











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 A.A. degree requirements and lower division requirements for a bachelor's degree at four-year institutions. The electives 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. The maximum number of hours from a community college that will be applied toward a bachelor's degree at most four-year schools is 64. Meeting with a JCCC counselor is strongly recommended for selection of appropriate courses.

- The College of Arts and Sciences is the home of the liberal arts and is the largest college at K-State, offering more than 115 degree programs. The liberal arts include physical and biological sciences, the fine arts, the social sciences, the humanities and the quantitative disciplines.
- Undergraduate degrees offered in the College of Arts and Sciences are: bachelor of arts, bachelor of fine arts, bachelor of music, bachelor of music education and bachelor of science.
- A minimum of 120 credit hours are required for graduation. Up to half of the credits required for the degree maybe accepted from a community college. Students must complete at least 30 resident credits to be considered for a degree. At least 20 of the last 30 hours must be completed at K-State.
- All K-State students, including transfer students, are required to successfully complete credit-bearing courses/experiences to complete the K-State 8 General Education Program requirements. For information, see <https://www.k-state.edu/kstate8/>. Transfer courses evaluated as equivalent to K-State 8 courses can be applied to meet K-State 8 requirements.
- Students should consult with a JCCC counselor when planning their transfer course work, particularly in the areas of humanities, social sciences, and natural sciences, to allow for the university general education course work that must be taken at K-State.

Worksheet to track JCCC courses that meet K-State 8 Tags

 Aesthetic Interpretation JCCC Course: _____	 Historical Perspectives JCCC Course: _____
 Empirical and Quantitative Reasoning JCCC Course: _____	 Human Diversity within the U.S. JCCC Course: _____
 Ethical Reasoning and Responsibility JCCC Course: _____	 Natural and Physical Sciences JCCC Course: _____
 Global Issues and Perspectives JCCC Course: _____	 Social Sciences JCCC Course: _____

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.

K-State College of Arts and Sciences General Education Requirements – B.A./B.S.
The major difference between the B.A. and the B.S. is the Foreign Language requirement for the B.A.
and the extra science class for the B.S. (see notes below in those specific sections)

K-State 8 noted in each section (courses with ^ indicate they do not fall into the same K-State 8 category as that section, refer to <https://www.k-state.edu/kstate8/> for additional tag.) Some courses have more than one tag, therefore, covering more than one K-State category with just one course. This list is primarily made up of courses that have an equivalent at K-State, but additional classes may substitute, along with corresponding tags, with prior approval from the College Dean’s office. For specific Arts and Sciences curriculum guides, go to <http://www.k-state.edu/careercenter/students/exploration/curriculumguides.html> or visit <https://go.k-state.edu/pathways> to view the pathways.

K-State Courses	Hours	JCCC Courses	Hours
English Composition (6 hours)			
ENGL 100 Expository Writing I	3	ENGL 121 Composition I*	3
ENGL 200 Expository Writing II	3	ENGL 122 Composition II*	3
Oral Communications (3 hours)			
COMM 106 Public Speaking I	3	COMS 121 Public Speaking	3
Humanities (4 courses) at least two credits per course, one from each area			
Fine Arts K-State 8 Aesthetic Interpretation	3	ART 124, 127*, 129, 130, 131*, 135, 136*, 138, 142, 143*, 145, 146*, 148, 149*, 172, 231*, 232*, 235*, 236*, 238*, OR 244*, ^^ ARTH180 or 182 MUS 121, 123, 141, 161*, 162*, 163*, 164*, 176*, 177*, 178*, 179*, 187*, 188*, 196*, 201*, 202*, 203*, 204* THEA 120, 121, 130*, 135, 136, 137, 140, 145, 230*, 232*, <i>^^not all ART courses have an equivalent course but are allowed to have this tag</i>	3
Philosophy K-State 8 Ethical Reasoning and Responsibility	3	PHIL 121, 143, 154, ^ OR 176	3
Western Heritage K-State 8 Historical Perspectives	3	ENGL 236*, 237*, OR 251* HIST - Any HIST course OR WGS 201^	3
Literary or Rhetorical Arts K-State 8 Aesthetic Interpretation	3	ENGL 130*, 205*, 214*, 215*, 217*, 223*, 227*, 244, 236, 237, 251*, 230*, 232*, 235*, 243*, OR COMS 180 ^	3

