

Three Rivers College — Missouri S&T

Biological Sciences BA

Transfer Guide Effective as of Fall 2025

Students are not required to complete all courses on this guide before transferring to Missouri S&T.

Three Rivers College

Missouri S&T

Communication Skills

Take all courses.

ENGL 111	College Writing	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 112 or SCOM 110	English Composition II or Public Speaking	3	ENGLISH 1160 or SPMS 1185	Writing and Research or Principles of Speech Applies to degree as Gen Ed Communication requirement.	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
Total Hours 18			Total Hours 18		

Major Requirements

Take all courses.

BIOL 191	Biology I	4	BIO SCI 1213, 1219	Principles of Biology and Lab	4
BIOL 192	Biology II	4	BIO SCI 1223, 1229	Biodiversity and Lab	4
CHEM 121	General Chemistry I	4	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 122	General Chemistry II	4	CHEM 1320, 1510*	General Chemistry II (3) and Qualitative Analysis (2) *CHEM 1510 is not a degree requirement, transfers as general elective credit.	3
Total Hours 16			Total Hours 16		

Math and Physical Sciences

Select 9 hours to include college algebra or higher math.

MATH 163	College Algebra for Calculus or higher math	3	MATH 1140	College Algebra or higher math	3
Physics or Geology	Other physics or geology.	3	Physics or Geology	Other physics or geology.	3
Mathematics	Other mathematics higher than college algebra.	3	Mathematics	Other mathematics higher than college algebra.	3
Total Hours 9			Total Hours 9		

Humanities

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

ARTS 123 or ARTS 110 or MUSC 123 or THEA 120	History and Appreciation of Art or Intro to Art or History and Appreciation of Music or History and Appreciation of Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Understanding and Appreciation or Theatre via Video	3
ENGL 231 or ENGL 232 or ENGL 241 or ENGL 242 or ENGL 221	English Literature to 1798 or English Literature since 1798 or American Literature to 1870 or American Literature since 1870 or World Literature to 1600	3	ENGLISH 1211 or ENGLISH 1212 or ENGLISH 1221 or ENGLISH 1222 or ENGLISH 1231	British Literature I: The Beginnings to 1800 or British Literature II: 1800 to Present American Literature: 1600 to 1865 or American Literature: 1865 to Present or World Literature I: Beginnings to the Renaissance	3
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Self and World: Intro to Philosophy	3
Total Hours 9			Total Hours 9		

Social Sciences

Select 9 hours to include 6 hours in two of the following three areas: economics, political science, and psychology.

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
GOVT 121	National and State Government	3	POL SCI 1200	American Government	3
PSYC 111	General Psychology	3	PSYCH 1101	General Psychology	3
Total Hours 9			Total Hours 9		

Additional Degree Requirements

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

MATH 223	Probability and Statistics	3	STAT 1115*	Statistics for the Social Sciences I* *Will be substituted for STAT 3111.	3
HIST 121	World Civilization to the Renaissance	3	HISTORY 1100	Early Western Civilization	3
HIST 122	World Civilization since the Renaissance	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.

This transfer guide is published by Missouri University of Science and Technology and is in effect as of Fall 2025.
Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.