

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

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

Website: [www.eecs.ku.edu](http://www.eecs.ku.edu)

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 Equivalents**

**Barton County Equivalents**

<b>ENGLISH (9 HOURS)</b>			
ENGL 101 Composition	3	ENGL 1204 English Composition I	3
ENGL 102 Composition & Literature	3	ENGL 1206 English Composition II	3
ENGL 362 Professional Tech Writing (Strongly recommended as the third course)	3	No Equivalent	
<b>OR A 200-LEVEL ENGLISH COURSE</b>	3	LITR 1210 Intro To Literature	3
		LITR 1212 The Short Story	3
		LITR 1214 The Novel	3
		LITR 1215 World Literature	3
		LITR 1218 American Literature To 1865	3
		LITR 1220 American Lit 1865 To Present	3
		LITR 1226 Intro To Poetry	3
		LITR 1228 Intro To Drama	3

**COMMUNICATION (3 HOURS)**

Exemption is granted through the Communication Studies department for one year of high school speech or debate with a grade of "B" or better or for an approved special experiences petition

COMS 130 Spkr-Auid Communctn	3	COMM 1230 Public Speaking	3
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**ETHICS (3 hours)**

PHIL 375 Morl Issues In Comptr Tech	3	No Equivalent	
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**HUMANITIES AND SOCIAL SCIENCE ELECTIVES (18 HOURS)**

**HUMANITIES (9 HOURS)**

Three humanities courses selected from at least two different Principle Departments

<b>Historical Studies (HT)</b>		ANTH 1824 Archaeology	3
		ARTS 1200 Art Appreciation	3
		ARTS 1201 Art History Survey I	3
		ARTS 1208 History & Criticism Of Art I	3
		HIST 1400 American History To 1877	3
		HIST 1401 American History 1865 To Pres	3
		HIST 1402 American Hist 1877-Present	3
		HIST 1403 American History To 1865	3
		HIST 1412 Contemporary Europe	3
		HIST 1414 19th Centutry Europe	3
		MUSI 1002 Intro To Music	3
<b>Literature &amp; the Arts (HL)</b>		LITR 1215 World Literature	3
		THEA 1300 Intro To Theatre	3
		THEA 1315 Intro To Film	3
<b>Philosophy &amp; Religion (HR)</b>		PHIL 1602 Intro To Philosophy	3
		PHIL 1604 Systematic Ethics	3
		PHIL 1606 Humanity/Ethic Dec Making	3

**SOCIAL SCIENCES (9 HOURS)**

Three Social Science courses selected from at least two different Principle Departments

<b>Society &amp; Culture (SC)</b>		ANTH 1812 Intro To Anthropology	3
		ANTH 1816 Cultural Anthropology	3
		ANTH 1818 Peoples Of Africa	3
		ANTH 1819 World & Region Geography	3
		COMM 1220 Organizational Comm	3

		HIST 1425 Women & The American Exp	3
		SOCI 1100 Intro To Sociology	3
<b>Individual Behavior (SI)</b>		COMM 1200 Interpersonal Comm	3
		COMM 1208 Communications Disorders	3
		HOME 1520 Human Growth/DevelpMNT	3
		PSYC 1000 General Psychology	3
		PSYC 1001 General Psychology Honors	3
		PSYC 1002 Human Relations	3
		PSYC 1014 Developmental Psychology	3
		PSYC 1034 Theories Of PersonalITy	3
<b>Public Affairs (SF)</b>		ECON 1607 Intro To Economics	3
		ECON 1610 Prin Of Macroeconomics	3
		ECON 1612 Prin Of Microeconomics	3
		POLS 1800 Government Of The U.S.	3
		POLS 1801 Intro To Political Science	3
		POLS 1804 International Relations	3
		POLS 1828 State & Local Government	3
		SOCI 1104 Contemporary Social Prblms	3

**PROFESSIONAL ELECTIVE (3 hours)**

One course in Engineering, Natural Science, Math, or Business from the list of approved courses in the KU catalog

<b>Engineering</b>		No Equivalent	
<b>Natural Science</b>		LIFE 1402 Principles Of Biology	5
		LIFE 1406 Principles Of Botany	5
		LIFE 1410 Principles Of Zoology	5
		LIFE 1412 Principles Of Microbiology	5
		LIFE 1413 Environmental Science	3
		PHSC 1406 Meteorology	3
		CHEM 1802 Fundmntl Of General Chem	5
		PHSC 1400 Physical Science	5
		PHSC 1408 Astronomy	3
<b>Math</b>		No Equivalent	
<b>Business</b>		ANY transferrable BSTC course	

**MATHEMATICS (22 HOURS)**

MATH 121 Calculus I	5	MATH 1834 Anal Geom & Calc 2	5
MATH 122 Calculus II	5	MATH 1836 Analytic Geometry & Calculus 3	5
MATH 223 Vector Calculus	3	No Equivalent	
MATH 290 Linear Algebra	2	No Equivalent	
EECS 210 Discrete Structures	4	No Equivalent	
MATH 526 Applied Math Stats I	3	No Equivalent	

**BASIC SCIENCE (11 HOURS)**

PHSX 211 General Physics I	4	Phys 1604 Physics I	5
PHSX 212 General Physics II	4	PHYS 1606 Physics 2	5
<b>Science Elective (one course, minimum of 3 hours) chosen from the following list:</b>			
BIOL 150 Princ Of Molecular Biology	5	No Equivalent	
BIOL 152 Princ Of Organismal Biol	5	No Equivalent	
CHEM 184 Foundations Of Chem I	5	CHEM 1806 College Chemistry I	5
CHEM 188 Foundations Of Chem II	5	CHEM 1808 College Chemistry 2	5
GEOG 104 & 105 Physical Geog & Lab	5	PHSC 1404 Physical Geography	5
GEOG 304 Environmental Conserv	3	PHSC 1410 Conservation Nat Resources	3
GEOL 101 Intro To Geology	3	PHSC 1402 Intro To Geology	5

**COMPUTER SCIENCE (59 HOURS)**

		No Equivalent	
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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.