

## K-State BA/BS

### Kansas State University

Johnson County Community College Transfer Program to the Kansas State University	Andrew Wimp / Sonya Baker
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Academic Year 2025-2026	artsci.k#state.edu

#### Program Description

The Associate of Arts, AA (<https://catalog.jccc.edu/archives/2025-26/degreerequirements/associate-arts/>) at JCCC is a general transfer degree and partners well with the first two years of most bachelor degree programs. Students pursuing the AA 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 AA allow students to complete additional general education and lower division courses required for specific majors. The AA degree requires completion of 60 credit hours. Meeting with a JCCC counselor (<https://www.jccc.edu/student-resources/counseling/academic-counseling/>) is strongly recommended for selection of appropriate courses.

#### Admission Requirements

- 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. No more than seventy-five hours may be transferred as credit 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.
- Students transferring to KSU, that complete the General Education requirements required for the Associate of Arts (AA) (<https://catalog.jccc.edu/archives/2025-26/degreerequirements/associate-arts/>), Associate of Fine Arts (AFA) (<https://catalog.jccc.edu/archives/2025-26/degreerequirements/associate-fine-arts/>) or Associate of Science (AS) (<https://catalog.jccc.edu/archives/2025-26/degreerequirements/associate-science/>) degree from JCCC will be considered to have satisfied KSU's core general education curriculum.
- Students who transfer to KSU, without completing the General Education requirements required for the Associate of Arts (AA) (<https://catalog.jccc.edu/archives/2025-26/degreerequirements/associate-arts/>), Associate of Fine Arts (AFA) (<https://catalog.jccc.edu/archives/2025-26/degreerequirements/associate-fine-arts/>) or Associate of Science (AS) (<https://catalog.jccc.edu/archives/2025-26/degreerequirements/associate-science/>) degree will have courses evaluated on a course-by-course basis toward meeting KSU requirements. To learn more about courses that satisfy KSU Core Requirements (<https://catalog.k-state.edu/content.php?catoid=60&navoid=12133>) and KSU Transfer Equivalency Tool (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/course-search.html>).
- Visit the KSU Core General Education Guide (<https://nam12.safelinks.protection.outlook.com/?url=http%3A%2F%2Fnextcatalog.jccc.edu%2Ftransfer-guides%2Fk-state%2Fk-state-general-education&data=05%7C02%7Cskhalif2%40jccc.edu%7C3bbbe8fc84564328cf7008de1320415e%7C15244239dcf245e7aefd127b69fc5438%7C1%7C0%7C638969226426376370%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIlwLjAuMDAwMCIslIiAiOiJXaW4zMilslkFOljoitWFBpbCIsIlIdUljoyfQ%3D%3D%7C0%7C%7C&sdata=p6L6HF0HBpB3aL3uFUWnztw8qzBp%2FiSMV2qIS%2FvLwxE%3D&reserved=0>) for JCCC equivalents.
- DirectLink - an initiative between Kansas community colleges and Kansas State University to provide future transfer students with support as they prepare to make the transition to K-State. Visit DirectLink (<https://apply2.ksu.edu/register/directlink/>) to register.

*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 information about the program, you must meet with an advisor at the transfer institution.*

## Program Requirements

Code	Title	Hours
<b>K-State Core</b>		
<b>English (two courses)</b>		
	Visit the K State Core English ( <a href="https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/">https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/</a> ) for JCCC equivalents.	6
<b>Communications</b>		
	Visit the K State Core Communications ( <a href="https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/">https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/</a> ) for JCCC equivalents.	3
<b>Math &amp; Statistics</b>		
	Visit the K State Core Math and Statistics ( <a href="https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/">https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/</a> ) for JCCC equivalents.	3
<b>Natural and Physical Sciences (One Subject area only, must include a lab)</b>		
	Visit the K State Core Natural and Physical Sciences ( <a href="https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/">https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/</a> ) for JCCC equivalents.	4-5
<b>Social and Behavioral Sciences (Select two courses in two subject areas)</b>		
	Visit the K State Core Social and Behavioral Sciences ( <a href="https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/">https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/</a> ) for JCCC equivalents.	6
<b>Arts and Humanities (Select two courses in two subject areas)</b>		
	Visit the K State Core Arts and Humanities ( <a href="https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/">https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/</a> ) for JCCC equivalents.	6
<b>Free Electives (Any 100 or 200 level courses may apply)</b>		
	Visit the K State Core Free Elective Institutionally Designated Area ( <a href="https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/">https://catalog.jccc.edu/transfer-guides/k-state/k-state-general-education/</a> ) for JCCC equivalents.	6

