

# Ozarks Technical Community College — Missouri S&T

## Biological Sciences BA with Secondary Education Teacher Certification Transfer Guide

Effective as of Fall 2017

<u>Ozarks Technical Community College</u>				<u>Missouri S&amp;T</u>			
<b>Communication Skills (Take all courses)</b>							
ENG 101	Composition I	3		ENGLISH 1120	Exposition and Argumentation	3	
ENG 102	Composition II	3		ENGLISH 1160	Writing and Research	3	
COM 105	Public Speaking	3		SPMS 1185	Principles of Speech	3	
Total Hours				9		Total Hours	
<b>Social Sciences (Take all courses)</b>							
PLS 101	American Government Politics	3		POL SCI 1200	American Government	3	
PSY 110	Intro to Psychology	3		PSYCH 1101	General Psychology	3	
Total Hours				6		Total Hours	
<b>Humanities (Take all courses)</b>							
ART 110 or MUS 101 or THE 101 PHL 101	Art and Experience or Western Music Appreciation or Introduction to Theatre Introduction to Philosophy	3		ART 1180 or MUSIC 1150 or THEATRE 1190 PHILOS 1105	Art Appreciation or Music Appreciation or Theatre Appreciation Introduction to Philosophy Literature Elective	3 3 3 3	
Total Hours				6		Total Hours	
<b>Mathematics and Sciences (Take all courses)</b>							
MTH 130 or MTH 140	College Algebra or Analytical Geometry/Calculus I or higher level math	3 or 5		MATH 1140 or MATH 1208	College Algebra or Calculus with Analytical Geometry I or higher level math	3 or 5	
CHM 160, 161 CHM 170	General Chemistry General Chemistry II	5 3		CHEM 1310, 1319 CHEM 1320	General Chemistry I and Lab General Chemistry II	5 3	
Total Hours				8		Total Hours	
<b>Additional Degree Requirements (Select up to 9 hours)</b>							
PHY 120 or PHY 100 PHY 110 BIO 170 BIO 105 BIO 250 BIO 275 CHM 242 HST 101 HST 102	General Physics or to Astronomy Intro to Geology General Biology II Environmental Science Genetics Environmental Biology Organic Chemistry I Western Civilization to 1350 Western Civilization 1350 to Present <i>See your advisor for course options</i>	Intro 4 4 4 4 4 4 5 3 3		PHYSICS 1145 or PHYSICS 1505 GEOLOGY 1110 BIO SCI 1223, 1229 BIO SCI 1173 BIO SCI 2223 BIO SCI 2263 CHEM 2210 HISTORY 1100 HISTORY 1200	College Physics I or Astronomy Physical and Environmental Geology Biodiversity and Lab Introduction to Environmental Sciences General Genetics Ecology Organic Chemistry I Early Western Civilization Modern Western Civilization Mathematics, physics, or geology elective	3 3 3 4 3 3 3 4 3 3 3	
Total Hours				13		Total Hours	
<b>Teacher Certification Requirements (Take all courses)</b>							
EDU 220 EDU 250 PSY 130	Foundations of Education Educational Psychology Life Span Developmental Psychology	3 3 3		EDUC 1040 PSYCH 2300 or EDUC 2102 PSYCH 3310	Perspectives in Education Educational Psychology Developmental Psychology Biological Sciences Computer Elective	2 3 3 3	
Total Hours				9		Total Hours	
<p><b>*Teacher certification notes:</b> 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>							<b>71</b>
<p><b>Maximum credit hours to be transferred to Missouri S&amp;T degree requirements.</b></p>							
<p>Missouri S&amp;T residency requirements: The last 60 hours of any Missouri S&amp;T degree must be completed at Missouri S&amp;T. Students must receive special permission from Missouri S&amp;T to apply more than the maximum credit hours listed above toward the Missouri S&amp;T degree. Students are not required to complete all courses on this guide before transferring to Missouri S&amp;T.</p>							
<p>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&amp;T Transfer Admissions at <a href="http://transfer.mst.edu">transfer.mst.edu</a>, <a href="mailto:transfer@mst.edu">transfer@mst.edu</a>, or 800-522-0938.</p>							