K-State Courses	Hours	JCCC Courses	Hours
Social Sciences - (4 courses required but only 3 from JCCC can be taken because one course must be at 500 level or above or carry a prerequisite in the same department.) Choose from three different disciplines as listed.			
Cultural Anthropology Economics Geography History Mass Communication Political Science Psychology Sociology K-State 8: There are several represented in this section, choose ones not already met in other sections, such as those with Human Diversity within the U.S. or Social Sciences tags.	9	ANTH 125, 142, or 144 ECON 132, 230, OR 231 GEOS 145 HIST - Any course with HIST prefix JOUR 120, or 125 POLS 122, 124, 126, 132, 135, 200, 245, or 270* PSYC 130, 215*, 220*, 250*, 291* CJ 121, 124, 127, 133, 141*, SOC 122, 125, 146, 291* WGS 201	9
Natural Sciences B.A. Degree: 3 courses/11 hours minimum B.S. Degree: 4 courses/14 hours minimum			
Life Sciences with lab	1 course		1 course
K-State 8 Natural and Physical Sciences Biochemistry Biology Physical Anthropology		CHEM 250 Biochemistry* BIOL- any BIOL prefix with lab No equivalent	
Physical Science with lab	1 course		1 course
K-State 8 Natural and Physical Sciences Biochemistry Chemistry Physical geography Geology Physics		PSCI 120 CHEM 250 Biochemistry* CHEM - any chem with lab* No equivalent GEOS 130 PHYS - Any physics with lab*	
Life or Physical Science - lab optional	1 course		1 course
K-State 8 Natural and Physical Sciences		Any life or physical science	
BS ONLY Science Course	1 course		1 course
K-State 8 Natural and Physical Sciences		One course (3 credit hour or more) with a prerequisite	
International Overlay- (1 course)			
Anthropology Communications Geography History Political Science Students may use the fourth course in a single foreign language sequence (other than Latin) to satisfy the international studies overlay requirement.	3	ANTH 125, 142, 144, 165, COMS 180 GEOS 145 HIST 151, 152, HUM 165 POLS 135 FL 221* FL 231* FL 241*	3

B.A. DEGREE ONLY			
K-State Courses	Hours	JCCC Courses	Hours
Mathematics - (1 course, 3 hours)			
Mathematics Empirical and Quantitative Reasoning	3	MATH 131*, 171*, 172*, 173*, 210*, 231*, 232*, 241*, 242*, 243*, 254* or higher	3
Foreign Language (4 basic courses, 15 -19 hours)			
Foreign Language K-State 8 Aesthetic Experiences and Interpretive Understanding and Global Issues and Perspectives	15-19	Any JCCC Spanish, French, Japanese, German, or Chinese sequence or equivalent competency	15-19

B.S. DEGREE ONLY			
K-State Courses	Hours	JCCC Courses	Hours
Quantitative and Abstract Formal Reasoning (Fulfill this requirement ONE of the following three ways)			
Empirical and Quantitative Reasoning College Algebra or higher AND Statistics AND Computer Science OR Physics AND Math OR Calculus	4-9	MATH 131* or higher AND MATH 181* or 285* AND CS 201*, 205*, 236* OR PHYS 130* AND MATH 172* OR MATH 241*	4-9

MAJOR SPECIFIC coursework available at JCCC - For complete K-State Curriculum Guides by major, go to:
<https://artsci.k-state.edu/student-resources/academics/majors/index.html>

KSU Course	JCCC Course	K-State 8 Category
Anthropology BA/BS		
ANTH 200 Intro to Culture Anthro. OR ANTH 204 A Gen Ed Intro to Culture Anthro.	ANTH 125 Cultural Anthropology No equivalent	Global Issues & Perspect./S.S.
ANTH 220 Intro to Linguistic Anthro.	ANTH 165 Linguistic Anthropology	Human Div./Social Sciences
ANTH 260 Introduction to Archeology	ANTH 142 World Prehistory OR ANTH 144 Archeology	Human Div./Social Sciences
Art BA		
ART 180 2-Dimensional Design	ART 124 Design 2D	Aesthetic Interpretation
ART 200 3-Dimensional Design	ART 127 3D Design*	Aesthetic Interpretation
ART 190 Drawing I	ART 130 Drawing I	Aesthetic Interpretation
ART 311 Drawing II	ART 131 Drawing II*	Aesthetic Interpretation
ART 195 Survey of Western Art History I	ARTH 180 Art History: Ancient to Medieval	A.I./Historical Perspectives
ART 196 Survey of Western Art History II	ARTH 182 Art History: Renaissance to Modern	A.I./Historical Perspectives
ART 545 Twentieth Century Art History I	ARTH 184 Art History: Twentieth Century	A.I./Historical Perspectives
Art History BA		
ART 180 2-Dimensional Design	ART 124 Design 2D	Aesthetic Interpretation
ART 200 3-Dimensional Design	ART 127 3D Design*	Aesthetic Interpretation
ART 190 Drawing I	ART 130 Drawing I	Aesthetic Interpretation
Any additional 2D or 3D course	Any additional 2D or 3D course	N/A
ART 195 Survey of Western Art History I	ARTH 180 Art History: Ancient to Medieval	A.I./Historical Perspectives
ART 196 Survey of Western Art History II	ARTH 182 Art History: Renaissance to Modern	A.I./Historical Perspectives