## B.A. Degree Only

### Arts, Humanities, and Non-Quantitative Social Science (9 credit-hours):

Majors must take 3 credit-hours in each of the following, with at least 6 credit-hours at 300 level or above OR at any level with a prerequisite in the same discipline.

- One course in Humanities (3 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.
- Any course or combination of courses in Fine Arts (3 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.
- One Non-Quantitative Social Science course (3 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.

### Natural and Quantitative Sciences, and Quantitative Social Sciences (6 credit hours):

Majors must take at least one course in each of the following, with at least 3 credit hours at 300 level or above OR at any level with a prerequisite in the same discipline.

- Quantitative or Natural Science (3 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.
- Quantitative or Natural Science or Quantitative Social Science (3 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.

### Second Language requirement

All B.A. students must either take a single second language through the fourth language course (e.g., Spanish 4) or take two languages each through second level (e.g., Spanish 2 and French 2). Any language offered through the department of Modern Languages, as well as American Sign Language, can be used towards this requirement. Students whose first language is not English may satisfy this requirement by meeting the English Proficiency Admission Standards for K-State or by completing the appropriate level of exit courses with the English Language Program.

Visit JCCC Foreign Language (<https://catalog.jccc.edu/archives/2025-26/coursedescriptions/fl/>) for course options.

## B.S. Degree Only

### Natural and Quantitative Sciences, and Quantitative Social Sciences (12-14 hours)

All B.S. degree programs must ensure that students take at least four courses in math and natural science above and beyond the K-State Core. At least two courses must be intermediate or advanced courses at the 300 level or above or be the second or later courses in a sequence (have a prerequisite in the same prefix).

- One course in natural (physical or life) science (3-5 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.
- One quantitative course (3-4 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.
- Two additional courses in natural or quantitative science, or quantitative social science (social science with a MATH or STAT prerequisite- 6 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.

### Arts, Humanities, and Non-Quantitative Social Science (6 credit hours):

All Arts and Sciences degrees require breadth across disciplines. B.S. degrees must ensure that students take an additional 6 credit-hours above the K-State Core, with at least 3 of those credits being intermediate or advanced (300 level or above, or have a prerequisite in the same discipline).

- Any course or combination of courses totaling (3 credit-hours) in Fine Arts or Humanities: Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.
- Non-Quantitative Social Sciences: Any Social Science course that does not count as “quantitative social science” (3 credit hours): Visit the KSU Transfer database (<https://www.k-state.edu/admissions/undergrad/manhattan/apply/transfer/tools/guide.html>), select JCCC.

**Major Specific coursework is available at JCCC – Visit K-State Curriculum Guides by major (<https://artsci.k-state.edu/student-resources/academics/majors/>) for more information.**

Course Code Code	Course Title Title	Course Hours	Transfer Code Hours	Transfer Title	Transfer Hours
<b>Anthropology - BA/BS</b>					
ANTH 125	Cultural Anthropology	3	ANTH 200	Intro to Cultural Anthropology	3
<b>Select one of the following:</b>					
ANTH 142	World Prehistory	3	ANTH 260	Introduction to Archaeology	3
ANTH 144	Archaeology	3	ANTH 260	Introduction to Archaeology	3
ANTH 165	Linguistic Anthropology	3	ANTH 220	Intro Linguistic Anthropology	3
<b>Art – Studio Art - BA</b>					
ART 124	Design 2D	3	ART 180	AandD:Color/Light Percep Lab	3
ART 127	Design 3D*	3	ART 200	AD: Visual Rep Fabrication	3
ART 130	Drawing I	3	ART 190	Drawing I	3
ART 131	Drawing II*	3	ART 311	Art Education	3
ARTH 180	Art History: Ancient to Medieval	3	ART 195	Survey Western Art History I	3
ARTH 182	Art History: Renaissance to Modern	3	ART 196	Survey Western Art History II	3
ARTH 184	Art History: Twentieth Century	3	ART 545	20th Century Art Hist I	3
<b>Art History - BA</b>					
ART 124	Design 2D	3	ART 180	AandD:Color/Light Percep Lab	3
ART 127	Design 3D*	3	ART 200	AD: Visual Rep Fabrication	3

