

# St. Louis Community College — Missouri S&T

## Biological Sciences BA

Transfer Guide Effective as of Fall 2024

### St. Louis Community College

### Missouri S&T

#### Communication Skills

Take all courses.

ENG 101	College Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	College 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>18</b>		

#### Math and Sciences

Take all courses.

MTH 160	Precalculus Algebra or higher math	3	MATH 1140	College Algebra or higher math	3
BIO 111 or BIO 140	Intro to Biology I (4) or Principles of Biology I (5)	4	BIO SCI 1113, 1219 or BIO SCI 1213, 1219	General Biology and Lab or Principles of Biology and Lab	4
BIO 141	Principles of Biology II	5	BIO SCI 1223, 1229	Biodiversity and Lab	4
CHM 105	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 106	General Chemistry II	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>22</b>		

#### 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 100 or MUS 114 or THT 101	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
ENG 211 or ENG 204 or ENG 231 or ENG 216 or ENG 217	British Literature II or American Literature I or World Literature or Women in Literature or Major Black Writers or other literature	3	ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1231 or ENGLISH 2242 or ENGLISH 2245 or	British Literature II: 1800 to Present or American Literature: 1600 to 1865 or World Literature I or Literature by Women or African American Literature or other literature	3
PHL 101	Intro to Philosophy or other philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy or other philosophy	3
<b>Total Hours</b>			<b>9</b>		

#### Social Sciences

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

ECO 152 or ECO 151	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
PSC 101	Intro to American Politics or other political science	3	POL SCI 1200	American Government or other political science	3
PSY 200	General Psychology or other psychology	3	PSYCH 1101	General Psychology or other psychology	3
<b>Total Hours</b>			<b>6</b>		

#### Additional Degree Requirements

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

BUS 201* or MTH 180* or ESC 101 or IS 167 or IS 267	Elementary Statistics* (3) or Introductory Statistics* (3) or Scientific Computer Programming (3) or C++ Programming I (4) or C++ Programming II (4)	3-4	STAT 1115* or CS 1971, 1981	Statistics for the Social Sciences I* (3) or Intro to Programming Method and Lab (3) <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>	3-4
BIO 225	Genetics	5	BIO SCI 2223	General Genetics	3
BIO 117	Conservation and Ecology	3	BIO SCI 2263	Ecology	3
CHM 206	Organic Chemistry I	3	CHEM 2210	Organic Chemistry I	4
CHM 207	Organic Chemistry II	3	CHEM 2220	Organic Chemistry II	4
HST 115	Ancient and Medieval History to 1500	3	HISTORY 1100	Early Western Civilization	3
HST 128	Western Civilization 1500 to Present	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.