

# State Fair Community College — Missouri S&T

## Biological Sciences BA Transfer Guide

Effective as of Fall 2020

### State Fair Community College

### Missouri S&T

#### Communication Skills (Take all courses)

ENGL 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	English Composition II (or other composition course)	3	ENGLISH 1160	Writing and Research (or other composition course)	3
COM 101	Public Speaking (if required for AA degree)	3	SPMS 1185	Principles of Speech (Not required for S&T degree. Transfers as a free elective)	3
	Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	11		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	11
<b>Total Hours</b>			<b>20</b>		

#### Math and Sciences (Take all courses)

MATH 102 or MATH 114	Intermediate Algebra or Precalculus Algebra (or higher level math)	3	MATH 1103 or MATH 1140	Fundamentals of Algebra or College Algebra (or higher level math)	3
BIO 125	Biology I with Lab	5	BIO SCI 1213, 1219	Principles of Biology and Lab	5
BIO 126	Biology II with Lab	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
CHEM 123	General Chemistry I with Lab	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 124	General Chemistry II with Lab	5	CHEM 1320, 1510*	General Chemistry II (3) and Qualitative Analysis (2)* <small>Note: CHEM 1510 is not an S&amp;T degree requirement; course will transfer as elective credit.</small>	3
CIS 155 or MATH 119 or MATH 127 or	Programming in C# or Statistical Reasoning or Business Statistics	3	CS 1500 or STAT 1115	Computational Problem Solving or Statistics for Social Sciences I <small>(Or other statistics or computer class. Statistics preferred; computer class is acceptable.)</small>	3
<b>Total Hours</b>			<b>26</b>		

#### Humanities (Select 3 hours)

ART 101	Art Appreciation	3	ART 1180	Art Appreciation	3
MUS 101	Music Appreciation	3	MUSIC 1150	Music Understanding and Appreciation	3
THEA 107	Intro to Theatre	3	THEATRE 1190	Theatre via Video	3
LIT 112 or LIT 107 or LIT 109	World Literature or American Literature or British Literature <small>(or other literature elective)</small>	3	ENGLISH 1231	World Literature I or American Literature Elective or British Literature Elective <small>(or other literature elective)</small>	3
PHIL 101	Introduction to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
	<i>See your advisor for course options</i>			Other fine art, English or American literature, or philosophy elective	
<b>Total Hours</b>			<b>3</b>		

#### Social Sciences (Select 6 hours)

ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
HIST 101	US History Before 1877	3	HISTORY 1300	American History to 1877	3
HIST 102	US History Since 1877	3	HISTORY 1310	American History since 1877	3
POLS 101	American/National Government	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
	<i>See your advisor for course options</i>			Other history, economics, political science, psychology, or sociology.	
<b>Total Hours</b>			<b>6</b>		

#### Additional Degree Requirements (Select up to 11 hours)

BIO 210	Principles of Genetics with Lab	4	BIO SCI 2223	General Genetics	3
CHEM 221	Organic Chemistry I with Lab	5	CHEM 2210, 2219*	Organic Chemistry I (4) and Lab (1)* <small>*Note: CHEM 2219 is not an S&amp;T degree requirement, course will transfer as elective credit.</small>	4
CHEM 222	Organic Chemistry II with Lab	5	CHEM 2220, 2229*	Organic Chemistry II (4) and Lab (1)* <small>*Note: CHEM 2229 is not an S&amp;T degree requirement, course will transfer as elective credit.</small>	4
HIST 108	World Civilization Before 1500	3	HISTORY 1100	Early Western Civilization	3
HIST 109	World Civilization After 1500	3	HISTORY 1200	Modern Western Civilization	3
<b>Total Hours</b>			<b>11</b>		

#### 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.