ART 130	Drawing I	3	ART 190	Drawing I	3
Any additional 2D or 3D course					
ARTH 180	Art History: Ancient to Medieval	3	ART 195	Survey Western Art History I	3
ARTH 182	Art History: Renaissance to Modern	3	ART 196	Survey Western Art History II	3
<b>Biochemistry – BA/BS</b>					
BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
<b>Select one of the following:</b>					
CHEM 220	Organic Chemistry I*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	5
CHEM 221	Organic Chemistry II*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	5
CHEM 250	Biochemistry*	4	BIOCH 521	General Biochemistry	3
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4
<b>BA Requirement</b>					
PHYS 130 & PHYS 131	College Physics I* and College Physics II*	5	PHYS 113 & PHYS 114	General Physics I and General Physics II	8
<b>BS Requirements</b>					
BIOL 230 & BIOL 231	Microbiology* and Microbiology Lab*	3	BIOL 255	General Microbiology	4
<b>Select one of the following:</b>					
PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4
PHYS 220	Engineering Physics I*	5	PHYS 213	Engineering Physics I	5
<b>Select one of the following:</b>					
PHYS 131	College Physics II*	5	PHYS 114	General Physics II	4
PHYS 221	Engineering Physics II* (BA Requirement)	5	PHYS 214	Engineering Physics II	5
<b>Course Code</b>	<b>Course Title</b>	<b>Course Hours</b>	<b>Transfer Code</b>	<b>Transfer Title</b>	<b>Transfer Hours</b>
<b>Code</b>	<b>Title</b>	<b>Hours</b>			
<b>Biology - BA/BS</b>					
BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4
BIOL 150	Biology of Organisms*	5	BIOL 221	Organismic Biology	5
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4



CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
CHEM 140	Principles of Organic Biological Chemistry*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	2
CHEM 250	Biochemistry*	4	BIOCH 521	General Biochemistry	3
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4

**BA Requirements**

**Select one of the following:**

MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
PSYC 209	Statistics in Psychological Research*	3	STAT 225	Introduction to Statistics	3

**Select one of the following:**

PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4
PHYS 220	Engineering Physics I*	5	PHYS 213	Engineering Physics I	5

**BS Requirements**

**Select one of the following:**

CS 134	Programming Fundamentals	4	CC 210	Fund Comp Programming Concepts	4
CS 200	Concepts of Programming Algorithms Using C++*	4	CC 210	Fund Comp Programming Concepts	4
CS 201	Concepts of Programming Algorithms using C#*	4	CC 210	Fund Comp Programming Concepts	4
CS 202	Concepts of Programming Algorithms using Python*	4	CC 210	Fund Comp Programming Concepts	4
CS 205	Concepts of Programming Algorithms using Java*	4	CC 210	Fund Comp Programming Concepts	4
CS 235	Object-Oriented Programming Using C+ +*	4	CC 210	Fund Comp Programming Concepts	4
CS 236	Object-Oriented Programming Using C#*	4	CC 210	Fund Comp Programming Concepts	4
CS 252	Basic Data Structures Using Python*	4	CC 210	Fund Comp Programming Concepts	4
CS 200	Concepts of Programming Algorithms Using C++*	4	CIS 200	Programming Fundamentals	4
CS 201	Concepts of Programming Algorithms using C#*	4	CIS 200	Programming Fundamentals	4
CS 202	Concepts of Programming Algorithms using Python*	4	CIS 200	Programming Fundamentals	4



CS 205	Concepts of Programming Algorithms using Java*	4	CIS 200	Programming Fundamentals	4
CS 235	Object-Oriented Programming Using C++*	4	CIS 200	Programming Fundamentals	4
CS 236	Object-Oriented Programming Using C#*	4	CIS 200	Programming Fundamentals	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4
MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
PSYC 209	Statistics in Psychological Research*	3	STAT 225	Introduction to Statistics	3

