

**BUTLER COUNTY COMMUNITY COLLEGE
TRANSFER PROGRAM TO THE UNIVERSITY OF KANSAS
B.S. IN 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 the KU catalog and seek KU advising early.

Sixty-four credit hours may be transferred to KU from community colleges. Transfer students must have at least a 2.5 GPA and proof of competency in Calculus.

KU Course Requirements

Butler County Course Equivalents

ENGLISH (6 hours)			
ENGL 101 COMPOSITION	3	EG 100 ENGLISH COMPOSITION I W/ REVIEW	5
		EG 101 ENGLISH COMPOSITION I	3
ENGL 102 CRITICAL READING & WRITING	3	EG 102 ENGLISH COMPOSITION II	3

GENERAL EDUCATION COMPONENT ELECTIVES (15 hours)

A MINIMUM OF THREE CREDITS FROM EACH OF THE FIVE GROUPS IS REQUIRED.

ECONOMICS elective (3 hours)			
ECON 104 INTRO ECONOMICS	4	NO EQUIVALENT	3
ECON 142 PRINC OF MICROECONOMICS	3	EC 200 PRINCIPLES OF MICROECONOMICS	3
ECON 143 PRINC OF MICROECON (HON)	3	NO EQUIVALENT	
ECON 144 PRINC OF MACROECONOMICS	3	EC 201 PRINCIPLES OF MACROECONOMICS	3
ECON 145 PRINC OF MACROECON (HON)	3	NO EQUIVALENT	
COMMUNICATION elective (3 hours)			
COMS 130 SPKR-AUD COMMUNICATION	3	SP 100 PUBLIC SPEAKING	3
COMS 131 SPKR-AUD COMM (HONRS)	3	NO EQUIVALENT	
COMS 150 PERSONAL COMMUNICATION	3	NO EQUIVALENT	
COMS 151 PERSONAL COMM (HONRS)	3	NO EQUIVALENT	
COMS 230 FUNDAMENTALS OF DEBATE	3	NO EQUIVALENT	
ENGR 504 TECHNICAL WRITING FOR ENG	1-3	NO EQUIVALENT	
ENGR 514 ENGR COMM TO NON-TECH	3	NO EQUIVALENT	
ENGR 515 VERBAL COMM IN ENGR	1	NO EQUIVALENT	
ENGL 359 GRAMMR & USAGE FOR COMP	3	NO EQUIVALENT	
ENGL 360 ADVANCED COMPOSITION	3	NO EQUIVALENT	
ENGL 362 PROFESSIONAL WRITING	3	NO EQUIVALENT	
ENGL 385 DEVELOPMNT OF MOD ENGL	3	NO EQUIVALENT	
PHIL 148 REASON & ARGUMENT	3	NO EQUIVALENT	
CONTEMPORARY ISSUES elective (3 hours)			
Culture and Society (SC) courses, which are listed in the Principal Course Distribution Requirement in the Liberal Arts & Sciences section of the undergraduate catalog under Social Sciences and Social Sciences, Honors, plus the Political Science courses listed below			
POLS 110 INTRO TO U.S. POLITICS	3	PO 141 AMERICAN FEDERAL GOVERNMENT	3
POLS 111 INTRO TO U.S. POLITICS (HON)	3	NO EQUIVALENT	
POLS 150 INTRO TO COMPRTVE POLITCS	3	NO EQUIVALENT	
POLS 151 INTR TO COMPRTVE POL (HON)	3	NO EQUIVALENT	
POLS 170 INTRO TO INTERNATNL POLTC	3	PO 201 INTERNATIONAL RELATIONS	3
POLS 171 INTRO INTERNATL POL (HON)	3	NO EQUIVALENT	
POLS 210 CONTEMPRY ISSUES U.S. POLTC	3	NO EQUIVALENT	
ENVIRONMNTL CONCERN elect (3 hours)			
ATMO 525 AIR POLLUTION METEORLGY	3	NO EQUIVALENT	
BIOL 414 PRINCIPLES OF ECOLOGY	3	NO EQUIVALENT	
EVRN 320 ENVIRONMENTAL POLICY	3	NO EQUIVALENT	
GEOG 304 ENVIRONMENTAL CONVRSTN	3	NO EQUIVALENT	
GEOL 302 OCEANOGRAPHY	3	NO EQUIVALENT	
GEOL 351 ENVIRONMENTAL GEOLOGY	3	NO EQUIVALENT	
EHTICS elective (3 hours)			
PHIL 160 INTRO TO ETHICS	3	PL 291 ETHICS	3

PHIL 180 INTRO TO SOC & POLITICL PHIL	3		NO EQUIVALENT	
PHIL 360 MORAL ISSUES IN BUSINESS	3		NO EQUIVALENT	
PHIL 365 MORAL ISSUES IN PROFESSIONS	3		NO EQUIVALENT	
PHIL 375 MORAL ISSUES IN COMP TECH	3		NO EQUIVALENT	
PHIL 380 ENVIRONMENTAL ETHICS	3		NO EQUIVALENT	

MATHEMATICS (21 hours)				
MATH 121 CALCULUS I	5		MA 152 CALC II W/ ANALYTIC GEOMETRY	5
MATH 122 CALCULUS II	5		MA 253 Calc 3 w/ A Geometry	5
MATH 220 APPLIED DIFF. EQUATIONS	3		MA 260 DIFFERENTIAL EQUATIONS	3
MATH 290 LINEAR ALGEBRA	2		NO EQUIVALENT	
MATH 365 ELEMENTARY STATISTICS <u>OR</u>	3		MA 220 STATS. FOR MGT., LIFE, AND SOC SCI.	5
MATH 526 APPLIED MATH. STATISTICS.	3		NO EQUIVALENT	
M E 508 NUMERICAL METHODS	3		NO EQUIVALENT	

BASIC SCIENCES (13 hours)				
PHSX 211 GENERAL PHYSICS I	4		PH 251 PHYSICS I	5
PHSX 212 GENERAL PHYSICS II	4		PH 252 PHYSICS II	5
CHEM 125 COLLEGE CHEMISTRY	5		CH 105 BASIC CHEMISTRYI	5

COMPUTER SCIENCE (3 hours)				
M E 208 INTRO TO DIGITAL COMP MTHD	3		NO EQUIVALENT	

ENGINEERING				
57 hours of Engineering Sciences & Design			NO EQUIVALENT	

APPROVED ELECTIVES				
*Selected from an approved list in consultation with the adviser.				

NOTE: In order to graduate in four years, a student must transfer to KU after one year.

NOTE: Pass/Fail Policy. Only courses taken to fulfill English, Humanities, and Social Science requirements will be accepted with a "P" grade.

The requirements listed above are subject to annual change.