

Three Rivers College — Missouri S&T

Biological Sciences 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)

GOVT 121	National & State Government	3	POL SCI 1200	American Government	3
PSYC 111	General Psychology	3	PSYCH 1101	General Psychology	3
Total Hours					6
Total Hours					6

Humanities (Take all courses)

ARTS 123	History and Appreciation of Art		ART 1180 or	Art Appreciation or	
MUSC 123 or	Music Appreciation or	3	MUSIC 1150 or	Music Appreciation or	3
THEA 120	History and Appreciation of Theatre		THEATRE 1190	Theatre Appreciation	
PHIL 200	Intro to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
				Literature Elective	3
Total Hours					6
Total Hours					9

Mathematics and Sciences (Take all courses)

MATH 153 or	Intermediate Algebra or	3 or	MATH 1103 or	Fundamentals of Algebra or	3 or
MATH 163 or	College Algebra for Calculus or	3 or	MATH 1140 or	College Algebra or	3 or
MATH 171	Analytical Geometry and Calculus I	5	MATH 1208	Calculus with Analytical Geometry I or higher level math	5
CHEM 121	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 122	General Chemistry II	5	CHEM 1320	General Chemistry II	3
BIOL 190	Biology for Majors	5	BIO SCI 1213, 1219	Principles of Biology and Lab	5
Total Hours					15
Total Hours					16-18

Additional Degree Requirements (Select up to 9 hours)

HIST 121	World Civ to Renaissance	3	HISTORY 1100	World Civ to Renaissance/ceilation	3
HIST 122	World Civ since Renaissance	3	HISTORY 1200	Modern Western Civilization	3
				Mathematics, physics, or geology elective	
Total Hours					13
Total Hours					13

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
				Biological Sciences Computer Elective	3
Total Hours					9
Total Hours					11

***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.

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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.