

Coffeyville Community College

Transfer Program to University of Kansas

B.S. Mechanical Engineering

Number to call at KU for advising: (785) 864-3181

Website: <http://www.me.engr.ku.edu/>

- Timely completion of prerequisite courses is imperative due to tight sequencing of major courses. Consult KU catalog and seek KU advising early.
- A total of 128 credit hours is required for the B.S. in Mechanical Engineering. The B.S. in Mechanical Engineering is an ABET accredited program. A concentration in Biomechanical is available.
- The last 30 hours of course work must be completed at KU.
- Transfer students will have their applications to the School of Engineering evaluated on a case-by-case basis and must have a minimum GPA of 2.5 to be considered. Admission is selective. Meeting minimum requirements does not guarantee admission.
- Either an ACT Math score of 28 or higher or proof of proficiency in college calculus (grade of “C” or higher) is required for admission.
- The School of Engineering recommends that students apply for transfer admission to KU by May 1 for summer and fall; December 1 for spring.
- Pass/Fail policy: only accepted for KU Core GE 2.1 Written Communication, GE 2.2 Oral Communication, GE 3H Humanities, GE 3S Social Sciences, AE 4.1 Human Diversity, AE 4.2 Global Awareness, and AE 5 Social & Ethical Responsibility. If an Engineering department recommends that certain course work be used to fulfill any of these requirements, those courses must be taken for an “A”-“F” grade.

Requirements:

KU Course Requirements

Coffeyville Equivalents

ENGLISH (2 courses)				Core
ENGL 101 Composition	3	ENGL 101 Composition	3	GE21
ENGL 102 Critical Reading and Writing	3	ENGL 102 Composition	3	GE21

MATHEMATICS				Core
MATH 125 Calculus	4	MATH 115 Calculus with Analytic Geometry	5	GE12
MATH 126 Calculus 2	4	MATH 120 Calculus with Analytic Geometry 2	5	
MATH 127 Calculus 3	4	MATH 201 Calculus with Analytic Geometry 3	5	
MATH S365 Elementary Statistics	3	MATH 250 Statistics	3	GE12
MATH 290 Elementary Linear Algebra	2	No Equivalent		
MATH 220 Differential Equations	3	No Equivalent		

NATURAL SCIENCES				Core
CHEM 130 Chemistry	5	CHEM 103 Principles Of Chemistry	5	GE3N, GE12
PHSX 211 & 216 Engineering Physics	5	ENGR 210 Engineering Physics	5	GE3N, GE11, GE12
PHSX 212 & 236 Engineering Physics	5	ENGR 211 Engineering Physics 2	5	GE3N

ECONOMICS- Choose one				Core
ECON 142 Princ of Microeconomics	3	ECON 206 Prin Of Economics (Micro)	3	GE3S
ECON 144 Princ of Macroeconomics	3	ECON 205 Prin Of Economics (Macro)	3	GE3S

COMMUNICATION				Core
COMS 130/131 Public Speaking	3	SPCH 111 & 121 Public Speaking	3	GE22

ETHICS				Core
PHIL 160 Intro to Ethics	3	HUMN 180 Intro To Ethics	3	AE51, GE11, GE3H

Biomedical Subplan additional course:

Choose One:				
BIOL 150 Prn Molecular/Cellular	5		BIOL 206 Biology I	5 GE3N
BIOL 152 Princ of Organismal Biology	5		BIOL 208 Biology II	5 GE3N
BIOL 240 Intro to Anatomy	3		BIOL 203 Human A&P	4
BIOL 246 Intro of Physiology	3		No Equivalent	

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

Coffeyville Equivalents

Goal 3: Breadth of Knowledge (3 Units) -one from each category				
Arts & Humanities			GE3H	
ENGL 209 Intro to Fiction	3		ENGL 210 Fiction & Prose	3
			ENGL 203 Major English Writers	3
			ENGL 204 American Literature	3
			ENGL 205 Old Testament Literature	3
			ENGL 206 New Testament Literature	3
REL 104 Intro to Religious Studies	3		HUMN 208 Comparative Religions	3
			ENGL 209 Poetry & Drama	3
			ENGL 200 Native American Literature	3
			ENGL 220 African American Literature	3
HA 150 Western Art History I	3		ARTS 140 Art History & Appreciation	3
HA 151 Western Art History II	3		ARTS 141 Art History & Appreciation 2	3
ART 101 Drawing I	3		ARTS 147 Drawing I	3
THR 100 Introduction to the Theater	3		THTR 160 Theater Appreciation	3
THR 100 Introduction to the Theater	3		THTR 175 Intro To Theatre: Honors	3
PHIL 140 Intro to Philosophy	3		HUMN 104 Intro To Philosophy	3
PHIL 148 Reason and Argument	3		HUMN 218 Logic and Critical Thinking	3
PHIL 160 Ethics	3		HUMN 180 Intro To Ethics	3
THR 106 Intro to Acting	3		THTR 164 Fundamentals of Acting	3
HIST 128 Hist US thrgh Civil War	3		HIST 102 Early United States History	3
HIST 129 Hist of US After Civil War	3		HIST 103 Recent United States History	3
HSES 244 Intro to Physical Ed	3		HPER 103 Intro to Health/PE/Recreation	3

Goal 4: Culture and Diversity (One Unit from each outcome)				
Outcome 1			AE41	
SOC 104 Elements of Sociology	3		SOCI 101 Intro To Sociology	3
SOC 160 social Problems and American Values	3		SOCI 201 American Social Problems	3
Outcome 2			AE42	
GEOG 100 World Regional Geography	3		GEOG 120 World Geography	3
REL 104 Intro to Religious Studies	3		HUMN 208 Comparative Religions	3
POLS 170 International Politics	3		GOVN 107 International Relations	3
			ENGL 200 Native American Literature	3
			ENGL 220 African-American Literature	3
SPAN 212 Intermediate Spanish	3		FLNG 203 Spanish 3	3
SPAN 216 Intermediate Spanish 2	3		FLNG 204 Spanish 4	3

- In order to graduate in four years, a student must transfer to KU after one year
- Pass/Fail Policy. Only courses used to fulfill English, Humanities, and Social Science requirements will be accepted with a "P" grade
- *PHSX 211 satisfies the PHSX 210 requirement for Engineering at KU
- "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
- A maximum of 64 hours of community college course work can be applied toward a KU degree