



The Associate of Arts degree (A.A.) at JCCC is a general transfer degree and partners well with the first two years of most bachelor degree programs. Students pursuing the A.A. may select courses that satisfy both the AA degree requirements and lower division requirements for a bachelor’s degree at four-year institutions. The elective hours within the A.A. allow students to complete additional general education and lower division courses required for specific majors. The A.A. degree requires completion of 60 credit hours; please see [JCCC A.A. degree requirements](#). Meeting with a JCCC counselor is strongly recommended for selection of appropriate courses.

- The College of Liberal Arts and Sciences: KU’s largest academic unit with 53 departments and programs. The minimum number of hours for a BA is 120.
- Credit/No Credit option is not available for any course that may satisfy major or minor requirements.
- Transfer Grades of “D”: Not accepted toward any degree in the College of Liberal Arts and Sciences: BA, or BS.
- Effective Fall 2024: Students transferring to KU, with an AA, AFA or AS degree from JCCC will be considered to have satisfied KU’s Core 34 general education curriculum.
- Effective Fall 2024: Students who transfer to KU, without completing AA, AFA or AS degree will have courses evaluated on a course-by-course basis toward meeting KU requirements. To learn more about courses that satisfy KU Core 34 requirements visit: <https://catalog.ku.edu/core34/> and <https://credittransfer.ku.edu/>
- KU’s Core 34 General Education guide can be found here: <https://www.jccc.edu/student-resources/transfer/files/transfer-guides/ku-core-requirements.pdf>

KU Courses	Hrs	JCCC Courses	Hrs	KU Core 34
<b>KU Core 34</b>				
Core 34: English (two courses)	6	<a href="#">See KU Core 34 General Education guide</a>	3	ENG
Core 34: Communications	3	<a href="#">See KU Core 34 General Education guide</a>	3	CMS
Core 34: Math and Statistics	3	<a href="#">See KU Core 34 General Education guide</a>	3	MTS
Core 34: Natural and Physical Sciences	4-5	<a href="#">See KU Core 34 General Education guide</a>	4-5	NPS/NLEC/ NLAB
Core 34: Social and Behavior Science (Select two courses in two different disciplines)	6	<a href="#">See KU Core 34 General Education guide</a>	6	SBS
Core 34: Arts and Humanities (Select two courses in two different disciplines)	6	<a href="#">See KU Core 34 General Education guide</a>	6	AH
Core 34: US Culture – Institutionally Designated	3	<a href="#">See KU Core 34 General Education guide</a>	3	USC
Core 34: Global Culture – Institutionally Designated	3	<a href="#">See KU Core 34 General Education guide</a>	3	GLBC

**It is the STUDENT’S RESPONSIBILITY to check for updates to all transfer information. This transfer guide is provided as a service and is updated as needed. Degree requirements at the four-year colleges are subject to change by those institutions. To ensure you have the most accurate up to date information about the program, it is imperative you meet with an advisor at the transfer institution.**

The courses listed below are **REQUIRED** for degrees from the College of Liberal Arts and Sciences. These courses **MAY** be taken to complete the **KU Core 34**, but if they are not, this additional coursework is necessary to complete degree requirements. Also, students must satisfy the major requirements of the degree they are pursuing (listed below).

**B.A. (Bachelor of Arts) ONLY requires:** Writing; Quantitative Reasoning; Laboratory or Field Experience; and Non-English Language Proficiency – requirements listed below:

**Writing (6 hours)**

KU Classes	Hrs	JCCC Classes	Hrs	KU Core 34
ENGL 101 Composition <b>OR</b>	3	ENGL 121 Composition I*	3	ENG
ENGL 105 Honors Intro to English <b>AND</b>	3	ENGL 121 Composition I*	3	ENG
ENGL 102 Critical Reading & Writing	3	ENGL 122 Composition II*	3	ENG

**Quantitative Reasoning (3 hours)** A single course cannot count for both the BA Quantitative Reasoning requirement and the KU Core 34 Math and Statistics requirement.

