

# State Fair Community College — Missouri S&T

## Biological Sciences BA

Transfer Guide Effective as of Fall 2024

### 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
Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages	12	Foreign Language	Foreign Language 3 semesters of same language OR 2 semesters of each of two different languages	12
<b>Total Hours</b>			<b>Total Hours</b>		
18			18		

#### Math and Sciences

Take all courses.

MATH 114	Precalculus Algebra (or higher level math)	3	MATH 1140	College Algebra or higher math	3
BIO 112 or BIO 125	Intro to Biology with Lab or Biology I with Lab	5	BIO SCI 1113, 1219	General Biology and Lab	4
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>*CHEM 1510 is not an S&amp;T degree requirement. Will transfer as general credit.</small>	3
<b>Total Hours</b>			<b>Total Hours</b>		
23			19		

#### Humanities

Select 9 hours to include at least one course in each of the following areas: fine arts (art, music, or theatre), philosophy, literature.

ART 101 or MUS 101 or THEA 107	Art Appreciation or Music Appreciation or Intro to Theatre or other fine art	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video or other fine art	3
LIT 109 or LIT 107 or LIT 112	British Literature or American Literature or World Literature or other literature	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 1231	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or World Literature I or other literature	3
PHIL 101	Introduction to Philosophy or other philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy or other philosophy	3
<b>Total Hours</b>			<b>Total Hours</b>		
9			9		

#### Social Sciences

Select 6 hours to include classes in two of the following three areas: economics, political science, and psychology.

ECON 102 or ECON 101	Principles of Microeconomics or Principles of Macroeconomics or other economics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics or other economics	3
POLS 101	American/National Government or other political science	3	POL SCI 1200	American Government or other political science	3
PSY 101	General Psychology or other psychology	3	PSYCH 1101	General Psychology or other psychology	3
<b>Total Hours</b>			<b>Total Hours</b>		
6			6		

#### Additional Degree Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

MATH 119 or MATH 127 or	Statistical Reasoning or Business Statistics	3	STAT 1115*	Statistics for the Social Sciences I* <small>Satisfies a computer science/statistics requirement. Credit hours apply to degree totals as indicated for each course. *Will be substituted for STAT 3111.</small>	3
BIO 210	Principles of Genetics with Lab	4	BIO SCI 2223	General Genetics	3
CHEM 221	Organic Chemistry I with Lab	5	CHEM 2210	Organic Chemistry I	4
CHEM 222	Organic Chemistry II with Lab	5	CHEM 2220	Organic Chemistry II	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

#### 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.