

# Three Rivers College — Missouri S&T

## Biological Sciences BS Transfer Guide

Effective as of Fall 2020

### Three Rivers College

### Missouri S&T

#### Communication Skills (Take all courses)

ENGL 111	College Writing	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 112	Advanced College Writing	3	ENGLISH 1160	Writing and Research	3
SCOM 110	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
Total Hours			9		

#### Social Sciences (Select 9 credit hours to include one course to satisfy state requirement)

HIST 122 or HIST 111 or HIST 112 or GOVT 121	World Civilization since the Renaissance or American History to 1877 or American History since 1877 or National and State Government <small>(At least one of these courses is required to satisfy state requirement)</small>	3	HISTORY 1200 or HISTORY 1300 or HISTORY 1310 or POL SCI 1200	Modern Western Civilization or American History to 1877 or American History Since 1877 or American Government <small>(At least one of these courses is required to satisfy state requirement)</small>	3
ECON 212 or ECON 211	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
PSYC 111	General Psychology	3	PSYCH 1101	General Psychology	3
Total Hours			9		

*See your advisor for course options*

#### Humanities (Select 6 hours)

ARTS 123 or ARTS 110	History and Appreciation of Art or to Art	Intro 3	ART 1180	Art Appreciation	3
MUSC 123	History and Appreciation of Music	3	MUSIC 1150	Music Understanding and Appreciation	3
THEA 120	History and Appreciation of Theatre	3	THEATRE 1190	Theatre via Video	3
ENGL 231	English Literature to 1798	3	ENGLISH 1211	British Literature I: The Beginnings to 1800	3
ENGL 241	American Literature to 1870	3	ENGLISH 1221	American Literature: 1600 to 1865	3
ENGL 221	World Literature to 1600	3	ENGLISH 1231	World Literature I	3
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy	3
Total Hours			6		

*See your advisor for course options*

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

MATH 171	Analytical Geometry and Calculus I	5	MATH 1214	Calculus for Engineers I	4
CHEM 121	General Chemistry I	5	CHEM 1310,1319	General Chemistry I (4) and Lab (1)	5
CHEM 122	General Chemistry II	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 transfers as elective credit.</small>	3
PHYS 211	General Physics I	5	PHYSICS 1135	Engineering Physics I	5
PHYS 212	General Physics II	5	PHYSICS 2135	Engineering Physics II	5
BIOL 101	General Biology	5	BIO SCI 1113, 1219	General Biology and Lab	5
Total Hours			30		

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

**64**

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.