KU Classes	Hrs	JCCC Classes	Hrs	KU Core 34
CHEM 130 General Chemistry I <b>OR</b>	5	CHEM 124/125 General Chemistry I*/Lab*	4/1	NPS/NLEC/ NLAB
CHEM 190 Foundations of Chemistry I, Honors	3			
CHEM 135 General Chemistry II <b>OR</b>	5	CHEM 131/132 General Chemistry II*/Lab*	4/1	NPS/NLEC/ NLAB
CHEM 195 Foundations of Chemistry II, Honors	3			
ECON 104 Introductory Economics <b>OR</b>	4	ECON 132 Survey of Economics	3	SBS
ECON 105 Introductory Economics, Honors	4			
ECON 144 Principles of Macroeconomics <b>OR</b>	3	ECON 230 Principles of Macroeconomics	3	SBS
ECON 145 Principles of Macroeconomics, Honors	3			
ECON 142 Principles of Microeconomics <b>OR</b>	3	ECON 231 Principles of Microeconomics	3	SBS
ECON 143 Principles of Microeconomics, Honors	3			
MATH 101 College Algebra	3	MATH 171 College Algebra*	3	MTS
MATH 104 Precalculus Mathematics	5	MATH 173 Precalculus*	5	MTS
MATH 365 Elementary Statistics	3	MATH 181 Statistics*	3	MTS
MATH 115 Calculus I	3	MATH 231 Business and Applied Calculus I*	3	MTS
MATH 116 Calculus II	3	MATH 232 Business and Applied Calculus II*	3	N/A
MATH 125 Calculus I	4	MATH 241 Calculus I*	5	MTS
PHSX 114 College Physics I	1-4	PHYS 130 College Physics I*	5	NPS/NLEC/ NLAB
PHSX 211 General Physics I	1-4	PHYS 220 Engineering Physics I*	5	NPS/NLEC/ NLAB
PSYC 210 Statistics in Psychological Research	3	PSYC 209 Statistics in Psychological Research*	3	MTS

**Psychology B.A./B.G.S. Please Note:** B.A. students satisfy KU Core 34: Math and Statistics (MTS) and the additional quantitative reasoning component in the B.A. degree-specific requirements by taking JCCC MATH 171 and JCCC PSYC 209. JCCC PSYC 209 also counts toward the major. Though B.G.S. students do not have an additional quantitative reasoning component, they must also take both courses as JCCC MATH 171 is the prerequisite for JCCC PSYC 209 and JCCC PSYC 210, which are required for the major.

**Laboratory or Field Experience** - Variable credits. One laboratory science (at least one credit hour) is required for the B.A. degree. Courses that fulfill this requirement will contain the code “LFE” in the course description.

<b>KU Classes</b>	<b>Hrs</b>	<b>JCCC Classes</b>	<b>Hrs</b>	<b>KU Core 34</b>
ASTR 191/196 Contemporary Astronomy/Lab	3/1	ASTR 122 Astronomy	4	NPS/NLEC/NLAB
BIOL 100/102 Principles of Biology/Lab	3/1	BIOL 121 Introductory Biology for Non-Majors	4	NPS/NLEC/NLAB
BIOL 150/154 Principles of Molecular and Cellular Biology/Lab	3/1	BIOL 135 Principles of Cell & Molecular Biology	4	NPS/NLEC/NLAB
BIOL 152 Principles of Organismal Biology	3	BIOL 150 Biology of Organisms*	5	NPS/NLEC/NLAB
BIOL 200/203 Basic Microbiology/Lab	3/2	BIOL 230/231 Microbiology*/Lab*	3/2	NPS/NLEC/NLAB
EVRN 140 Global Environment I: The Discovery of Environmental Change	3	EVRN 130/131 Environmental Science/Lab*	3/1	NPS/NLEC/NLAB
GEOG 104/105 Introduction to Physical Geography/Lab	3/2	GEOS 140/141 Physical Geography/Lab*	5	NPS/NLEC/NLAB
PHSX 114 College Physics I	4	PHYS 130 College Physics I*	5	NPS/NLEC/NLAB
PHSX 211/216 General Physics I/Lab	4/1	PHYS 220 Engineering Physics I*	5	NPS/NLEC/NLAB
PHSX 212/236 General Physics II/Lab	3/1	PHYS 221 Engineering Physics II*	5	NPS/NLEC/NLAB
CHEM 110 Introductory Chemistry	5	CHEM 122 Principles of Chemistry*	5	NPS/NLEC/NLAB
CHEM 130 General Chemistry I	5	CHEM 124/125 General Chemistry I*/Lab*	4/1	NPS/NLEC/NLAB
CHEM 135 General Chemistry II	5	CHEM 131/132 General Chemistry II*/Lab*	4/1	NPS/NLEC/NLAB

**Non-English Language** – Variable credits. Students must demonstrate fourth semester proficiency in a single non-English language, or third semester proficiency in a first non-English language and first semester proficiency in a second non-English language. This requirement may be met through coursework or examination by the appropriate language department. (BA only)

See the complete list of JCCC Foreign Language courses, click [here](#).

