

Crowder College — Missouri S&T

Biological Sciences BA with Secondary Education Teacher Certification Transfer Guide Effective as of Fall 2017

Crowder College

Missouri S&T

Communication Skills (Take all courses)

ENGL 101	English Composition	3	ENGLISH 1120	Exposition and Argumentation	3
ENGL 102	English Composition II	3	ENGLISH 1160	Writing and Research	3
SPCH 101	Speech	3	SPMS 1185	Principles of Speech	3
Total Hours			9	Total Hours	
			9		

Social Sciences (Take all courses)

PLSC 103	National, State, and Local Governments	3	POL SCI 1200	American Government	3
PSYC 101	General Psychology	3	PSYCH 1101	General Psychology	3
Total Hours			6	Total Hours	
			6		

Humanities (Take all courses)

ART 101 or MUSC 101	Art Appreciation or Music History and Appreciation	3	ART 1180 or MUSIC 1150	Art Appreciation or Music Appreciation	3
PHIL 101	Introduction to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
				Literature Elective	3
Total Hours			6	Total Hours	
			6		

Mathematics and Sciences (Take all courses)

MATH 100 or MATH 111 or MATH 150, 160	Intermediate Algebra or College Algebra or Calculus I Part I and II	3 or 3or 5	MATH 1103 or MATH 1140 or MATH 1208	Fundamentals of Algebra or College Algebra or Calculus with Analytical Geometry I or higher level math	3 or 3 or 5
CHEM 111	General Chemistry	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHEM 112	General Chemistry II	5	CHEM 1320	General Chemistry II	3
Total Hours			10	Total Hours	
			10		

Additional Degree Requirements (Select up to 9 hours)

GEO 105	Geology	5	GEOLOGY 1110	Physical and Environmental Geology	3
BIOL 105	Environmental Science	5	BIO SCI 1173	Introduction to Environmental Sciences	3
HIST 101	Western Civilization	3	HISTORY 1100	Early Western Civilization	3
HIST 102	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3
				Mathematics, physics, or geology elective	3
Total Hours			13	Total Hours	
			13		

Teacher Certification Requirements (Take all courses)

EDUC 203	Foundations of Education	3	EDUC 1040	Perspectives in Education	2
EDUC 230	Education Psychology	3	PSYCH 2300 or EDUC 2102	Educational Psychology	3
				Biological Sciences Computer Elective	3
Total Hours			6	Total Hours	
			6		

***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.

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.