

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

Number to call at KU for advising: (785) 864-4620

Website: <http://www.eecs.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 3.0 GPA and proof of competency in Calculus.

KU Course Requirements

Allen County Course Equivalents

ENGLISH (6 hours)			
ENGL 101 COMPOSITION	3	COL 101 ENGLISH COMPOSITION I	3
ENGL 102 CRITICAL READING & WRITING	3	COL 102 ENGLISH COMPOSITION II	3

COMMUNICATION (3 hours)			
COMS 130 SPKR-AUDI COMMUNICATION	3	COM 101 PUBLIC SPEAKING	3
ENGL 362 PROFESSIONAL WRITING	3	NO EQUIVALENT	

GENERAL EDUCATION COMPONENT (15 hours)
Chosen from the list of principal courses as defined by the College of Liberal Arts & Sciences. Up to six hours of foreign language may be used. Additionally, all Western Civ and non-Western culture courses can count as humanities courses.

HUMANITIES AND SOCIAL SCIENCES (12 hours)

HUMANITIES			
Historical Studies (HT)		ART 101 ART APPRECIATION	3
		HIS 108 AMERICAN HISTORY TO 1865	3
		HIS 109 AMERICAN HISTORY FROM 1865	3
		MUS 111 MUSIC APPRECIATION	3
Literature & the Arts (HL)		THE 222 THEATER APPRECIATION	3
Philosophy & Religion (HR)		HUM 105 ETHICS	3
		HUM 125 PHILOSOPHY	3
		HUM 130 NEW TESTAMENT	3
		HUM 131 OLD TESTAMENT	3
		HUM 135 WORLD RELIGIONS	3
SOCIAL SCIENCES			
Culture & Society (SC)		GEO 104 PRINCIPLES OF GEOGRAPHY	3
		SOC 102 SOCIOLOGY	3
		SOC 111 CULTURAL ANTHROPOLOGY	3
Individual Behavior (SI)		CCG 101 EARLY CHILDHOOD GRWTH & DEV	3
		PSY 101 GENERAL PSYCHOLOGY	3
		SPD 111 INTERPERSONAL COMMUNICATIONS	3
Public Affairs (SF)		ECO 207 MICROECONOMICS	3
		ECO 208 MACROECONOMICS	3
		POL 111 AMERICAN GOVERNMENT	3
		SOC 205 CONTEMP SOCIAL PROBLEMS	3
*ECONOMICS (3 hours)			
ECON 142 PRIN OF MICROECONMICS OR	3	ECO 207 MICROECONOMICS	3
ECON 144 PRIN OF MACROECONOMICS	3	ECO 208 MACROECONOMICS	3

*ECON 142 is preferred by the department.

GENERAL ELECTIVES (5-6)

One course (5 hrs) from the following list:

ENGINEERING ELECTIVE		PSC 201 STATICS	3
NATURAL SCIENCE ELECTIVE		BIO 102 PRINCIPLES OF BIOLOGY	5
		BIO 257 HUMAN ANATOMY & PHYSIOLOGY	5
		BIO 271 MICROBIOLOGY	5

		CHE 136 CHEMISTRY II	5
		CHE 265 ORGANIC CHEMISTRY I	5
		CHE 295 ORGANIC CHEMISTRY II	5
		PSC 154 PHYSICAL GEOLOGY	5
BUSINESS ELECTIVE		BUS 110 INTRO TO ACCOUNTING	3
		BUS 111 ACCOUNTING I	3
		BUS 112 ACCOUNTING II	3
		BUS 120 INTRO TO BUSINESS	3
		BUS 129 HUMAN RELATIONS IN BUSINESS	3
		BUS 205 SUPERVISORY MANAGEMENT	3
		BUS 212 MANAGERIAL ACCOUNTING	3
		BUS 221 BUSINESS LAW I	3
		BUS 222 BUSINESS LAW II	3
		BUS 275 PRINCIPLES OF MANAGEMENT	3
		BUS 278 MARKETING	3

MATHEMATICS (18-22 hours)			
MATH 121 CALCULUS I	5	MAT 125 CALC W/ ANALYTIC GEOMETRY II	5
MATH 122 CALCULUS II	5	MAT 225 CALC W/ ANALYTICE GEOMETRY III	5
MATH 220 APPLIED DIFF. EQUATIONS	3	NO EQUIVALENT	
MATH 290 ELEMENTARY LINEAR ALGEBR.	2	NO EQUIVALENT	
EECS 461 PROBABILITY & STATISTICS	3	NO EQUIVALENT	
EECS 210 DISCRETE STRUCTURES	4	NO EQUIVALENT	5

BASIC SCIENCE (17 hours)			
PHSX 211 GENERAL PHYSICS I	4	PSC 204 ENGINEERING PHYSICS I	5
EECS 220 ELECTROMAGNETICS I	4	NO EQUIVALENT	
PHSX 313 GENERAL PHYSICS III	4	NO EQUIVALENT	
Natural Science Course (laboratory based)	5	Select ONE course from the following list:	
		CHE 136 CHEMISTRY II	5
		CHE 265 ORGANIC CHEMISTRY I	5
		CHE 295 ORGANIC CHEMISTRY II	5
		PSC 154 PHYSICAL GEOLOGY	5
		PSC 205 ENGINEERING PHYSICS II	5

ENGINEERING			
*63-64 hours of Engineering courses required		NO EQUIVALENT	

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

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

The requirements listed above are subject to annual change.