Check with JCCC Counselor for placement into appropriate courses and course offerings per semester at KU.

<b>KU Classes</b>	<b>Hrs</b>	<b>JCCC Classes</b>	<b>Hrs</b>	<b>KU Core 34</b>
GERM 104 Elementary German I	5	FL 120 Elementary German I	5	GLBC
GERM 108 Elementary German II	5	FL 121 Elementary German II*	5	GLBC
SPAN 104 Elementary Spanish I	5	FL 130 Elementary Spanish I	5	AH
SPAN 108 Elementary Spanish II	5	FL 131 Elementary Spanish II*	5	AH
FREN 110 Elementary French I	5	FL 140 Elementary French I	5	AH
FREN 120 Elementary French II	5	FL 141 Elementary French II*	5	AH
CHIN 104 Elementary Chinese I	5	FL 165 Elementary Chinese I	5	N/A
CHIN 108 Elementary Chinese II	5	FL 166 Elementary Chinese II*	5	N/A
JPN 104 Elementary Japanese I	5	FL 170 Elementary Japanese I	5	N/A
JPN 108 Elementary Japanese II	5	FL 171 Elementary Japanese II*	5	N/A
JPN 204 Intermediate Japanese I	5	FL 182 Intermediate Japanese I*	5	N/A
JPN 208 Intermediate Japanese II	5	FL 183 Intermediate Japanese II*	5	N/A
No KU equivalent but counts as CHIN U Intermediate Chinese	3	FL 192 Intermediate Chinese I*	3	N/A
CHIN 204 Intermediate Chinese I	5	FL 193 Intermediate Chinese II*	3	N/A
GERM 201 Intermediate German I	3	FL 220 Intermediate German I*	3	GLBC
GERM 202 Intermediate German II	3	FL 221 Intermediate German II*	3	GLBC
SPAN 212 Intermediate Spanish I	3	FL 230 Intermediate Spanish I*	3	AH
SPAN 216 Intermediate Spanish II	3	FL 231 Intermediate Spanish II*	3	GLBC
FREN 230 Intermediate French I	3	FL 240 Intermediate French I*	3	GLBC
FREN 240 Intermediate French II	3	FL 241 Intermediate French II*	3	GLBC

