

Haskell Indian Nations University

Transfer Program to University of Kansas

B.S. in Aerospace Engineering

Number to call at KU for advising: (785) 864-4267

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

Timely completion of prerequisite courses is imperative due to tight sequencing of major courses. Consult the KU catalog and seek KU advising early.

Transfer students must have at least a 2.5 GPA and proof of competency in Calculus.

Aerospace Engineering Requirements:

KU Course Requirements

Haskell Equivalents

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

MATHEMATICS					<u>Core</u>
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 290 Elementary Linear Algebra	2		No equivalent		
MATH 220 Differential Equations	3		MATH 227 Differential Equations	4	

NATURAL SCIENCES					<u>Core</u>
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
CHEM 130 Chemistry	5		CHEM 101 General Chemistry	5	GE12, GE3N

ECONOMICS- Choose one					<u>Core</u>
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

Humanities and Social Sciences depth requirement:

When Choosing Core Courses **TWO** courses must be from the same KU Department. This can be accomplished within the core outcomes: GE3H, GE3S, AE41 and AE42. For example: PHIL 160 (AE41) and PHIL 140 (GE3H)

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

Goal 3: Breadth of Knowledge (3 Units) -one from each category					
Arts & Humanities			GE3H		
			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
Natural Sciences			GE3N	
ASTR 191 Contemporary Astronomy	3		ASTR 101 Astronomy	3
BIOL 100/102 Principals of Biology	3		BIOL 103 General Biology with Lab	5
BIOL 150 Prn Molecular/Cellular	5		BIOL 121 Princ of Molecular & Cellular Biology	5
BIOL 152 Princ of Organismal Biology	5		BIOL 122 Princ of Organismal Biology	5
BIOL 200/203 Microbiology	5		BIOL 260 Microbiology	5
			BIOL 220 Botany	5
CHEM 130 Chemistry	5		CHEM 101 General Chemistry	5
CHEM 135 Chemistry 2	5		CHEM 102 General Chemistry 2	5
EVRN 148 Scientic Princ Envrn Study	3		ENVS 103 Intro to Environmental Sciences	3
PHSX 211 General Physics	4		PHYS 211 College Physics	5
PHSX 212 General Physics 2	4		PHYS 212 College Physics 2	5
GEOG 104 Princ Physic Geography	5		GEOG 104 Intro to Physical Geography	3
			PSCI 100 Physical Science	5
Social Sciences			GE3S	
COMS 244 Intr Personal Comm	3		COMS 226 Interpersonal Communication	3
ECON 142 Princ of Microeconomics	3		ECON 201 Princ of Microeconomics	3
ECON 144 Princ of Macroeconomics	3		ECON 202 Princ of Macroeconomics	3
PSYC 104 General Psychology	3		PSYC 101 General Psychology	3
SOC 104 Elements of Sociology	3		SOC 101 Intro to Sociology	3
METL 211 Jewelry	3		ART 150 Silverworking Techniques	3
JOUR 101 Media and Society	3		MCM 231 Intro to Mass Communication	3
SW 220 Soc Work, Soc Welfare and US Society	3		SW 201 Social Welfare and Society	3
			SW 110 Chemical Dependency and the Native American	3
SOC 220 Sociology of Families	3		SOC 201 Marriage and Family	3

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

Outcome 1			AE41	
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
Outcome 2			AE42	
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 th 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