

Three Rivers College — Missouri S&T

Chemistry BA with Secondary Education Teacher Certification 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	3	SPMS 1185	Principles of Speech	3
		Total Hours	9		
				Total Hours	9

Social Sciences (Take all courses)

HIST 111 or HIST 112	American History to 1877 or American History Since 1877 or	3	HISTORY 1300 or HISTORY 1310	American History to 1877 or American History since 1877	3
GOVT 121	National & 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

Humanities (Take all courses)

ARTS 123	History and Appreciation of Art		ART 1180 or	Art Appreciation or	
MUSC 123 or THEA 120	Music Appreciation or History and Appreciation of Theatre	3	MUSIC 1150 or THEATRE 1190	Music Appreciation or Theatre Appreciation	3
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
ENGL 241 or ENGL 242	American Literature to 1870 or American Literature since 1870	3	ENGLISH 1221 or ENGLISH 1222	American Literature: 1600 to 1865 or American Literature 1865 to Present	3
		Total Hours	9		
				Total Hours	9

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
BIOL 101	General Biology	5	BIO SCI 1113	General Biology	3
		Total Hours	25		
				Total Hours	21

Additional Degree Requirements (Select up to 19 hours)

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	15		
				Total Hours	16

Teacher Certification Requirements (Take all courses)

EDUC 230	Foundations of Education	3	EDUC 1040	Perspectives in Education	2
EDUC 210	Educational Psychology	3	PSYCH 2300 or EDUC 2102	Educational Psychology	3
PSYC 243	Human Dev Across the Life Span	3	PSYCH 3310	Developmental Psychology	3
		Total Hours	9		
				Total Hours	8

***Teacher certification notes:** Passing scores on MoGEA and MoCA are required. Students must maintain a minimum 2.75 cumulative GPA and a minimum 3.0 content GPA. Students completing this program will have a BA degree in Chemistry with secondary education teacher certification.

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

75

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.