**Degree Requirements Available at JCCC for each major:**

<b>KU Course</b>	<b>JCCC Course</b>	<b>KU Core 34</b>
<b>African &amp; African-American Studies: BA</b>		
<i>Select two courses below:</i>		
AAAS 105 Introduction to African History	HIST 132 History of Africa ( <i>African concentration</i> )	GLBC
AAAS 104 Introduction to African-American Studies	HIST 137 African American Studies ( <i>African-American concentration</i> )	SBS
AAAS 102 Arabic and Islamic Studies	HIST 150 Islam: Religion and Civilization ( <i>Arabic &amp; Islamic Studies concentration</i> )	SBS
<b>Anthropology: BA (Concentration in General, Archaeology, Biological or Sociocultural)</b>		
No KU equivalent but counts as ANTH NB <b>OR</b> ANTH 160 The Varieties of Human Experience	ANTH 126 Physical Anthropology <b>OR</b> ANTH 130 World Cultures	N/A GLBC
ANTH 108 Intro to Cultural Anthropology	ANTH 125 Cultural Anthropology	SBS
ANTH 110 Intro to Archaeology	ANTH 144 Archaeology	SBS
<b>Astronomy: BA, BS</b>		
CHEM 130 General Chemistry I ( <i>BA &amp; BS</i> )	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
EECS 168 Programming I ( <i>BS</i> )	CS 200 Concepts Programming Algorithms Using C++*	N/A
MATH 125 Calculus I ( <i>BA &amp; BS</i> )	MATH 241 Calculus I*	MTS
MATH 126 Calculus II ( <i>BA &amp; BS</i> )	MATH 242 Calculus II*	N/A
MATH 127 Calculus III ( <i>BS</i> )	MATH 243 Calculus III*	N/A
MATH 290 Elementary Linear Algebra ( <i>BS</i> )	MATH 246 Elementary Linear Algebra*	N/A
MATH 220 Applied Differential Equations ( <i>BS</i> )	MATH 254 Differential Equations*	N/A
PHSX 211/216 General Physics I/Lab ( <i>BA &amp; BS</i> )	PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB
PHSX 212/236 General Physics II/Lab ( <i>BA &amp; BS</i> )	PHYS 221 Engineering Physics II*	NPS/NLEC/NLAB
<b>Atmospheric Science: BS (Concentrations in General Meteorology, Air Pollution, Hydrometeorology, News Media Forecasting)</b>		
CHEM 130 General Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
MATH 125 Calculus I	MATH 241 Calculus I*	MTS
MATH 126 Calculus II	MATH 242 Calculus II*	N/A
MATH 290 Elementary Linear Algebra	MATH 246 Elementary Linear Algebra*	N/A
MATH 220 Applied Differential Equations	MATH 254 Differential Equations*	N/A
PHSX 114 College Physics I	PHYS 130 College Physics I*	NPS/NLEC/NLAB
PHSX 115 College Physics II	PHYS 131 College Physics II*	N/A
<b>Biochemistry: BA, BS</b>		
BIOL 150 Principles of Molecular & Cellular Biology	BIOL 135 Principles of Cell & Molecular Biology	
BIOL 152 Principles of Organismal Biology	BIOL 150 Biology of Organisms*	
CHEM 130 General Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
CHEM 135 General Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	
CHEM 330/331 Organic Chemistry I/Lab	CHEM 220 Organic Chemistry I*	
CHEM 335/336 Organic Chemistry II/Lab	CHEM 221 Organic Chemistry II*	
MATH 115 Calculus I <b>OR</b> MATH 125 Calculus I ( <i>BS must take MATH 241</i> )	MATH 231 Business and Applied Calculus I* <b>OR</b> MATH 241 Calculus I*	MTS
MATH 116 Calculus II <b>OR</b> MATH 126 Calculus II ( <i>BS must take MATH 242/243</i> )	MATH 232 Business and Applied Calculus II* <b>OR</b> MATH 242 Calculus II*	N/A
MATH 127 Calculus III	MATH 243 Calculus III*	N/A
PHSX 114 College Physics I <b>OR</b> PHSX 211/216 General Physics I/Lab	PHYS 130 College Physics I* <b>OR</b> PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB B
PHSX 115 College Physics II <b>OR</b> PHSX 212/236 General Physics II/Lab	PHYS 131 College Physics II* <b>OR</b> PHYS 221 Engineering Physics II*	NPS/NLEC/NLAB B

