listed above are subject to annual change
- Courses with a grade of D or below do not transfer