

Colby Community College

Transfer Program to University of Kansas

Architecture, Civil and Environmental Engineering

Number to call at KU for advising: (785) 864-3766

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

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.

Requirements (all students):

Architectural Engineering:

KU Course Requirements					Colby Equivalents
ENGLISH (2 courses)					<u>Core</u>
ENGL 101 Composition	3		EN 176 English Composition	3	GE21
ENGL 102 Critical Reading and Writing	3		EN 177 English Composition 2	3	GE21
MATHEMATICS					<u>Core</u>
MATH 125 Calculus	4		MA 220 Analytical Geometry & Calculus	5	GE12
MATH 126 Calculus 2	4		MA 230 Analytical Geometry & Calculus	5	
MATH 127 Calculus 3	4		MA 240 Analytical Geometry & Calculus	5	
MATH 220 Differential Equations	3		No Equivalent		
MATH 290 Elementary Linear Algebra	2		No Equivalent		
NATURAL SCIENCES					<u>Core</u>
PHSX 211 & 216 Engineering Physics	5		PH 208 Engineering Physics	5	GE3N, GE11, GE12
PHSX 212 & 236 Engineering Physics	4		PH 228 Engineering Physics 2	5	GE3N
CHEM 130 Chemistry	5		CH 177 Chemistry (w/lab)	5	GE12, GE3N
COMMUNICATION					<u>Core</u>
COMS 130 Public Speaking	3		SP 101 or 176 Fundamentals Of Oral Com	3	GE22

Civil Engineering:

KU Course Requirements					Colby Equivalents
ENGLISH (2 courses)					<u>Core</u>
ENGL 101 Composition	3		EN 176 English Composition	3	GE21
ENGL 102 Critical Reading and Writing	3		EN 177 English Composition 2	3	GE21
MATHEMATICS					<u>Core</u>
MATH 125 Calculus	4		MA 220 Analytical Geometry & Calculus	5	GE12
MATH 126 Calculus 2	4		MA 230 Analytical Geometry & Calculus	5	
MATH 127 Calculus 3	4		MA 240 Analytical Geometry & Calculus	5	
MATH 220 Differential Equations	3		No Equivalent		
MATH 290 Elementary Linear Algebra	2		No Equivalent		
NATURAL SCIENCES					<u>Core</u>
PHSX 211 & 216 Engineering Physics	5		PH 208 Engineering Physics	5	GE3N, GE11, GE12
PHSX 212 & 236 Engineering Physics	4		PH 228 Engineering Physics 2	5	GE3N
Chemistry: Students may take the 2 courses below or wait and take CHEM 150 Chemistry for Engineers at KU					
CHEM 130 Chemistry	5		CH 177 Chemistry (w/lab)	5	GE12, GE3N

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CHEM 135 Chemistry 2	5		CH 178 Chemistry 2 (w/lab)	5	GE3N
Choose One:					
CHEM S330 & S331 Organic Chemistry	5		CH 225 Organic Chemistry 1	5	
GEOG 104 & 105 Princ Physic Geography			No Equivalent		GE3N
GEOL 101 How the World Works	3		No Equivalent		GE3N

COMMUNICATION					Core
COMS 130 Public Speaking	3		SP 101 or 176 Fundamentals Of Oral Com	3	GE22

ECONOMICS -Choose one:					Core
ECON 142 Princ of Microeconomics	3		EC 277 Principles Of Microeconomics	3	GE3S
ECON 144 Princ of Macroeconomics	3		EC 276 Principles Of Macroeconomics	3	GE3S

Civil Engineering (Environmental Concentration):

KU Course Requirements

Colby Equivalents

ENGLISH (2 courses)					Core
ENGL 101 Composition	3		EN 176 English Composition	3	GE21
ENGL 102 Critical Reading and Writing	3		EN 177 English Composition 2	3	GE21

MATHEMATICS					Core
MATH 125 Calculus	4		MA 220 Analytical Geometry & Calculus	5	GE12
MATH 126 Calculus 2	4		MA 230 Analytical Geometry & Calculus	5	
MATH 127 Calculus 3	4		MA 240 Analytical Geometry & Calculus	5	
MATH 220 Differential Equations	3		No Equivalent		
MATH 290 Elementary Linear Algebra	2		No Equivalent		