<b>KU Course</b>	<b>JCCC Course</b>	<b>KU Core 34</b>
<b>Biology: BA</b>		
BIOL 150 Principles of Molecular & Cellular Biology	BIOL 135 Principles of Cell & Molecular Biology	NPS/NLEC/NLAB
BIOL 152 Principles of Organismal Biology	BIOL 150 Biology of Organisms*	NPS/NLEC/NLAB
CHEM 130 General Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
CHEM 135 General Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	NPS/NLEC/NLAB
CHEM 330/331 Organic Chemistry I/Lab	CHEM 220 Organic Chemistry I*	NPS/NLEC/NLAB
MATH 125 Calculus I <b>OR</b> MATH 115 Calculus I	MATH 241 Calculus I* <b>OR</b> MATH 231 Business and Applied Calculus I*	MTS
PHSX 114 College Physics I <b>OR</b> PHSX 211/216 General Physics I/Lab	PHYS 130 College Physics I* <b>OR</b> PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB
PHSX 115 College Physics II <b>OR</b> PHSX 212/236 General Physics II/Lab	PHYS 131 College Physics II* <b>OR</b> PHYS 221 Engineering Physics II*	NPS/NLEC/NLAB
<b>Chemistry: BA (Biological Chemistry)</b>		
CHEM 130 General Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
CHEM 135 General Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	NPS/NLEC/NLAB
CHEM 330/331 Organic Chemistry I/Lab	CHEM 220 Organic Chemistry I*	NPS/NLEC/NLAB
CHEM 335/336 Organic Chemistry II/Lab (Biological)	CHEM 221 Organic Chemistry II*	N/A
MATH 115 Calculus I	MATH 231 Business and Applied Calculus I*	MTS
MATH 116 Calculus II	MATH 232 Business and Applied Calculus II*	N/A
PHSX 114 College Physics I <b>OR</b> PHSX 211/216 General Physics I/Lab	PHYS 130 College Physics I* <b>OR</b> PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB
PHSX 115 College Physics II <b>OR</b> PHSX 212/236 General Physics II/Lab	PHYS 131 College Physics II* <b>OR</b> PHYS 221 Engineering Physics II*	NPS/NLEC/NLAB
<b>Chemistry: BS (Chemical Physics, Biological Chemistry)</b>		
CHEM 130 General Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
CHEM 135 General Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	NPS/NLEC/NLAB
CHEM 330/331 Organic Chemistry I/Lab	CHEM 220 Organic Chemistry I*	NPS/NLEC/NLAB
CHEM 335/336 Organic Chemistry II/Lab	CHEM 221 Organic Chemistry II*	N/A
MATH 125 Calculus I	MATH 241 Calculus I*	MTS
MATH 126 Calculus II	MATH 242 Calculus II*	N/A
MATH 127 Calculus III	MATH 243 Calculus III*	N/A
MATH 290 Elementary Linear Algebra <i>Additional for Chemical Physics concentration</i>	MATH 246 Elementary Linear Algebra*	N/A
MATH 220 Applied Differential Equations <i>Additional for Chemical Physics concentration</i>	MATH 254 Differential Equations*	N/A
PHSX 211/216 General Physics I/Lab	PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB
PHSX 212/236 General Physics II/Lab	PHYS 221 Engineering Physics II*	NPS/NLEC/NLAB
<b>Classics: BA (Concentration in Archaeology &amp; Art, Classical Humanities, Classical Languages, Greek or Latin), BGS</b>		
CLSX 148 Greek and Roman Mythology	HUM 155 Classical Mythology	GLBC
<b>Communication Studies: BA</b>		
COMS 244 Introduction to Interpersonal Communication Theory	COMS 120 Interpersonal Communication	CMS
COMS 130 Speaker-Audience Communication	COMS 121 Public Speaking	CMS