KSU Course	JCCC Course	K-State 8 Category
Biochemistry - BA or BS		
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
CHM 350/351 General Organic Chemistry/Lab	CHEM 220 Organic Chemistry I* OR CHEM 221 Organic Chemistry II*	Empirical & Quant./N&P Sci.
BIOCH 521 General Biochemistry	CHEM 250 Biochemistry *	Empirical & Quant./N&P Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
MATH 221 Analytic Geometry & Calculus II	MATH 242 Calculus II*	Empirical & Quant. Reason.
PHYS 113 General Physics I	PHYS 130 College Physics I*	Empirical & Quant./N&P Sci.
PHYS 114 General Physics II	PHYS 131 College Physics II*	Empirical & Quant./N&P Sci.
Biology BA/BS		
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
CHM 350/351 Gen. Org. Chem. I/Lab	CHEM 140 Prin. of Org & Biol Chem*	Empirical & Quant./N&P Sci.
BIOCH 521 General Biochemistry	CHEM 250 Biochemistry*	Empirical & Quant./N&P Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
BIOL 401 Organismic Biology	BIOL 150 Biology of Organisms*	Natural & Physical Sciences
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
PHYS 113 General Physics I	PHYS 130 College Physics I*	Empirical & Quant./N&P Sci.
PHYS 114 General Physics II	PHYS 131 College Physics II*	Empirical & Quant./N&P Sci.
Chemistry - BA/BS		
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
CHM 350/351 General Organic Chemistry/Lab	CHEM 220 Organic Chemistry I* OR CHEM 221 Organic Chemistry II*	Empirical & Quant./N&P Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
MATH 221 Analytic Geometry & Calculus II	MATH 242 Calculus II*	Empirical & Quant. Reason.
MATH 222 Analytic Geometry & Calculus III	MATH 243 Calculus III*	Empirical & Quant. Reason.
PHYS 213 Engineering Physics I	PHYS 220 Engineering Physics I*	Empirical & Quant./N&P Sci.
PHYS 214 Engineering Physics II	PHYS 221 Engineering Physics II*	Empirical & Quant./N&P Sci.
Chemical Science - BS		
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
CHM 350/351 General Organic Chemistry/Lab	CHEM 220 Organic Chemistry I* OR CHEM 221 Organic Chemistry II*	Empirical & Quant./N&P Sci.
BIOCH 521 General Biochemistry/Lab	CHEM 250 Biochemistry*	Empirical & Quant./N&P Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
MATH 221 Analytic Geometry & Calculus II	MATH 242 Calculus II*	Empirical & Quant. Reason.
PHYS 113 General Physics I	PHYS 130 College Physics I*	Empirical & Quant./N&P Sci.
PHYS 114 General Physics II	PHYS 131 College Physics II*	Empirical & Quant./N&P Sci.