NATURAL SCIENCES					Core
PHSX 211 & 216 Engineering Physics	5		PH 208 Engineering Physics	5	GE3N, GE11, GE12
PHSX 212 & 236 Engineering Physics	4		PH 228 Engineering Physics 2	5	GE3N
Choose One:					
BIOL 200 Microbiology	3		BI 280 Microbiology	5	GE3N
ATMO 105 Meteorology	5		No Equivalent		GE3N
GEOL 101 How the World Works	3		No Equivalent		GE3N

COMMUNICATION					Core
COMS 130 Public Speaking	3		SP 101 or 176 Fundamentals Of Oral Com	3	GE22

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

Colby Equivalents

Goal 3: Breadth of Knowledge (3 Units) -one from each category				
Arts & Humanities (Not needed for Arch. Eng.)			GE3H	
			AR 175 Art Appreciation	3
ART 101 Drawing I	3		AR 103 Drawing I	3
REL 104 Intro to Religious Studies	3		RE 104 World Religions	3
			LI 176 World Literature	3
			EN 202 American Literature	3
			EN 203 American Literature 2	3
			EN 211 American Frontier Literature	3
			EN 215 American Short Story	3
			EN 217 Bible as Literature	3

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		RE 104 World Religions	3
ENGL 211 Intro to Drama	3	DR 208/EN 208 Intro To Dramatic Lit	3
PHIL 140 Intro to Philosophy	3	PI 101 Introduction To Philosophy	3
PHIL 148 Reason and Argument	3	PI 200 Philosophical Thought and Logic	3
PHIL 160 Ethics	3	PI 276 Intro to Ethics	3
THR 100 Intro to Theatre	3	DR 120 Theatre Appreciation	3
HA 150 Western Art History	3	AR 176 Art History	3
HIST 128 Hist US through Civil War	3	HI 176 American History To 1865	3
HIST 129 Hist of US After Civil War	3	HI 177 American History 1865 To Pres	3
HIST 115 Europe 1789-present	3	HI 122 Contemporary European History	3
		HI 140 History of Classical Cultures	3
		HI 104 World Civilization I	3
		HI 204 World Civilization II	3
HSES 244 History and Foundations of Physical Education	3	PE 198 History and Fdns of PE	3
Social Sciences (Not needed for Civil Engineering)		GE3S	
EPSY S305 Development and Learning of the Child	3	PS 280 Child Development	3
ANTH 108 Cultural Anthropology	3	AN 177 Cultural Anthropology	3
COMS 244 Intr Personal Comm	3	SP 106 Interpersonal Communications	3
ECON 142 Princ of Microeconomics	3	EC 277 Principles Of Microeconomics	3
ECON 144 Princ of Macroeconomics	3	EC 276 Principles Of Macroeconomics	3
JOUR 101 Media and Society	3	JO 165 Intro to Mass Media	3
POLS 110 Intro to US Politics	3	PO 176 American Government	3
PSYC 104 General Psychology	3	PS 176 General Psychology	3
SOC 104 Elements of Sociology	3	SO 176 Intro To Sociology	3
		PS 276 Developmental Psychology	3
SOC 220 Sociology of Families	3	SO 182 Sociology Of Families	3
		BU 177 Human Relations	3
WGSS 101 Intro to Women, Gender and Sexuality Studies	3	SO 135 Women's Studies	3

Goal 4: Culture and Diversity (One Unit from each outcome)			
Outcome 1		AE41	
SOC 104 Elements of Sociology	3	SO 176 Intro To Sociology	3
SOC 160 Social Problems and American Values	3	SO 186 Social Problems	3
SOC 220 Sociology of Families	3	SO 182 Sociology of Families	3
WGSS 101 Intro to Women, Gender and Sexuality St	3	SO 185 Women's Studies	3
Outcome 2 (Not needed for Architectural Eng.)		AE42	
		AR 101 Art Survey	3
HA 150 Western Art History I	3	AR 176 Art History I	3
REL 104 Intro to Religious Studies	3	RE 104 World Religions	3
GEOG 100 World Regional Geography	3	GE 176 World Regional Geography	3
ANTH 108 Cultural Anthropology	3	AN 177 Cultural Anthropology	3
		AN 176 Native American Cultures	3
		LI 176 World Literature	3
		RE 104 World Religions	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