KU Course	JCCC Course	KU Core 34
<b>East Asian Languages &amp; Cultures: BA (Concentration in Chinese Language &amp; Literature, Japanese Language &amp; Literature, East Asian Studies with Chinese Language, East Asian Studies with Japanese Language, East Asian Studies with Korean Language, Double Language concentration: Chinese &amp;/or Japanese &amp;/or Korean)</b>		
CHIN 104 Elementary Chinese I	FL 165 Elementary Chinese I	N/A
CHIN 108 Elementary Chinese II	FL 166 Elementary Chinese II*	N/A
JPN 104 Elementary Japanese I	FL 170 Elementary Japanese I	N/A
JPN 108 Elementary Japanese II	FL 171 Elementary Japanese II*	N/A
JPN 204 Intermediate Japanese I	FL 182 Intermediate Japanese I*	N/A
JPN 208 Intermediate Japanese II	FL 183 Intermediate Japanese II*	N/A
No KU equivalent but counts as CHIN U	FL 192 Intermediate Chinese I*	N/A
CHIN 204 Intermediate Chinese I	FL 193 Intermediate Chinese II*	N/A
<b>Economics: BA, BS</b>		
ECON 144 Principles of Macroeconomics	ECON 230 Principles of Macroeconomics	SBS
ECON 142 Principles of Microeconomics	ECON 231 Principles of Microeconomics	SBS
MATH 115 Calculus I <b>AND</b> MATH 116 Calculus II <b>OR</b> MATH 125 Calculus I <b>AND</b> MATH 126 Calculus II (BA requirement)	MATH 231 Business and Applied Calculus I* <b>AND</b> MATH 232 Business and Applied Calculus II* <b>OR</b> MATH 241 Calculus I* <b>AND</b> MATH 242 Calculus II*	MTS N/A MTS N/A
MATH 125 Calculus I <b>AND</b> MATH 126 Calculus II <b>AND</b> MATH 127 Calculus II (BS requirement)	MATH 241 Calculus I* <b>AND</b> MATH 242 Calculus II* <b>AND</b> MATH 243 Calculus III*	MTS N/A N/A
MATH 290 Elementary Linear Algebra	MATH 246 Elementary Linear Algebra*	N/A
<b>English: BA (Concentration in Creative Writing, and Literature, Culture, &amp; Rhetoric)</b>		
ENGL 101 Composition	ENGL 121 Composition I*	ENG
ENGL 102 Critical Reading and Writing	ENGL 122 Composition II*	ENG
ENGL 210 Introduction to Poetry <b>OR</b> ENGL 209 Introduction to Fiction	ENGL 227 Introduction to Poetry* <b>OR</b> ENGL 230 Introduction to Fiction	N/A
<b>Environmental Studies: BA, BS</b>		
BIOL 150 Prin of Molecular and Cellular Biology <b>AND</b> BIOL 154 Introductory Biology Lab for STEM Majors (BS only)	BIOL 135 Principles of Cell & Molecular Biology	NPS/NLEC/NLAB
BIOL 152 Principles of Organismal Biology (BS only)	BIOL 150 Biology of Organisms*	NPS/NLEC/NLAB
EVRN 140 Global Environment I: The Discovery of Environmental Change	EVRN 130/131 Environmental Science/Lab*	NPS/NLEC/NLAB
GEOG 104/105 Intro Phys. Geography/Lab (BS only)	GEOS 140/141 Physical Geography/Lab*	NPS/NLEC/NLAB
MATH 365 Elementary Statistics	MATH 181 Statistics*	MTS
MATH 115 Calculus I <b>AND</b> MATH 116 Calculus II <b>OR</b> MATH 125 Calculus I (BS only)	MATH 231 Business and Applied Calculus I* <b>AND</b> MATH 232 Business and Applied Calculus II* <b>OR</b> MATH 241 Calculus I*	MTS N/A MTS
CHEM 130 General Chemistry I (BS only)	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
CHEM 135 General Chemistry II (BS only)	CHEM 131/132 General Chemistry II*/Lab*	NPS/NLEC/NLAB

<b>KU Course</b>	<b>JCCC Course</b>	<b>KU Core 34</b>
<b>Film and Media Studies: BA</b>		
FMS 100 Introduction to Film and Media	FMS 100 Intro to Film	N/A
FMS 200 Film and Media Aesthetics	FMS 200 Intro to Filmmaking and Media Aesthetics	AH
FMS 275 Basic Video Production	FMS 275 Introduction to Film and Media Production*	N/A
<b>French, Francophone, and Italian Studies: BA</b>		
FREN 110 Elementary French I	FL 140 Elementary French I	AH
FREN 120 Elementary French II	FL 141 Elementary French II*	AH
FREN 230 Intermediate French I	FL 240 Intermediate French I*	GLBC
FREN 240 Intermediate French II	FL 241 Intermediate French II*	GLBC
<b>Geography: BA, BS (BS Concentrations - Geographical Information &amp; Analysis &amp; Physical Geography)</b>		
CHEM 130 General Chemistry I <i>BS Physical Geography only</i>	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
CHEM 135 General Chemistry II <i>BS Physical Geography only</i>	CHEM 131/132 General Chemistry II*/Lab*	NPS/NLEC/NLAB
GEOG 104/105 Intro to Physical Geography/Lab	GEOS 140/141 Physical Geography/Lab*	NPS/NLEC/NLAB
GEOG 100 World Regional Geography	GEOS 145 World Regional Geography	SBS
MATH 125 Calculus I <i>BS GIA &amp; Physical Geography only</i>	MATH 241 Calculus I*	MTS
MATH 126 Calculus II <i>BS GIA &amp; Physical Geography only</i>	MATH 242 Calculus II*	N/A
PHSX 114 College Physics I <b>AND</b> PHSX 115 College Physics II <b>OR</b> BIOL 150 Principles of Molecular and Cellular Biology <b>AND</b> BIOL 152 Principles of Organismal Biology <i>BS GIA only</i>	PHYS 130 College Physics I* <b>AND</b> PHYS 131 College Physics II* <b>OR</b> BIOL 135 Principles of Cell & Molecular Biology <b>AND</b> BIOL 150 Biology of Organisms*	NPS/NLEC/NLAB
PHSX 211/216 General Physics I/Lab <i>BS Physical Geography only</i>	PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB
PHSX 212/236 General Physics II/Lab <i>BS Physical Geography only</i>	PHYS 221 Engineering Physics II*	NPS/NLEC/NLAB
<b>Geology: BA (General Geology, Environmental Geology)</b>		
BIOL 100/102 Principles of Biology/Lab	BIOL 121 Introductory Biology for Non-Majors	NPS/NLEC/NLAB
CHEM 130 General Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
GEOL 101/103 The Way The Earth Works	GEOS 130 General Geology	NPS/NLEC/NLAB
MATH 125 Calculus I <b>OR</b> MATH 115 Calculus I	MATH 241 Calculus I* <b>OR</b> MATH 231 Business and Applied Calculus I*	MTS
PHSX 114 College Physics I <b>OR</b> PHSX 211/216 General Physics I/Lab	PHYS 130 College Physics I* <b>OR</b> PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB
<b>Geology: BS (Earth&amp; Space Science, Engineering Geology, Environmental Geology, Geophysics, General Geology)</b>		
CHEM 130 General Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
CHEM 135 General Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	NPS/NLEC/NLAB
GEOL 101/103 The Way The Earth Works	GEOS 130 General Geology	NPS/NLEC/NLAB

