

Three Rivers College — Missouri S&T

Chemistry 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	Advanced College Writing	3	ENGLISH 1160	Writing and Research 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			Total Hours
		18			18

Mathematics and Sciences

Take all courses.

MATH 171	Analytical Geometry and Calculus I	5	MATH 1214	Calculus I	4
MATH 271	Analytical Geometry and Calculus II	5	MATH 1215	Calculus II	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 and Qualitative Analysis	5
BIOL 100 or BIOL 191	Survey of Biological Principles (3) MOTR BIOL 100 or Biology I (4)	3	BIO SCI 1113 or BIO SCI 1213, 1219*	General Biology (3) MOTR BIOL 100 or Principles of Biology* (3) and Lab* (1) or other biological science Satisfies a biological sciences elective requirement. The lab is not a degree requirement, will transfer as general elective credit.	3
		Total Hours			Total Hours
		21			21

Humanities

Select up to 12 hours to include at least one course in each of the three areas of literature (English and American), philosophy, and non-performance fine arts (art, music, and theater).

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
Humanities Elective	Other fine art, literature, or philosophy	3	Humanities Elective	Other fine art, literature, or philosophy	3
		Total Hours			Total Hours
		12			12

Social Sciences

Select up to 15 hours in two areas to include History 1100 and 1200.

HIST 121	World Civilization to the Renaissance	3	HISTORY 1100	Early Western Civilization required	3
HIST 122	World Civilization since the Renaissance	3	HISTORY 1200	Modern Western Civilization required	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
GOVT 121	National and State Government	3	POL SCI 1200	American Government	3
PSYC 111	General Psychology	3	PSYCH 1101	General Psychology	3
HIST 111	American History to 1877	3	HISTORY 1300	American History to 1877	3
HIST 122	American History since 1877	3	HISTORY 1310	American History since 1877	3
Social Science	Other history, economics, political science, psychology, or sociology	3	Social Science	Other history, economics, political science, psychology, or sociology	3
		Total Hours			Total Hours
		15			15

Additional Degree Requirements

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

MATH 272	Analytical Geometry and Calculus III	5	MATH 2222	Calculus III	4
PHYS 211	General Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHYS 212	General Physics II	5	PHYSICS 2135	Engineering Physics II	4

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.