

# Haskell Indian Nations University

## 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**

### **Haskell Equivalents**

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

<b>MATHEMATICS</b>				<b>Core</b>
MATH 125 Calculus	4		MATH 221 Calculus and Analytical Geometry	5 GE12
MATH 126 Calculus 2	4		MATH 222 Calculus and Analytical Geometry 2	5
MATH 127 Calculus 3	4		No equivalent	
MATH S365 Elementary Statistics	3		MATH 207 Statistics	3 GE12
MATH 290 Elementary Linear Algebra	2		No equivalent	
MATH 220 Differential Equations	3		MATH 227 Differential Equations	4

<b>NATURAL SCIENCES</b>				<b>Core</b>
CHEM 130 Chemistry	5		CHEM 101 General Chemistry	5 GE3N, GE12
PHSX 211 & 216 Engineering Physics	5		PHYS 211 College Physics	5 GE3N, GE11, GE12
PHSX 212 & 236 Engineering Physics	4		PHYS 212 College Physics 2	5 GE3N

<b>ECONOMICS- Choose one</b>				<b>Core</b>
ECON 142 Princ of Microeconomics	3		ECON 201 Princ of Microeconomics	3 GE3S
ECON 144 Princ of Macroeconomics	3		ECON 202 Princ of Macroeconomics	3 GE3S

<b>COMMUNICATION</b>				<b>Core</b>
COMS 130 Public Speaking	3		COMS 131 Public Speaking	3 GE22

<b>ETHICS</b>				<b>Core</b>
PHIL 160 Intro to Ethics	3		No equivalent	AE51, GE11, GE3H

## **Biomedical Subplan additional course:**

Choose One:					
BIOL 150 Prn Molecular/Cellular	5		BIOL 121 Princ of Molecular & Cellular Biology	5	GE3N
BIOL 152 Princ of Organismal Biology	5		BIOL 122 Princ of Organismal Biology	5	GE3N
BIOL 240 Intro to Anatomy	3		BIOL 251 A&P	4	
BIOL 246 Intro of Physiology	3		BIOL 252 A&P 2	4	

### **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**

### **Haskell Equivalents**

<b>Goal 3: Breadth of Knowledge (3 Units) -one from each category</b>					
<b>Arts &amp; Humanities</b>			<b>GE3H</b>		
			ENGL 210 Themes and Issue in Literature		3
			ENGL 212 American Indian Literature		3
			ENGL 221 Fiction Writing		3
			ENGL 310 Short Fiction		3
			ENGL 311 Literature of American West		3
ENGL 211 Intro to Drama	3		THEA 203 Int Drama Literature		3
			AIS 346 Philosophy in Indigenous Literature		3
			AIS 350 Foundations of Indigenous Philosophy		3
THR 100 Intro to Theatre	3		THEA 100 Intro to Theatre		3
THR 106 Intro to Acting	3		THEA 106 Acting		3
HA 150 Western Art History	3		ART 240 Art History		3
ART 101 Drawing I	3		ART 110 Drawing I		3
HIST 128 Hist US thrgh Civil War	3		HIST 101 US History before Civil War		3
HIST 129 Hist of US After Civil War	3		HIST 102 US History since Civil War		3
	3		HIST 221 World Civilizations		3
			HIST 222 World Civilizations 2		3
HSES 244 Intro PE and Sport Studies	3		HSES 102 Intro to Health, Sport and Exercise Science		3

<b>Goal 4: Culture and Diversity (1 Unit from each outcome)</b>					
<b>Outcome 1</b>			<b>AE41</b>		
SOC 160 Intro to Social Problems	3		SOC 102 Social Problems		3
SOC 220 Sociology of Families	3		SOC 201 Marriage and Family		3
SOC 104 Elements of Sociology	3		SOC 101 Intro to Sociology		3
<b>Outcome 2</b>			<b>AE42</b>		
GEOG 100 World Regional Geography	3		GEOG 110 World Geography		3
HWC 204 Western Civilization I	3		HIST 10 Western Civ		3
HWC 205 Western Civilization II	3		HIST 112 Western Civ 2		3
HA 150 Western Art History I	3		ART 240 Art History I		3
			AIS 102 American Indian Issues		3
			AIS 110 Hist Native American Tribes		3
			AIS 312 American Indian Exp 20 <sup>th</sup> C		3
			AIS 321 Human Behav American Indian		3
			AIS 340 American Indian Poet		3
			AIS 341 American Indian Narratives		3
			AIS 343 American Indian Film		3
			AIS 344 American Indian Literature		3
			AIS 346 Philosophy in Indigenous Literature		3
			AIS 350 Foundations of Indigenous		3
			AIS 352 American Indian Drama		3
			AIS 410 American Indian Literature		3
			AIS 411 American Indian Literature		3
			TMGM 101 Intr Tribal Mgmt		3
			TMGM 201 Tribal/Federal Government		3
			TMGM 321 Indian Law and Legislation		3
			TMGM 330 Fund Tribal Sover		3

			TMGM 410 Tribal Resor/Econ Dev	3
			SW 110 Chemical Dependency and the Native American	3
			ENGL 212 American Indian Literature	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