

**BUTLER COUNTY COMMUNITY COLLEGE
TRANSFER PROGRAM TO THE UNIVERSITY OF KANSAS
B.S. IN CIVIL ENGINEERING**

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

Website: <http://www.ceae.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

GENERAL EDUCATION COMPONENT (21-22 hours)			
ENGLISH (6 hours)			
ENGL 101 COMPOSITION	3	EG 100 ENGLISH COMPOSITION W/ REVIEW	5
		EG 101 ENGLISH COMPOSITION I	3
*ENGL 102 CRITICAL READING & WRITING	3	EG 102 ENGLISH COMPOSITION II	3
ORAL COMMUNICATIONS(3 hours)			
COMS 130 SPKR-AUD COMMUNICATION	3	SP 100 PUBLIC SPEAKING	3
ECONOMICS (3-4 hours)			
ECON 104 INTRODUCTORY ECONOMICS	4	NO EQUIVALENT	
ECON 142 PRINCIPL.OF MICROECONOMICS	3	EC 200 PRINCIPLES OF MICROECONOMICS	3
ECPM 144 PRINCIPL, OF MACROECONOMICS	3	EC 201 PRINCIPLES OF MACROECONOMICS	3
HUMANITIES AND SOCIAL SCIENCES (9 hours)			
One Humanities course, one Social Sciences course, and a third course from either Humanities or Social Sciences.			
HUMANITIES			
		EG 104 CREATIVE WRITING	3
		LT 201 INTRO TO LITERATURE I	3
		LT 204 INTRO TO POETRY	3
		LT 205 INTRO TO SHORT STORY	3
		LT 211 BRITISH LITERATURE I (ORIGINS-1784)	3
		LT 212 BRITISH LITERATURE II (1784-PRES)	3
		LT 215 AMERICAN LITERATURE I (COL-1865)	3
		LT 216 AMERICAN LITERATURE II (1865-PRES)	3
		LT 218 SHAKESPEARE	3
		LIT 260 CHILDREN'S LITERATURE	3
		HS 121 HISTORY OF WESTERN CIV I	3
		HS 122 HISTORY OF WESTERN CIV II	3
		HS 131 U.S. HISTORY I	3
		HS 132 U.S. HISTORY II	3
		AR 100 ART APPRECIATION	3
		HS 123 HISTORY OF WESTERN CIV III	3
		HS 253 SELECTED TOPICS	3
		HU 100 HUM: ANCIENT TO MEDIEVAL	3
		HU 101 HUM: RENAISSANCE TO MODERN	3
		HU 110 HUMANITIES THROUGH THE ARTS	3
		MU 100 MUSIC APPRECIATION	3
		MU 202 INTRO TO CONTEMPORARY MUSIC	3
		MU 221 MUSIC HISTORY I	3
		MU 222 MUSIC HISTORY II	3
		MU 224 INTRO TO MUSIC HISTORY & LIT	3
		PL 290 PHILOSOPHY I	3
		PL 291 ETHICS	3

		RG 190 NEW TESTAMENT	3
		RG 191 OLD TESTAMENT	3
		RG 210 COMPARATIVE RELIGIONS	3
		TA 120 HISTORY OF AMERICAN CINEMA	3
		TA 206 INTRO TO THEATRE ART	3
SOCIAL SCIENCES			
		BS 106 INTRO TO ANTHROPOLOGY	3
		SC 120 PRINCIPLES OF GEOGRAPHY	3
		AJ 116 JUVENILE DELINQUENCY & JUSTICE	3
		BS 126 GERONTOLOGY	3
		BS 210 MARRIAGE & FAMILY	3
		BS 260 HUMAN GROWTH & DEVELOPMENT	3
		BS 270 CHILD PSYCHOLOGY	3
		PO 141 AMERICAN FEDERAL GOVERNMENT	3
		PO 142 STATE & LOCAL GOVERNMENT	3
		PO 201 INTERNATIONAL RELATIONS	3
		BS 103 HUMAN SEXUALITY	3
		BS 160 GENERAL PSYCHOLOGY	3
		BS 212 ABNORMAL PSYCHOLOGY	3
		AJ 102 INTRO TO ADMIN OF JUSTICE	3
		AJ 109 INTRO TO CORRECTIONS	3
		AJ 117 CRIMINAL BEHAVIOR	3
		AJ 204 CRIMINAL LAW	3
		AJ 212 CRIMINOLOGY	3
		AJ 213 CRIMINAL LAW & EVIDENCE	3
		BS 105 SOCIOLOGY	3
		BS 107 WOMEN & SOCIETY	3
		BS 110 CONTEMP SOCIAL PROBLEMS	3
		BS 220 MINORITY STUDIES	3
		BS 222 DEALING WITH DIVERSITY	3

BASIC SCIENCES (39 hours)			
MATHEMATICS (18 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 ELEMENTARY LINEAR ALGEBRA	2	NO EQUIVALENT	
C E 625 APPLCTNS OF STATS IN CIVIL ENGR	3	NO EQUIVALENT	
PHYSICS (8 hours)			
PHSX 211 GENERAL PHYSICS I	4	PH 251 PHYSICS I	5
PHSX 212 GENERAL PHYSICS II	4	PH 252 PHYSICS II	5
CHEMISTRY (10 hours)			
CHEM 184 FOUNDATIONS OF CHEMISTRY I	5	CH 110 COLLEGE CHEMISTRY I	5
CHEM 188 FOUNDATIONS OF CHEMISTRY II	5	CH 115 COLLEGE CHEMISTRY II	5
BASIC SCIENCE ELECTIVE (3hours)			
An additional 3 hours in basic science courses		Select ONE course from the following list:	
		BI 110 GENERAL BIOLOGY	5
		BI 120 MAJORS BIOLOGY I (ANIMAL)	5
		BI 130 MAJORS BIOLOGY II (PLANT)	5
		BI 226 ANATOMY & PHYSYLGY W/ REVIEW I	4
		BI 227 ANATOMY & PHYSYLGY W/ REVIEW II	4
		BI 240 ANATOMY & PHYSIOLOGY	5
		BI 250 MICROBIOLOGY	5
		CH 230 GENERAL ORGANIC CHEMISTRY	5
		CH 240 ORGANIC CHEMISTRY I	5
		CH 245 ORGANIC CHEMISTRY II	5
		EV 150 ENVIRONMENTAL ISSUES	3
		PH 103 DESCRIPTIVE ASTRONOMY	4

		PS 102 PHYSICAL GEOLOGY	4
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ENGINEERING SCIENCES			
C E 201 STATICS	2	EN 260 STATICS	3
C E 390 CIVIL ENGINEERING GRAPHICS	3	NO EQUIVALENT	
EECS 138 INTRO TO COMPUTING: C++ OR	3	NO EQUIVALENT	
C&PE 121 INTRO TO COMPTRS IN ENGINR	3	NO EQUIVALENT	
*An additional 36 hours of engineering sciences		NO EQUIVALENT	

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

NOTE: Pass/Fail policy. Only courses taken to fulfill English, Humanities, Social Sciences, or Oral Communication requirements will be accepted with a "P" grade.

The requirements listed above are subject to annual change.