

Three Rivers College — Missouri S&T

Chemistry BS Transfer Guide

Effective as of Fall 2017

Three Rivers College

Missouri S&T

Communication Skills (Take all courses)

ENGL 111	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 112	English Composition II	3	ENGLISH 1160	Writing and Research	3
SCOM 110	Public Speaking (Required for AA degree)	3	SPMS 1185	Principles of Speech (Applies to S&T degree as Free Elective)	3
Total Hours			Total Hours		
9			9		

Mathematics and Science (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
MATH 272	Analytical Geometry and Calculus III	5	MATH 2222	Calculus with Analytic Geometry III	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	3
PHYS 211	General Physics I	5	PHYSICS 1135	Engineering Physics I	4
PHYS 212	General Physics II	5	PHYSICS 2135	Engineering Physics II	4
Total Hours			Total Hours		
35			28		

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

HIST 122 or HIST 111 or HIST 112 or GOVT 121	World Civ since Renaissance or American History to 1877 or American History Since 1877 or National & State Government (At least one of these courses is required to satisfy state requirement)	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 (At least one of these courses is required to satisfy state requirement)	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			Total Hours		
9			9		
<i>See your advisor for course options</i>			Other economics, history, political science, sociology, psychology elective.		
Total Hours			Total Hours		
9			9		

Humanities (Select 9 credit hours to include at least one literature course)

ENGL 231 or ENGL 241	English Literature to 1798 or American Literature to 1870	3	ENGLISH 1211 or ENGLISH 1221 (required)	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or other literature (at least one literature course is required)	3
ARTS 123 MUSC 123 or THEA 120	History and Appreciation of Art Music Appreciation or History and Appreciation of Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre Appreciation or other fine art	3
Total Hours			Total Hours		
6			6		
<i>See your advisor for course options</i>			PHILOS 1105 Intro to Philosophy or other philosophy Other fine art, literature, or philosophy elective		
Total Hours			Total Hours		
6			6		

Additional Degree Requirements (Select up to 15 hours)

BIOL 101	General Biology (Required for AA degree)	5	BIO SCI 1113	General Biology (Required for pre-med or bio-chem emphases. Otherwise, applies to S&T degree as free elective)	3
Total Hours			Total Hours		
15			15		

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

71

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.