

Jefferson College — Missouri S&T

Biological Sciences BA with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2017

Partner School		Missouri S&T			
Communication Skills (Take all courses)					
ENG 101	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 102	Composition and Rhetoric II	3	ENGLISH 1160	Writing and Research	3
COM 110	Public Speaking	3	SPMS 1185	Principles of Speech	3
		Total Hours	9		
		Total Hours	9		
Social Sciences (Take all courses)					
PSC 102	US and Missouri Govt. and Constitution	3	POL SCI 1200	American Government	3
PSY 101	General Psychology	3	PSYCH 1101	General Psychology	3
		Total Hours	6		
		Total Hours	6		
Humanities (Take all courses)					
ART 101 or MUS 121 or THT 100	Art Appreciation or Appreciation of Music or Intro to Theatre	3	ART 1180 or MUSIC 1150 or THEATRE 1190	Art Appreciation or Music Appreciation or Theatre Appreciation	3
PHL 102	Intro to Philosophy	3	PHILOS 1105 or PHILOS 1115	Introduction to Philosophy or Intro to Logic	3
		Total Hours	9		
		Total Hours	9		
Mathematics and Sciences (Take all courses)					
MTH 134 or MTH 180	College Algebra or Calculus I or higher level math	3 or 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
CHM 111	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
CHM 112	General Chemistry II	5	CHEM 1320	General Chemistry II	3
BIO 101	General Biology	5	BIO SCI 1213, 1219	Principles of Biology and Lab	5
		Total Hours			16-18
Additional Degree Requirements (Select up to 9 hours)					
PHY 106	Introduction to Astronomy	4	PHYSICS 1145 or PHYSICS 1505	College Physics I or Astronomy	3
BIO 201	Genetics	4	BIO SCI 2223	General Genetics	3
CHM 200	Organic Chemistry I	5	CHEM 2210	Organic Chemistry I	4
CHM 201	Organic Chemistry II	5	CHEM 2220	Organic Chemistry II	4
HIST 101	Ancient and Medieval Civilization	3	HISTORY 1100	Early Western Civilization	3
HIST 102	Renaissance to Early Modern Europe	3	HISTORY 1200	Modern Western Civilization	3
		<i>See your advisor for course options</i>		Mathematics, physics, or geology elective	
		Total Hours			9
Teacher Certification Requirements (Take all courses)					
EDU 210	Foundations of Education	3	EDUC 1040	Perspectives in Education	2
EDU 225	Educational Psychology	3	PSYCH 2300 or EDUC 2102	Educational Psychology	3
PSY 201	Child Psychology	3	PSYCH 3310	Developmental Psychology	3
		3			3
		Total Hours	12		
		Total Hours	11		
<p>*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.</p>					
<p>Maximum credit hours to be transferred to Missouri S&T degree requirements. 60</p>					
<p style="text-align: center;">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.</p>					
<p style="font-size: small;">This transfer guide is published by Missouri University of Science and Technology and is in effect as of the 2017/2018 academic year. Further information or updates are available from Missouri S&T Transfer Admissions at transfer.mst.edu, transfer@mst.edu, or 800-522-0938.</p>					