**Select one of the following:**

PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4
PHYS 220	Engineering Physics I*	5	PHYS 213	Engineering Physics I	5

**Select one of the following:**

PHYS 131	College Physics II*	5	PHYS 114	General Physics II	4
PHYS 221	Engineering Physics II*	5	PHYS 214	Engineering Physics II	5

Course Code	Course Title	Course Hours	Transfer Code	Transfer Title	Transfer Hours
<b>Chemistry - BS</b>					
BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
<b>Select one of the following:</b>					
CHEM 220	Organic Chemistry I*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	5
CHEM 221	Organic Chemistry II*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	5
CHEM 250	Biochemistry*	4	BIOCH 521	General Biochemistry	3
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4
MATH 243	Calculus III*	5	MATH 222	Analytic Geometry Calc III	4
PHYS 220	Engineering Physics I*	5	PHYS 213	Engineering Physics I	5
PHYS 221	Engineering Physics II*	5	PHYS 214	Engineering Physics II	5
<b>Chemical Science - BS</b>					
BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4

CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4

**Select one of the following:**

CHEM 220	Organic Chemistry I*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	5
CHEM 221	Organic Chemistry II*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	5
CHEM 250	Biochemistry*	4	BIOCH 521	General Biochemistry	3
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4
PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4
PHYS 131	College Physics II*	5	PHYS 114	General Physics II	4

Course Code	Course Title	Course Hours	Transfer Code	Transfer Title	Transfer Hours
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**Medical Laboratory Science – BS**

BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4
BIOL 140 & BIOL 225	Human Anatomy and Human Physiology*	4	BIOL 441 & BIOL 442	Human Body I and Human Body II	8
BIOL 230 & BIOL 231	Microbiology* and Microbiology Lab*	3	BIOL 255	General Microbiology	4
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
CHEM 140	Principles of Organic Biological Chemistry*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	2
CHEM 250	Biochemistry*	4	BIOCH 521	General Biochemistry	3
MATH 171	College Algebra*	3	MATH 100	College Algebra	3

**Select one of the following:**

MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
MATH 285	Statistics for Business*	4	STAT 250	Business/Econ Statistics I	3
PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4

**Communication Studies - BA/BS**

COMS 120	Interpersonal Communication	3	COMM 130	Interpersonal Communication	
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COMS 180	Intercultural Communication	3	COMM 480	Intercultural Communication	3
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Course Code Code	Course Title Title	Course Hours	Transfer Code Hours	Transfer Title	Transfer Hours
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**Economics – BA/BS**

ECON 230	Principles of Macroeconomics	3	ECON 110	Principles of Macroeconomics	3
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ECON 231	Principles of Microeconomics	3	ECON 120	Principles of Microeconomics	3
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**Select one of the following:**

MATH 231	Business and Applied Calculus I*	3	MATH 205	Calc for Business Economics	3
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MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
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**Select one of the following:**

MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
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MATH 285	Statistics for Business*	4	STAT 250	Business/Econ Statistics I	3
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**English Literature with Teaching Certificate - BA**

ENGL 222	Advanced Composition: The Art of the Essay*	3	ENGL 400	Adv Expository Writing/ Teacher	3
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ENGL 252	Introduction to Shakespeare*	3	ENGL 350	Intro to Shakespeare	3
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**Fine Arts - BA**

ART 124	Design 2D	3	ART 180	AandD:Color/Light Percep Lab	3
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ART 127	Design 3D*	3	ART 200	AD: Visual Rep Fabrication	3
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ART 130	Drawing I	3	ART 190	Drawing I	3
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ART 131	Drawing II*	3	ART 311	Art Education	3
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Any additional 2D or 3D course

ARTH 180	Art History: Ancient to Medieval	3	ART 195	Survey Western Art History I	3
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ARTH 182	Art History: Renaissance to Modern	3	ART 196	Survey Western Art History II	3
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Course Code Code	Course Title Title	Course Hours	Transfer Code Hours	Transfer Title	Transfer Hours
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**Fisheries, Wildlife, Conservation, and Environmental Biology - Conservation Biology – BS Fisheries, Wildlife, Conservation, and Environmental Biology – Environmental Biology - BS**

BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4
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BIOL 150	Biology of Organisms*	5	BIOL 221	Organismic Biology	5
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CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
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CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
CHEM 140	Principles of Organic Biological Chemistry*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	2

**Select one of the following:**

MATH 171	College Algebra*	3	MATH 100	College Algebra	3
MATH 172	Trigonometry*	3	MATH 150	Calculus I	5
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
PHYS 130 & PHYS 131	College Physics I* and College Physics II*	5	PHYS 113 & PHYS 114	General Physics I and General Physics II	4

Course Code Code	Course Title Title	Course Hours	Transfer Code Hours	Transfer Title	Transfer Hours
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**Fisheries, Wildlife, Conservation, and Environmental Biology - Fisheries Ecology and Management BS Fisheries, Wildlife, Conservation, and Environmental Biology - Wildlife Ecology and Management BS**

BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4
BIOL 150	Biology of Organisms*	5	BIOL 221	Organismic Biology	5
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
CHEM 140	Principles of Organic Biological Chemistry*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	2

**Select one of the following:**

MATH 171	College Algebra*	3	MATH 100	College Algebra	3
MATH 172	Trigonometry*	3	MATH 150	Calculus I	5
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4

**Select one of the following:**

MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
MATH 285	Statistics for Business*	4	STAT 250	Business/Econ Statistics I	3
PHYS 130 & PHYS 131	College Physics I* and College Physics II*	5	PHYS 113 & PHYS 114	General Physics I and General Physics II	4

Course Code Code	Course Title Title	Course Hours	Transfer Code Hours	Transfer Title	Transfer Hours
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**Geography - BA/BS**

EVRN 134	Principles of Sustainability	3	GEOG 360	Sustain Concepts Issues	3
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GEOS 140 & GEOS 141	Physical Geography and 3 Physical Geography Lab*	3	GEOG 121 & GEOG 122	Intro Physical Geography and Intro Physical Geography Lab	1
GEOS 145	World Regional Geography	3	GEOG 100	World Geography Globalization	3
GEOS 155	Human Geography	3	GEOG 200	Human Geography	3
MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
<b>Geology - BA/BS</b>					
GEOS 130	General Geology	5	GEOL 100 & GEOL 103	Earth in Action and Geology Lab	4
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4

**BA Requirements**

Select one of the following:

CHEM 120	Chemistry in Society*	4	CHM 110 & CHM 111	General Chemistry and General Chemistry Lab	4
CHEM 122	Principles of Chemistry*	5	CHM 110 & CHM 111	General Chemistry and General Chemistry Lab	4
PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4

**BS Requirements**

CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4

Select one of the following:

PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4
PHYS 220	Engineering Physics I*	5	PHYS 213	Engineering Physics I	5

Select one of the following:

PHYS 131	College Physics II*	5	PHYS 114	General Physics II	4
PHYS 221	Engineering Physics II*	5	PHYS 214	Engineering Physics II	5

Course Code	Course Title	Course Hours	Transfer Code	Transfer Title	Transfer Hours
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**History - BA/BS**

Select one of the following two courses:

HIST 125 & HIST 126	Western Civilization: Ancient World to the Renaissance and Western Civilization: Scientific Revolution to the Modern Age	3	HIST 101 & HIST 102	West Civ: Anc Greece- Early Eur and West Civ:Europe in Modern Wrld	6
HIST 140 & HIST 141	U.S. History to 1877 and 3 U.S. History Since 1877	3	HIST 151 & HIST 152	History of the US to 1877 and History of the US Since 1877	3