KSU Course	JCCC Course	K-State 8 Category
Clinical Laboratory Science – Medical Technology – BA/BS		
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
STAT 325 Introduction to Statistics OR STAT 350 Business and Economic Statistics I	MATH 181 Statistics* OR MATH 285 Statistics for Business*	Empirical & Quant. Reason.
MATH 100 College Algebra	MATH 171 College Algebra*	Empirical & Quant. Reason.
CHEM 350/351 Gen. Organic Chem./lab	CHEM 140 Principles of Org./Bio Chemistry*	Empirical & Quant./N&P Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical& Quant./N&P Sci.
BIOL 455 General Microbiology	BIOL 230/231 Microbiology*/Lab*	Empirical & Quant./N&P Sci.
PHYS 113 General Physics I	PHYS 130 College Physics I*	Empirical & Quant./N&P Sci.
Communication Studies - - BA/BS		
COMM 322 Interpersonal Communication	COMS 120 Interpersonal Communication	Human Div./Social Sciences
COMM 480 Intercultural Communication	COMS 180 Intercultural Communication	Global Issues/Human Div.
Economics – BA/BS		
ECON 110 Principles of Macroeconomics	ECON 230 Principles of Macroeconomics	Global Issues/Social Sciences
ECON 120 Principles of Microeconomics	ECON 231 Principles of Microeconomics	Social Sciences
MATH 205 General Calculus & Linear Alg. OR MATH 220 Analytic Geometry & Calculus I	MATH 231 Business & Applied Calculus I* OR MATH 241 Calculus I*	Empirical & Quant. Reason.
English Literature with Teaching Certificate - BA		
ENGL 400 Adv. Expos for Teachers	ENGL 222 Advanced Composition*	N/A
Fine Arts BA		
ART 180 2-Dimensional Design	ART 124 Design 2D	Aesthetic Interpretation
ART 200 3-Dimensional Design	ART 127 3D Design*	Aesthetic Interpretation
ART 190 Drawing I	ART 130 Drawing I	Aesthetic Interpretation
ART 311 Drawing II	ART 131 Drawing II*	Aesthetic Interpretation
Any additional 2D or 3D course	Any additional 2D or 3D course	N/A
ART 195 Survey of Western Art History I	ARTH 180 Art History: Ancient to Medieval	A.I./ Historical Perspectives
ART 196 Survey of Western Art History II	ARTH 182 Art History: Renaissance to Modern	A.I./ Historical Perspectives
Fisheries & Wildlife Conservation - Biodiversity Conservation BA/BS		
COMM 106 Public Speaking I	COMS 121 Public Speaking	N/A
MATH 100 College Algebra OR MATH 150 Plane Trigonometry OR MATH 220 Analytic Geometry & Calculus I	MATH 171 College Algebra* OR MATH 172 Trigonometry* OR MATH 241 Calculus I*	Empirical & Quant. Reason.
CHM 210 Chemistry I AND CHM 230 Chemistry II AND CHM 350/351 Gen. Org. Chemistry/Lab OR CHM 210 Chemistry I AND CHEM 230 Chemistry II AND PHYS 113 General Physics I AND PHYS 114 General Physics II OR PHYS 115 Descriptive Physics	CHEM 124/125 Gen. Chemistry. I*/Lab* AND CHEM 131/132 Gen. Chemistry II*/Lab* AND CHEM 140 Prin. of Organic & Biological Chem.* OR CHEM 124/125 Gen. Chemistry I*/Lab* AND CHEM 131/132 Gen. Chemistry II*/Lab* AND PHYS 130 College Physics I* AND PHYS 131 College Physics II* OR PHYS 133 Applied Physics*	Empirical & Quant./N&P Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
BIOL 401 Organismic Biology	BIOL 150 Biology of Organisms*	Natural & Physical Sciences