KU Course	JCCC Course	KU Core 34
<b>Geology: BS cont. (Earth&amp; Space Science, Engineering Geology, Environmental Geology (with a specialized track in Hydrogeology), Geophysics, General Geology) cont.</b>		
ASTR 191/196 Contemporary Astronomy/Lab <i>Earth &amp; Space Science Track</i>	ASTR 122 Astronomy	NPS/NLEC/NLAB
BIOL 150 Principles of Molecular and Cellular Biology <i>Environmental Geology Track</i>	BIOL 135 Principles of Cell & Molecular Biology	NPS/NLEC/NLAB
BIOL 152 Principles of Organismal Biology <i>General, Environmental Geology, and Earth &amp; Space Science Tracks</i>	BIOL 150 Biology of Organisms*	NPS/NLEC/NLAB
MATH 365 Elementary Statistics <i>Engineering Geology Track</i>	MATH 181 Statistics*	MTS
MATH 125 Calculus I <b>OR</b> MATH 115 Calculus I	MATH 241 Calculus I* <b>OR</b> MATH 231 Business and Applied Calculus I*	MTS
MATH 126 Calculus II	MATH 242 Calculus II*	N/A
MATH 220 Applied Differential Equations <i>Engineering Geology &amp; Hydrogeology Tracks</i>	MATH 254 Differential Equations*	N/A
MATH 290 Elementary Linear Algebra <i>Engineering Geology, Geophysics, and Hydrogeology Tracks</i>	MATH 246 Elementary Linear Algebra*	N/A
PHSX 211/216 General Physics I/Lab	PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB
PHSX 212/236 General Physics II/Lab	PHYS 221 Engineering Physics II*	NPS/NLEC/NLAB
<b>History: BA</b>		
Any 2 History Courses – Please note: only three courses numbered below 300+ can count towards a History BA degree.		
<b>Global and International Studies: BA (Concentration in Latin American &amp; Caribbean, European, and Middle East)</b>		
Foreign Language Requirement <b>Additional Language (3-5 hours/1 unit). Satisfied by:</b> Completion of one additional foreign language course (3 hours) beyond the 4th semester proficiency language requirement (300 level or above) or any available additional language course (3-5 hours).	See <a href="#">JCCC Foreign Language (FL)</a> course options and <a href="#">CredTran</a> for equivalent courses. Make sure to check language required for specific concentration at KU.	Depends on course
HIST 115 French Revolution to the Present: Europe 1789-Present <b>OR</b> HUM 205 Western Civilization II <i>European Concentration only</i>	HIST 130 European History Since 1789 <b>OR</b> HIST 126 Western Civilization: Scientific Revolution to the Modern Age	N/A  GLBC
AAAS 102 Arabic and Islamic Studies <i>Middle East Concentration only</i>	HIST 150 Islam: Religion and Civilization	SBS
<b>Mathematics: BA, BS</b>		
MATH 125 Calculus I ( <i>BA &amp; BS</i> )	MATH 241 Calculus I*	MTS
MATH 126 Calculus II ( <i>BA &amp; BS</i> )	MATH 242 Calculus II*	N/A
MATH 127 Calculus III ( <i>BA &amp; BS</i> )	MATH 243 Calculus III*	N/A
MATH 290 Elementary Linear Algebra ( <i>BA &amp; BS</i> )	MATH 246 Elementary Linear Algebra*	N/A
MATH 220 Applied Differential Equations ( <i>BS only</i> )	MATH 254 Differential Equations*	N/A
<b>Philosophy: BA</b>		
PHIL 140 Introduction to Philosophy	PHIL 121 Introduction to Philosophy	AH
PHIL 148 Reason and Argument	PHIL 124 Logic and Critical Thinking	AH
PHIL 160 Introduction to Ethics	PHIL 143 Ethics	AH