HIST 151 & HIST 152	World History: Traditional and World History: Modern World	3	HIST 111 & HIST 112	Modern World Civilization and World History From 1450	3
MATH 151	Contemporary Mathematics*	3	MATH 160	Intro to Contemporary Math	3
<b>Life Science - BA/BS</b>					
BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4
<b>Choose one option from below:</b>					
<b>Option 1</b>					
CHEM 120	Chemistry in Society*	4	CHM 110 & CHM 111	General Chemistry and General Chemistry Lab	4
CHEM 122	Principles of Chemistry*	5	CHM 110 & CHM 111	General Chemistry and General Chemistry Lab	4
<b>Option 2</b>					
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
CHEM 140	Principles of Organic Biological Chemistry*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	2
<b>Option 3</b>					
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
CHEM 220	Organic Chemistry I*	5	CHM 531 & CHM 532	Organic Chemistry 1 and Organic Chemistry Lab	5
<b>Option 4</b>					
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
MATH 171	College Algebra*	3	MATH 100	College Algebra	3
PSYC 130	Introduction to Psychology	3	PSYCH 110	General Psychology	3
<b>BS Requirement</b>					
MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3

Course Code Code	Course Title Title	Course Hours	Transfer Code Hours	Transfer Title	Transfer Hours
<b>Mass Communications – Strategic Communications – BA/BS</b>					
JOUR 120	Mass Media and Society	3	MC 110	Mass Communication in Society	3
<b>Select one of the following:</b>					
JOUR 125	Fundamentals of Advertising	3	MC 120	Principles of Advertising	3
JOUR 130	Principles of Public Relations	3	MC 180	Principles of Public Relations	3
<b>Mass Communications - Journalism - BA/BS</b>					
JOUR 120	Mass Media and Society	3	MC 110	Mass Communication in Society	3
JOUR 122	News Writing and Reporting	3	MC 200	Intro Museum/Curatorial Stud	3
<b>Mathematics - BA/BS</b>					
CS 134	Programming Fundamentals	4	CIS 111 Intro. to Computer Programming		
<b>Select one of the following:</b>					
CS 200	Concepts of Programming Algorithms Using C++*	4	CIS 200	Programming Fundamentals	4
CS 201	Concepts of Programming Algorithms using C#*	4	CIS 200	Programming Fundamentals	4
CS 202	Concepts of Programming Algorithms using Python*	4	CIS 200	Programming Fundamentals	4
CS 205	Concepts of Programming Algorithms using Java*	4	CIS 200	Programming Fundamentals	4
CS 236	Object-Oriented Programming Using C#*	4	CIS 200	Programming Fundamentals	4
CS 235	Object-Oriented Programming Using C++*	4	CIS 209	Comp Programming for Engineers	3
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4
MATH 243	Calculus III*	5	MATH 222	Analytic Geometry Calc III	4
MATH 254	Differential Equations*	4	MATH 340	Elementary Differential Equatn	4
<b>Course Code Code</b>					
<b>Course Title Title</b>					
<b>Course Hours</b>					
<b>Transfer Code Hours</b>					
<b>Transfer Title</b>					
<b>Transfer Hours</b>					
<b>Microbiology - BA/BS</b>					
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4



CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
CHEM 140	Principles of Organic Biological Chemistry*	5	CHM 350 & CHM 351	General Organic Chemistry and Gen Organic Chemistry Lab	2
CHEM 250	Biochemistry*	4	BIOCH 521	General Biochemistry	3
BIOL 135	Principles of Cell and Molecular Biology	4	BIOL 198	Principles of Biology	4
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4

**Select one of the following:**

MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4
CS 134	Programming Fundamentals	4	CIS 111 Intro. to Computer Programming		
CS 200	Concepts of Programming Algorithms Using C++*	4	CIS 200	Programming Fundamentals	4
CS 201	Concepts of Programming Algorithms using C#*	4	CIS 200	Programming Fundamentals	4
CS 202	Concepts of Programming Algorithms using Python*	4	CIS 200	Programming Fundamentals	4
CS 205	Concepts of Programming Algorithms using Java*	4	CIS 200	Programming Fundamentals	4
CS 236	Object-Oriented Programming Using C#*	4	CIS 200	Programming Fundamentals	4
PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4
PHYS 131	College Physics II*	5	PHYS 114	General Physics II	4

Course Code	Course Title	Course Hours	Transfer Code	Transfer Title	Transfer Hours
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**Music - BA**

MUS 141	Music Theory: Harmony I	3	MUSIC 210	Music Theory I	3
MUS 142	Music Theory: Harmony II*	3	MUSIC 230	Music Theory II	3

