

Allen County 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

Allen Course Equivalents

ENGLISH (2 courses)					<u>Core</u>
ENGL 101 Composition	3		COL 101 Composition	3	GE21
ENGL 102 Critical Reading and Writing	3		COL 102 Composition	3	GE21

MATHEMATICS					<u>Core</u>
MATH 125 Calculus	4		MAT 123 Calculus with Analytic Geometry	5	GE12
MATH 126 Calculus 2	4		MAT 125 Calculus with Analytic Geometry 2	5	
MATH 127 Calculus 3	4		MAT 225 Calculus with Analytic Geometry 3	3	
MATH S365 Elementary Statistics	3		MAT 115 Statistics	3	GE12
MATH 290 Elementary Linear Algebra	2		No equivalent		
MATH 220 Differential Equations	3		No equivalent		

NATURAL SCIENCES					<u>Core</u>
CHEM 130 Chemistry	5		CHE 125 Chemistry	5	GE3N, GE12
PHSX 211 & 216 Engineering Physics	5		PSC 204 Engineering Physics	5	GE3N, GE11, GE12
PHSX 212 & 236 Engineering Physics	4		PSC 205 Engineering Physics 2	5	GE3N

ECONOMICS- Choose one					<u>Core</u>
ECON 142 Princ of Microeconomics	3		ECO 207 Economics	3	GE3S
ECON 144 Princ of Macroeconomics	3		ECO 208 Economics 2	3	GE3S

COMMUNICATION					<u>Core</u>
COMS 130 Public Speaking	3		COM 101 Public Speaking	3	GE22

ETHICS					<u>Core</u>
PHIL 160 Intro to Ethics	3		HUM 105 Ethics	3	AE51, GE11, GE3H

Biomedical Subplan additional course:

Choose One:				
BIOL 150 Prn Molecular/Cellular	5		BIO 150 Biology	5 GE3N
BIOL 152 Princ of Organismal Biology	5		BIO 210 Biology 2	5 GE3N
BIOL 240 Intro to Anatomy	3		BIO 257 & 258 Human Anatomy	6
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**Allen Course Equivalents**

Goal 3: Breadth of Knowledge (3 Units) -one from each category				
Arts & Humanities			GE3H	
			ART 101 Art Appreciation	3
REL 104 Intro to Religious Studies	3		HUM 135 World Religions	3
ART 101 Drawing	3		ART 126 Drawing	3
ENGL 210 Intro to Poetry	3		COL 132 Poetry	3
ENGL 209 Intro to Fiction	3		COL 135 Fiction	3
			COL 211 Early American Literature	3
			COL 222 Modern American Literature	3
			COL 230 Early British Literature	3
CLSX 148 Greek and Roman Mythology	3		COL 250 Intro to Mythology	3
HIST 128 History to Civil War	3		HIS 108 American History to 1865	3
HIST 129 History after Civil War	3		HIS 109 American History from 1865	3
HIST 121 Modern Latin America	3		HIS 250 Latin America History	3
PHIL 160 Intro to Philosophy	3		HUM 125 Philosophy	3
PHIL 160 Intro to Ethics	3		HUM 105 Ethics	3
THR 101 Intro to Theatre	3		THE 101 Theatre Appreciation	3
THE 131 Acting	3		THR 106 Intro to Acting	3
HSES 244 Intro PE and Sports Science	3		HPE 101 Intro to PE	3

Goal 4: Culture and Diversity (2 Units)				
Outcome 1			AE41	
SOC 104 Elements of Sociology	3		SOC 102 Sociology	3
SOC 160 Social Problems and American Values	3		SOC 205 Cont Social Problems	3
Outcome 2			AE42	
ANTH 108 Intro Cultural Anthropology	3		ANT 111 Cultural Anthropology	3
GEOG 100 World Regional Geography	3		GEO 104 Princ of Geography	3
REL 104 Intro to Religious Studies	3		HUM 135 World Religions	3
POLS 170 International Relations	3		POL 250 Intro to International Relations	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
- Courses with a grade of D or below do not transfer