

Three Rivers College — Missouri S&T

Chemistry BA 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
	Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	9-12		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	9-12
Total Hours			15-18		

Mathematics and Sciences (Take all courses)

MATH 171	Analytical Geometry and Calculus I	5	MATH 1214	Calculus for Engineers I	4
MATH 271	Analytical Geometry and Calculus II	5	MATH 1215	Calculus for Engineers II	4
CHEM 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 122	General Chemistry II	5	CHEM 1320, 1510	General Chemistry II and Qualitative Analysis	5
Total Hours			20		

Humanities

(Select up to 9 hours to include at least 1 fine art, 1 English, and 1 philosophy)

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 Appreciation or Theatre via Video (or other fine art)	3
ENGL 231 or ENGL 241 or ENGL 221	English Literature to 1798 or American Literature to 1870 or World Literature to 1600 (or other literature elective)	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 elective)	3
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Intro to Philosophy (or other philosophy)	3
	<i>See your advisor for course options</i>			Other fine art, literature, or philosophy elective	3
Total Hours			9		

Social Sciences

(Select up to 12 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
	<i>See your advisor for course options</i>			Other history, economics, political science, psychology, or sociology	
Total Hours			12		

Additional Degree Requirements (Select additional courses to total 60 credit hours)

MATH 272	Analytical Geometry and Calculus III	5	MATH 2222	Calculus with Analytic Geometry 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
BIOL 101 or BIOL 190	General Biology or Biology for Majors	5	BIO SCI 1113, 1219* or BIO SCI 1213, 1219*	General Biology (3) and Lab* (2) or Principles of Biology (3) and Lab* (2)	3

*Note: BIO SCI 1219 is not a Missouri S&T degree requirement; course will transfer as elective credit.

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.