**Select one of the following:**

MUS 161	Chamber Choir I*	1	MUSIC 280	Lower-Div Ensemble Perf	1
MUS 162	Chamber Choir II*	1	MUSIC 280	Lower-Div Ensemble Perf	1
MUS 163	Chamber Choir III*	1	MUSIC 280	Lower-Div Ensemble Perf	1
MUS 164	Chamber Choir IV*	1	MUSIC 280	Lower-Div Ensemble Perf	1



MUS 176	Jazz Band I*	1	MUSIC 280	Lower-Div Ensemble Perf	1
MUS 177	Jazz Band II*	1	MUSIC 280	Lower-Div Ensemble Perf	1
MUS 179	Jazz Band IV*	1	MUSIC 280	Lower-Div Ensemble Perf	1
MUS 187	Jazz Improvisation I*	2	MUSIC 280	Lower-Div Ensemble Perf	1
MUS 188	Jazz Improvisation II*	2	MUSIC 280	Lower-Div Ensemble Perf	1
MUS 191	Concert Band I*	1	MUSIC 116	Concert Band	1

**Select one of the following:**

MUS 226	Applied Guitar I (Class)	1	MUSIC 255	Lower-Division Performance	1-30
MUS 227	Applied Guitar II (Class)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 231	Applied Voice I (Private)	1	MUSIC 255	Lower-Division Performance	1-30
MUS 232	Applied Voice II (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 233	Applied Voice III (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 234	Applied Voice IV (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 236	Applied Piano I (Private)	1	MUSIC 255	Lower-Division Performance	1-30
MUS 237	Applied Piano II (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 238	Applied Piano III (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 239	Applied Piano IV (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 241	Applied Guitar I (Private)	1	MUSIC 255	Lower-Division Performance	1-30
MUS 242	Applied Guitar II (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 243	Applied Guitar III (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 244	Applied Guitar IV (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 246	Applied Classical Guitar I (Private)	1	MUSIC 255	Lower-Division Performance	1-30
MUS 247	Applied Classical Guitar II (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 248	Applied Classical Guitar III (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 249	Applied Classical Guitar IV (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 251	Applied Brass I (Private)	1	MUSIC 255	Lower-Division Performance	1-30
MUS 252	Applied Brass II (Private)*	1	MUSIC 255	Lower-Division Performance	1-30



MUS 256	Applied Percussion I (Private)	1	MUSIC 255	Lower-Division Performance	1-30
MUS 257	Applied Percussion II(Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 258	Applied Percussion III (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 259	Applied Percussion IV (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 261	Applied Woodwind I (Private)	1	MUSIC 255	Lower-Division Performance	1-30
MUS 262	Applied Woodwind II (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 263	Applied Woodwind III (Private)*	1	MUSIC 255	Lower-Division Performance	1-30
MUS 264	Applied Woodwind IV (Private)*	1	MUSIC 255	Lower-Division Performance	1-30

Course Code Code	Course Title Title	Course Hours	Transfer Code Hours	Transfer Title	Transfer Hours
<b>Physical Science - BA/BS</b>					
CHEM 124 & CHEM 125	General Chemistry I Lecture* and General Chemistry I Lab*	4	CHM 210	Chemistry I	4
CHEM 131 & CHEM 132	General Chemistry II Lecture* and General Chemistry II Lab*	4	CHM 230	Chemistry II	4
GEOS 130	General Geology	5	GEOL 100	Earth in Action	3
MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4

**Select one of the following:**

PHYS 130	College Physics I*	5	PHYS 113	General Physics I	4
PHYS 220	Engineering Physics I*	5	PHYS 213	Engineering Physics I	5

**Select one of the following:**

PHYS 131	College Physics II*	5	PHYS 114	General Physics II	4
PHYS 221	Engineering Physics II*	5	PHYS 214	Engineering Physics II	5

Course Code Code	Course Title Title	Course Hours	Transfer Code Hours	Transfer Title	Transfer Hours
<b>Physics, Standard, General - BA/BS</b>					
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4
MATH 243	Calculus III*	5	MATH 222	Analytic Geometry Calc III	4
MATH 254	Differential Equations*	4	MATH 340	Elementary Differential Equatn	4
PHYS 220	Engineering Physics I*	5	PHYS 213	Engineering Physics I	5
PHYS 221	Engineering Physics II*	5	PHYS 214	Engineering Physics II	5