<b>KU Course</b>	<b>JCCC Course</b>	<b>KU Core 34</b>
<b>Physics: BA, BS</b>		
CHEM 130 General Chemistry I (required for Physics, BS and Computational Physics concentration for Physics, BA)	CHEM 124/125 General Chemistry I*/Lab*	NPS/NLEC/NLAB
MATH 125 Calculus I	MATH 241 Calculus I*	MTS
MATH 126 Calculus II	MATH 242 Calculus II*	N/A
MATH 127 Calculus III	MATH 243 Calculus III*	N/A
MATH 290 Elementary Linear Algebra	MATH 246 Elementary Linear Algebra*	N/A
MATH 220 Applied Differential Equations	MATH 254 Differential Equations*	N/A
PHSX 211/216 General Physics I/Lab	PHYS 220 Engineering Physics I*	NPS/NLEC/NLAB
PHSX 212/236 General Physics II/Lab	PHYS 221 Engineering Physics II*	NPS/NLEC/NLAB
<b>Political Science: BA</b>		
POLS 110 Introduction to U.S. Politics	POLS 124 American National Government	SBS
POLS 150 Intro to Comparative Politics <b>OR</b> POLS 170 Intro to International Politics	POLS 132 Intro to Comparative Government <b>OR</b> POLS 135 International Relations	SBS
<b>Psychology: BA</b>		
PSYC 104 General Psychology	PSYC 130 Introduction to Psychology	SBS
PSYC 210 Statistics in Psychological Research	PSYC 209 Statistics in Psychology Research*	N/A
PSYC 200 Research Methods in Psychology	PSYC 210 Research Methods in Psychology*	N/A
PSYC 333 Child Development	PSYC 215 Child Development*	N/A
<b>Public Administration: BA</b>		
PUAD 330 Intro to Public Administration	POLS 245 Introduction to Public Administration	N/A
<b>Religious Studies: BA</b>		
REL 106 Asian Religions	REL 125 Asian Religions	GLBC
REL 107 Jews, Christians, Muslims	REL 126 Religions of the West	GLBC
<b>Slavic, German, and Eurasian Studies: BA</b>		
GERM 104 Elementary German I	FL 120 Elementary German I	GLBC
GERM 108 Elementary German II	FL 121 Elementary German II*	GLBC
GERM 201 Intermediate German I	FL 220 Intermediate German I*	GLBC
GERM 202 Intermediate German II	FL 221 Intermediate German II*	GLBC
SLAV 140 Understanding Russia	HUM 137 Introduction to Russian Culture	GLBC
<b>Sociology: BA</b>		
SOC 104 Elements of Sociology	SOC 122 Introduction to Sociology	SBS
SOC 160 Social Problems and American Values	SOC 125 Social Problems	SBS
SOC 220 Sociology of Families	SOC 131 Sociology of Families	SBS
<b>Spanish: BA</b>		
SPAN 104 Elementary Spanish I	FL 130 Elementary Spanish I	AH
SPAN 108 Elementary Spanish II	FL 131 Elementary Spanish II*	AH
SPAN 212 Intermediate Spanish I	FL 230 Intermediate Spanish I*	AH
SPAN 216 Intermediate Spanish II	FL 231 Intermediate Spanish II*	GLBC

\* JCCC course has a prerequisite or corequisite.