KSU Course	JCCC Course	K-State 8 Category
Fisheries & Wildlife Conservation - Fisheries Ecology Management BA/BS Wildlife Ecology Management BA/BS		
COMM 106 Public Speaking I	COMS 121 Public Speaking	N/A
MATH 100 College Algebra or higher	MATH 171 College Algebra or higher	Empirical & Quant. Reason.
CHM 210 Chemistry I AND CHM 230 Chemistry II AND CHM 350/351 Gen. Org. Chemistry/Lab OR CHM 210 Chemistry I AND CHEM 230 Chemistry II AND PHYS 113 General Physics I AND PHYS 114 General Physics II OR PHYS 115 Descriptive Physics	CHEM 124/125 General Chemistry. I*/Lab* AND CHEM 131/132 General Chemistry II*/Lab* AND CHEM 140 Prin. Of Organic & Biological Chem.* OR CHEM 124/125 General Chemistry I*/Lab* AND CHEM 131/132 General Chemistry II*/Lab* AND PHYS 130 College Physics I* AND PHYS 131 College Physics II* OR PHYS 133 Applied Physics*	Empirical & Quant. Reason. /N&P Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
BIOL 401 Organismic Biology	BIOL 150 Biology of Organisms*	Natural & Physical Sciences
Geography - BA/BS		
GEOG 100 World Geography & Globalization	GEOS 145 World Regional Geography	Global Issues/Social Sci.
Geology - BA/BS		
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
GEOG 100/103 Earth in Action/Lab	GEOS 130 General Geology/Lab	Historical Perspect/ N&PSci.
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
PHYS 113 General Physics I	PHYS 130 College Physics I*	Empirical & Quant./N&P Sci.
PHYS 114 General Physics II	PHYS 131 College Physics II*	Empirical & Quant./N&P Sci.
History - BA/BS		
HIST 101 Western Civilization I AND HIST 102 Western Civilization II OR HIST 111 World History to 1450 AND HIST 112 World History from 1450 OR HIST 151 History of the U.S. to 1877 AND HIST 152 History of the U.S. Since 1877	HIST 125 Western Civilization: Ancient World to the Renaissance AND HIST 126 Western Civilization: Scientific Revolution to the Modern Age OR HIST 151 World History: Traditional AND HIST 152 World History: Modern OR HIST 140 U.S. History to 1877 AND HIST 141 U.S. History Since 1877	Global Issues (125/126)/ Historical Perspectives/ Human Diversity (140/141)
Interdisciplinary Studies - Life Sciences - BA/BS		
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
BIOL 401 Organismic Biology	BIOL 150 Biology of Organisms*	Natural & Physical Sciences
BIOL 455 General Microbiology	BIOL 230/231 Microbiology*/Lab*	Empirical & Quant./N&P Sci.
Interdisciplinary Studies - Physical Science- BA/BS		
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
GEOG 100/103 Earth in Action/Lab	GEOS 130 General Geology/Lab	Historical Perspect/N&P Sci.
STAT 325 Introduction to Statistics OR STAT 350 Business and Economic Statistics I	MATH 181 Statistics* OR MATH 285 Statistics for Business*	Empirical & Quant. Reason.
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
PHYS 113 General Physics I	PHYS 130 College Physics I*	Empirical & Quant./N&P Sci.
PHYS 114 General Physics II	PHYS 131 College Physics II*	Empirical & Quant./N&P Sci.

KSU Course	JCCC Course	K-State 8 Category
Journalism and Mass Communications – Advertising – BA/BS		
MC 110 Mass Communication in Society	JOUR 120 Mass Media and Society	Historical Perspectives
MC 120 Principles of Advertising	JOUR 125 Fundamentals of Advertising	Social Sciences
Journalism and Mass Communications - Journalism & Digital Media – Electronic; Journalism & Digital Media - Print; and Public Relations - BA/BS		
MC 110 Mass Communication in Society	JOUR 120 Mass Media and Society	Historical Perspectives
MC 200 News Reporting & Writing Platforms	JOUR 222 Advanced Reporting*	N/A
Mathematics - BA/BS		
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
MATH 221 Analytic Geometry & Calculus II	MATH 242 Calculus II*	Empirical & Quant. Reason.
MATH 222 Analytic Geometry & Calculus III	MATH 243 Calculus III*	Empirical & Quant. Reason.
MATH 340 Elem Differential Equations	MATH 254 Differential Equations*	Empirical & Quant. Reason.
CIS 111 Intro. to Computer Programming	CS 134 Programming Fundamentals	Empirical & Quant. Reason.
CIS 200 Programming Fundamentals	CS 205 Programming Algorithms using Java* OR CS 236 Object-Oriented Programing using C#*	Empirical & Quant. Reason.
CIS 209 C Programming for Engineers	CS 235 Object-Oriented Program using C++*	Empirical & Quant. Reason.
Microbiology - BA/BS		
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
CHM 350/351 Gen. Organic Chem. /Lab	CHEM 140 Prin. of Organic & Biological Chem*	Empirical & Quant./N&P Sci.
BIOCH 521 General Biochemistry	CHEM 250 Biochemistry*	Empirical & Quant./N&P Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
PHYS 113 General Physics I	PHYS 130 College Physics I*	Empirical & Quant./N&P Sci.
PHYS 114 General Physics II	PHYS 131 College Physics II*	Empirical & Quant./N&P Sci.
Music - BA		
MUSIC 280 Lower Division Ensemble Performance	MUS 161*,162H, 163*, 164*, 176*, 177*, 179*, 187* OR 188*	Aesthetic Interpretation
MUSIC 116 Concert Band	MUS 191 Concert Band I*	Aesthetic Interpretation
MUSIC 210 Music Theory I	MUS 141 Music Theory: Harmony I	Aesthetic Interpretation
MUSIC 255 Lower Division Performance	MUS 226, 227*, 231, 232*, 233*, 234*, 236, 237*, 238*, 239*, 241, 242*, 243*, 244*, 246, 247*, 248*, 249*, 251, 252*, 256, 257*, 258*, 259*, 261, 262*, 263*, OR 264*	N/A
MUSIC 130, 323, 631	No equivalents	Aesthetic Interpretation
Physics, Standard, General - BA/BS		
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
MATH 221 Analytic Geometry & Calculus II	MATH 242 Calculus II*	Empirical & Quant. Reason.
MATH 222 Analytic Geometry & Calculus III	MATH 243 Calculus III*	Empirical & Quant. Reason.
MATH 340 Elem Differential Equations	MATH 254 Differential Equations*	Empirical & Quant. Reason.
CHM 210 Chemistry I	CHEM 124/125 General Chemistry I*/Lab*	Empirical & Quant./N&P Sci.
CHM 230 Chemistry II	CHEM 131/132 General Chemistry II*/Lab*	Empirical & Quant./N&P Sci.
Political Science - BA/BS		
POLSC 115 U.S. Politics	POLS 124 American National Government	Hist. Perspect/Social Sci.
POLSC 135 Intro. to Comparative Politics	POLS 132 Intro to Comparative Government	Global Issues/ Social Sci.
POLSC 145 World Politics	POLS 135 International Relations	Global Issues/ Social Sci.

