# Metropolitan Community College — Missouri S&T

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

Effective as of Fall 2023

<table>
<thead>
<tr>
<th>Metropolitan Community College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Communication Skills (Take all courses)</strong></td>
<td></td>
</tr>
<tr>
<td>ENGL 101 Composition and Reading I</td>
<td>ENGLISH 1120 Exposition and Argumentation</td>
</tr>
<tr>
<td>ENGL 102 or Composition and Reading II or</td>
<td>ENGLISH 1160 or Writing and Research or</td>
</tr>
<tr>
<td>ENGL 215 Technical Writing</td>
<td>ENGLISH 3560 Technical Writing</td>
</tr>
<tr>
<td>COMM 100 Fundamentals of Speech</td>
<td>SPMS 1185 Principles of Speech</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
<tr>
<td>9</td>
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</table>

## Social Sciences (Take all courses)

<table>
<thead>
<tr>
<th>Metropolitan Community College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>POLS 136 Introduction to American Politics</td>
<td>POL SCI 1200 American Government</td>
</tr>
<tr>
<td>PSYC 140 General Psychology</td>
<td>PSYCH 1101 General Psychology</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
<tr>
<td>6</td>
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## Humanities (Take all courses)

<table>
<thead>
<tr>
<th>Metropolitan Community College</th>
<th>Missouri S&amp;T</th>
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</thead>
<tbody>
<tr>
<td>ART 108 or Survey of Art or</td>
<td>ART 1180 or Art Appreciation or</td>
</tr>
<tr>
<td>MUSI 108 or Music Appreciation or</td>
<td>MUSIC 1150 or Music Appreciation or</td>
</tr>
<tr>
<td>SPDR 106 Theater Appreciation</td>
<td>THEATRE 1190 Theatre via Video</td>
</tr>
<tr>
<td>PHIL 100 or Introduction to Philosophy or</td>
<td>PHILOS 1105 or Intro to Philosophy or</td>
</tr>
<tr>
<td>PHIL 200 Logic</td>
<td>PHIL 1115 Intro to Logic</td>
</tr>
<tr>
<td>ENGL 220 or British Literature to 1750 or</td>
<td>ENGLISH 1211 or British Literature I: The Beginnings to 1800 or</td>
</tr>
<tr>
<td>ENGL 222 or American Literature I or</td>
<td>ENGLISH 1221 or American Literature: 1600 to 1865 or</td>
</tr>
<tr>
<td>ENGL 254 or World Literature I or</td>
<td>ENGLISH 1231 or World Literature I or</td>
</tr>
<tr>
<td>ENGL 260 or African-American Literature or</td>
<td>ENGLISH 2245 or African American Literature or</td>
</tr>
<tr>
<td>ENGL 268 Women's Literature</td>
<td>ENGLISH 2242 or Literature by Women</td>
</tr>
<tr>
<td>(or other literature elective)</td>
<td>(or other literature elective)</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
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<tr>
<td>9</td>
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</tbody>
</table>

## Mathematics and Sciences (Take all courses)

<table>
<thead>
<tr>
<th>Metropolitan Community College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 1103 or Fundamentals of Algebra or</td>
<td>MATH 1103 or Fundamentals of Algebra or</td>
</tr>
<tr>
<td>MATH 1140 College Algebra (or higher math)</td>
<td>MATH 1140 College Algebra (or higher math)</td>
</tr>
<tr>
<td>CHEM 1310, 1319 General Chemistry I and Lab</td>
<td>CHEM 1320 General Chemistry II</td>
</tr>
<tr>
<td>CHEM 1320 General Chemistry II</td>
<td>CHEM 1320 General Chemistry II</td>
</tr>
<tr>
<td>BIO SCI 1213,1219 or Principles of Biology and Lab or</td>
<td>BIO SCI 1113, 1219 General Biology and Lab</td>
</tr>
<tr>
<td>BIO SCI 1113, 1219 General Biology and Lab</td>
<td>BIO SCI 1113, 1219 General Biology and Lab</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
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<td>14</td>
<td>13</td>
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</table>

## Additional Degree Requirements

Select additional courses to total up to the maximum transfer credit hours shown below.

<table>
<thead>
<tr>
<th>Metropolitan Community College</th>
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</thead>
<tbody>
<tr>
<td>PHYS 130 or General Physics I (5) or</td>
<td>PHYSICS 1140 or College Physics I or</td>
</tr>
<tr>
<td>PHYS 106 General Astronomy (4)</td>
<td>PHYSICS 1505 Astronomy</td>
</tr>
<tr>
<td>GEOL 101 Physical Geology</td>
<td>GEOLOGY 1110 Physical and Environmental Geology</td>
</tr>
<tr>
<td>BIOI 124 General Biology for Majors I (4) or</td>
<td>BIO SCI 1223, 1229 Biodiversity and Lab</td>
</tr>
<tr>
<td>BIOL 101 or General Biology (5) or</td>
<td>BIO SCI 1173 Intro to Environmental Sciences</td>
</tr>
<tr>
<td>BIOL 118 Intro to Biology (5)</td>
<td>BIO SCI 2223 General Genetics</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
<tr>
<td>13</td>
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</tr>
</tbody>
</table>

## Teacher Certification Requirements (Take all courses)

<table>
<thead>
<tr>
<th>Metropolitan Community College</th>
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</thead>
<tbody>
<tr>
<td>EDUC 100 Introduction to Education</td>
<td>EDUC 1040 Perspectives in Education</td>
</tr>
<tr>
<td>EDUC 270 Educational Psychology</td>
<td>PSYCH 2300 Educational Psychology</td>
</tr>
<tr>
<td>PSYC 241 Human Development</td>
<td>PSYCH 3310 Developmental Psychology</td>
</tr>
<tr>
<td>EDUC 285 Education of Exceptional Learners</td>
<td>PSYCH 4310 Psychology of the Exceptional Child</td>
</tr>
<tr>
<td><strong>Teacher Certification Requirements (Take all courses)</strong></td>
<td><strong>Teacher Certification Requirements (Take all courses)</strong></td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
<tr>
<td>71</td>
<td>71</td>
</tr>
</tbody>
</table>

## Professional Requirements for Teacher Education Program: Please view all program requirements at [https://teachereducation.mst.edu/secondaryeducation/](https://teachereducation.mst.edu/secondaryeducation/).

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

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.