

# Johnson County Community College — Missouri S&T

## Biological Sciences BA Transfer Guide

Effective as of Fall 2017

<u>Partner School</u>		<u>Missouri S&amp;T</u>			
<b>Communication Skills (Take all courses)</b>					
ENGL 121	Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 122	Composition II	3	ENGLISH 1160	Writing and Research	3
SPD 121	Public Speaking (Required for AA degree)	3	SPMS 1185	Principles of Speech (Not required for S&T degree. Transfers as a free elective)	3
Foreign Language	Elementary I, Elementary II, and Intermediate I in French, German, Russian or Spanish (must be in a single language)	12		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12
Total Hours					21
					Total Hours
<b>Math and Sciences (Take all courses)</b>					
MATH 171	College Algebra (or higher level math)	3	MATH 1140	College Algebra	3
CHEM 122 or CHEM 124,125	Principles of Chemistry or General Chemistry I Lecture and Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 131	General Chemistry II Lecture	4	CHEM 1320	General Chemistry II	3
CHEM 220	Organic Chemistry I	5	CHEM 2210	Organic Chemistry I	4
CHEM 221	Organic Chemistry II	5	CHEM 2220	Organic Chemistry II	4
MATH 181 or CIS 124 or CIS 134 or CIS 201	Statistics (preferred) or Intro to Computer Concepts & Applications or Programming Fundamentals or Introduction to Information Systems	3	Statistics or Computer	Statistics Elective (preferred) or Computer Elective	3
Total Hours					25
					Total Hours
<b>Humanities (Select 3 hours)</b>					
MUS 121	Introduction to Music Listening	3	MUSIC 1150	Music Understanding and Appreciation	3
THEA 120	Introduction to Theater	3	THEATRE 1190	Theatre Appreciation	3
ENGL 236	British Literature I	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
PHIL 121	Introduction to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
	<i>See your advisor for course options</i>			Other fine art, literature, or philosophy elective	
Total Hours					3
					Total Hours
<b>Social Sciences (Select 6 hours)</b>					
ECON 230 or ECON 231	Economics or Economics II	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
HIST 140	U.S. History to 1877	3	HISTORY 1300	American History to 1877	3
HIST 141	U.S. History since 1877	3	HISTORY 1310	American History since 1877	3
POLS 122 or POLS 124	Political Science or American National Government	3	POL SCI 1200	American Government	3
PSYC 130	Introduction to Psychology	3	PSYCH 1101	General Psychology	3
	<i>See your advisor for course options</i>			Other history, economics, political science, psychology, or sociology.	
Total Hours					6
					Total Hours
<b>Additional Degree Requirements (Select up to 5 hours)</b>					
BIOL 205	General Genetics	4	BIO SCI 2223	General Genetics	3
BIOL 130	Environmental Science	3	BIO SCI 2263	Ecology	3
HIST 125 or HIST 151	Western Civilization: Readings & Discussion I or World History I: Traditional World	3	HISTORY 1100	Early Western Civilization	3
HIST 126	Western Civilization: Readings and Discussion II	3	HISTORY 1200	Modern Western Civilization	3
Total Hours					5
					Total Hours

**Maximum credit hours to be transferred to Missouri S&T degree requirements. 60**

Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.  
 Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree.  
 Students are not required to complete all courses on this guide before transferring to Missouri S&T.