KSU Course	JCCC Course	K-State 8 Category
Psychological Studies - BA/BS		
PSYCH 110 General Psychology	PSYC 130 Introduction to Psychology	Empirical & Quant./Social Sci.
Social Work - BA/BS		
ANTH 200 Intro to Cultural Anthropology	ANTH 125 Cultural Anthropology	Global Issues/ Social Sci.
BIOL 198 Principles of Biology	BIOL 135 Prin. of Cell and Molecular Biology	Empirical & Quant./N&P Sci.
PSYCH 110 General Psychology	PSYC 130 Introduction to Psychology*	Empirical & Quant./Social Sci.
ECON 110 Principles of Macroeconomics	ECON 230 Principles of Macroeconomics	Global Issues/Social Sciences
ECON 120 Principles of Microeconomics	ECON 231 Principles of Microeconomics	Social Sciences
STAT 325 Introduction to Statistics OR STAT 350 Business and Economic Statistics I	MATH 181 Statistics* OR MATH 285 Statistics for Business*	Empirical & Quant. Reason.
POLSC 110 Introduction to Political Science	POLS 122 Political Science	Global Issues/Social Sciences
SOCIO 211 Introduction to Sociology	SOC 122 Introduction to Sociology	Human Diversity/Social Sci.
Sociology – BA/BS (General Sociology or Criminology options)		
STAT 325 Introduction to Statistics OR STAT 350 Business and Economic Statistics I	MATH 181 Statistics* OR MATH 285 Statistics for Business*	Empirical & Quant. Reason.
SOCIO 211 Introduction to Sociology	SOC 122 Introduction to Sociology	Human Diversity/Social Sci.
Statistics - BA/BS		
MATH 220 Analytic Geometry & Calculus I	MATH 241 Calculus I*	Empirical & Quant. Reason.
MATH 221 Analytic Geometry & Calculus II	MATH 242 Calculus II*	Empirical & Quant. Reason.
MATH 222 Analytic Geometry & Calculus III	MATH 243 Calculus III*	Empirical & Quant. Reason.
CIS 111 Intro. to Computer Programming	CS 134 Programming Fundamentals	Empirical & Quant. Reason.
CIS 200 Programming Fundamentals	CS 205 Programming Algorithms using Java* OR CS 236 Object-Oriented Programing using C#*	Empirical & Quant. Reason.
CIS 209 C Programming for Engineers	CS 235 Object-Oriented Program using C++*	Empirical & Quant. Reason.
CIS 300 Data and Program Structures	CS 250 Data Structure using C++*	Empirical & Quant. Reason.
STAT 325 Introduction to Statistics OR STAT 350 Business and Economic Statistics	MATH 181 Statistics* OR MATH 285 Statistics for Business*	Empirical & Quant. Reason.
Theatre - BA/BS		
THTRE 261 Fundamentals of Acting	THEA 130 Acting I*	Aesthetic Interp/Ethical Reas.
THTRE 368 Fund. Technical Production	THEA 135 Stage Makeup OR THEA 140 Basic Stagecraft OR THEA 145 Introduction to Theater Design	Aesthetic Interpretation
Women's Studies - BA/BS		
GWSS 105 Intro to GWS Studies	WGS 201 Global Women's Studies	Human Div./Ethical Reason.

* JCCC course has a prerequisite or corequisite.