**Political Science - BA/BS**

POLS 124	American National Government	3	POLSC 115	U.S. Politics	3
POLS 132	Introduction to Comparative Government	3	POLSC 135	Intro to Comparative Politics	3
POLS 135	International Relations	3	POLSC 145	World Politics	3
POLS 192	Political Theory	3	POLSC 155	Intro to Political Thought	3

Course Code	Course Title	Course Hours	Transfer Code	Transfer Title	Transfer Hours
Code	Title	Hours	Hours		

**Social Work - BA/BS**

ANTH 125	Cultural Anthropology	3	ANTH 200	Intro to Cultural Anthropology	3
MATH 171	College Algebra*	3	MATH 100	College Algebra	3
MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3

**Select one of the following:**

POLS 122	Political Science	3	POLSC 110	Intro to Political Science	3
POLS 124	American National Government	3	POLSC 115	U.S. Politics	3
PSYC 130	Introduction to Psychology	3	PSYCH 110	General Psychology	3
SOC 122	Introduction to Sociology	3	SOCIO 211	Introduction to Sociology	3
SOC 146	Introduction to Social Work and Social Welfare	3	SOCWK 100	Social Work: Helping Professn	3

**Sociology – BA/BS (General Sociology or Criminology options)**

MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
SOC 122	Introduction to Sociology	3	SOCIO 211	Introduction to Sociology	3

**Statistics and Data Science - BA/BS**
**Select one of the following:**

MATH 201	Statistics*	3	STAT 225	Introduction to Statistics	3
MATH 285	Statistics for Business*	4	STAT 250	Business/Econ Statistics I	3
MATH 241	Calculus I*	5	MATH 220	Analytic Geometry Calc I	4
MATH 242	Calculus II*	5	MATH 221	Analytic Geometry Calc II	4
MATH 243	Calculus III*	5	MATH 222	Analytic Geometry Calc III	4
CS 134	Programming Fundamentals	4	CIS 111	Intro. to Computer Programming	

**Select one of the following:**

CS 200	Concepts of Programming Algorithms Using C++*	4	CIS 200	Programming Fundamentals	4
CS 201	Concepts of Programming Algorithms using C#*	4	CIS 200	Programming Fundamentals	4

CS 202	Concepts of Programming Algorithms using Python*	4	CIS 200	Programming Fundamentals	4
CS 205	Concepts of Programming Algorithms using Java*	4	CIS 200	Programming Fundamentals	4
CS 236	Object-Oriented Programming Using C#*	4	CIS 200	Programming Fundamentals	4
CS 235	Object-Oriented Programming Using C++*	4	CIS 209	Comp Programming for Engineers	3

Course Code	Course Title	Course Hours	Transfer Code	Transfer Title	Transfer Hours
<b>Theatre - BA/BS</b>					
HIST 125 & HIST 126	Western Civilization: Ancient World to the Renaissance and Western Civilization: Scientific Revolution to the Modern Age	3	HIST 101 & HIST 102	West Civ: Anc Greece- Early Eur and West Civ:Europe in Modern Wrld	6
MATH 151	Contemporary Mathematics*	3	MATH 160	Intro to Contemporary Math	3
THEA 120	Introduction to Theater	3	THTRE 270	Introduction to Theatre	3
THEA 130	Acting I*	3	THTRE 171	Fundamentals of Acting	3
<b>Select one of the following:</b>					
THEA 135	Stage Makeup	2	THTRE 269	Fundamentals of Technical Production	
THEA 140	Basic Stagecraft	3	THTRE 269	Fundamentals of Technical Production	
THEA 145	Introduction to Theater Design	3	THTRE 269	Fundamentals of Technical Production	
<b>Select one of the following:</b>					
THEA 123	Improvisation for the Theater*	2	THTRE 211	Run Crew	0-2
THEA 133	Technical Practicum I	1	THTRE 211	Run Crew	0-2
THEA 134	Performance Practicum I	1	THTRE 211	Run Crew	0-2
THEA 233	Technical Practicum II*	1	THTRE 211	Run Crew	0-2

\* JCCC course has a prerequisite or corequisite.