

**Butler Community College**  
**TRANSFER PROGRAM TO THE UNIVERSITY OF KANSAS**  
**School of Pharmacy- PharmD**

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

This sheet is designed to assist students in the proper selection of classes at Allen County Community College in fulfilling KU's general requirements of the Pharm.D. degree in the School of Pharmacy

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**

**Butler Equivalents**

<b>ENGLISH (2 courses)</b>				<b>Core</b>
ENGL 101 Composition	3		EG 100 or 101 Composition	3 GE21
ENGL 102 Critical Reading and Writing	3		EG 102 Composition 2	3 GE21

<b>MATH</b>				<b>Core</b>
MATH 115 Calculus I <u>OR</u>	3		MA 145 Calculus with Applications	5 GE12
MATH 125 Calculus I	4		MA 151 Calculus with Applications	5 GE12
MATH S365 Elementary Statistics	3		MA 210 Statistics <u>OR</u>	3 GE12
			MA 220 Stats for Mgmt, Life, Soc Scie	5 GE12, GE3N

<b>NATURAL SCIENCES available</b>				<b>Core</b>
BIOL 150 Principles of Molecular and Cellular Biology	4		No equivalent	GE3N
BIOL 240 Human Anatomy	3		BI 226 A&P	4
CHEM 130 Chemistry	5		CH 110 College Chemistry	5 GE12, GE3N
CHEM 135 Chemistry 2	5		CH 115 College Chemistry 2	5 GE12, GE3N
CHEM S330 & S331 ORGANIC CHEM I & LAB	5		CH 240 Organic Chemistry	5
CHEM S335 & S336 ORGANIC CHEM II & LAB	5		CH 245 Organic Chemistry 2	5
BIOL 400 & 401 Microbiology	5		BI 250 Microbiology	5 GE3N
PHSX 114 College Physics ( <b>high school physics can satisfy this</b> )	5		PH 143 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**

**Butler Equivalents**

<b>Goal 1: Critical Thinking and Quantitative Literacy (1 Unit from each outcome)</b>				
<b>Outcome 1</b>			<b>GE11</b>	
ENGL 210 Intro to Poetry	3		LT 204 Intro to Poetry	3
PHIL 140 Intro to Philosophy	3		PL 290 Philosophy	3
PHIL 148 Reason and Argument	3		PL 101 Intro to Logic	3
PHIL 160 Ethics	3		PL 291 Ethics	3
BLAW S301 Legal Aspects of Business	3		BA 115 Business	3
PHSX 114 College Physics	4		PH 143 General Physics	5
PHSX 211/216 General Physics I	4		PH 251 Physics	5

SOC 104 Elements of Sociology	3	BS 105 Sociology	3
SOC 160 Social Problems and American Values	3	BS 110 Contemporary Social Problems	3

### Goal 2: Communication (3 Units) -two from outcome 1 and one from outcome 2

Outcome 2		GE22	
COMS 130 Speaker-Audience Communication	3	SP 100 Public Speaking	3

### Goal 3: Breadth of Knowledge (3 Units) -one from each category

Arts & Humanities		GE3H	
ENGL 210 Intro to Poetry	3	LT 204 Intro to Poetry	3
REL 171 Religion in American Society	3	RG 210 World Religions	3
		LT 205 Intro to the Short Story	3
		LT 211 British Literature	3
		LT 212 British Literature 2	3
		LT 215 American Literature	3
		LT 216 American Literature 2	3
		LT 218 Shakespeare	3
ART 101 Drawing I	3	AR 141 Drawing and Composition	3
		AR 100 Art Appreciation	3
HIST 128 History of the US through the Civil War	3	HS 131 U.S. History	3
HIST 129 History of the US after the Civil War	3	HS 132 U.S. History 2	3
		HS 201 History of World Civilization	3
		HS 202 History of World Civilization 2	3
		RG 190 New Testament	3
		RG 191 Old Testament	3
		RG 210 Comparative Religions	3
PHIL 140 Intro to Philosophy	3	PL 290 Philosophy	3
PHIL 148 Reason and Argument	3	PL 101 Intro to Logic	3
PHIL 160 Ethics	3	PL 291 Ethics	3
THR 100 Intro to the Theater	3	TA 206 Intro to Theater Art	3
THR 106 Intro to Acting	3	TA 110 Acting	3
		TA 120 Film Appreciation: American Cinema	3
HSES 244 Intro PE and Sports Science	3	PE 120 Intro to Physical Education	3
PHMD 101 Fund of Photography	3	MC 100 Photography I	3
Social Sciences		GE3S	
EPSY S305 Development/Learning of the Child	3	BS 270 Child Psychology	3
METL 211 Intro to Jewelry	3	AR 118 Jewelry Design	3
COMS 244 Intr Personal Comm	3	SP 102 Interpersonal Communication	3
ECON 142 Princ of Microeconomics	3	EC 200 Principles of Microeconomics	3
ECON 144 Princ of Macroeconomics	3	EC 201 Principles of Macroeconomics	3
POLS 110 Intro to US Politics	3	PO 141 American Federal Government	3
POLS 170 Intro to International Politics	3	PO 201 International Relations	3
PSYC 104 General Psychology	3	BS 160 General Psychology	3
SOC 104 Elements of Sociology	3	BS 105 Sociology	3
ANTH 100 General Anthropology	3	BS 106 Intro to Anthropology	3
		BS 260 Developmental Psychology	3
BLAW S301 Legal Aspects of Business		BA 115 Business Law	3
JOUR 101 Media and Society	3	MC 161 Intro to Mass Communication	3

### Goal 4: Culture and Diversity (1 Unit from each outcome)

Outcome 1		AE41	
SOC 104 Elements of Sociology	3	BS 105 Sociology	3
SOC 160 Social Problems and American Values	3	BS 110 Contemporary Social Problems	3
Outcome 2		AE42	
POLS 170 Intro to International Politics	3	PO 201 International Relations	3
REL 171 Religion in American Society	3	RG 210 World Religions	3
		RG 210 Comparative Religion	3
SPAN 212 Intermediate Spanish	3	FL 201 Intermediate Spanish	3

GERM 104 Elementary German I	4	FL 117 Intro to German 2	3
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- 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