### Missouri S&T — St. Charles Community College
#### Biological Sciences BA Transfer Guide
#### Effective Fall 2014

The following course work will apply to Missouri S&T degree requirements as outlined below. Students are not required to complete all course work before transferring to Missouri S&T.

<table>
<thead>
<tr>
<th>SCC #</th>
<th>Title</th>
<th>Hours</th>
<th>S&amp;T #</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 101</td>
<td>English Composition I</td>
<td>3</td>
<td>EN 1120</td>
<td>Exposition and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>EN 102</td>
<td>English Composition II</td>
<td>3</td>
<td>EN 1160</td>
<td>Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>SP 101</td>
<td>Oral Communications</td>
<td>3</td>
<td>SPMS 1185</td>
<td>Principles of Speech</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)</td>
<td>12</td>
<td></td>
<td>Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)</td>
<td>12</td>
</tr>
<tr>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>21</strong></td>
<td></td>
<td><strong>Total Hours</strong></td>
<td><strong>21</strong></td>
</tr>
</tbody>
</table>

| MAT 162 | College Algebra- STEM | 4 | MATH 1140 | College Algebra | 3 |
| CHM 115 | General Chemistry I and Lab | 5 | CHEM 1310, 1319 | General Chemistry I and Lab | 5 |
| CHM 116 | General Chemistry II and Lab | 5 | CHEM 1320, CHEM 1510* | General Chemistry II and Qualitative Analysis* | 5 |
| CHM 240 | Organic Chemistry I | 3 | CHEM 2210 | Organic Chemistry I | 4 |
| CHM 241 | Organic Chemistry II | 4 | CHEM 2220 | Organic Chemistry II | 4 |

| ART 1001 | Art Appreciation | 3 | ART 1180 | Art Appreciation | 3 |
| MUS 111 | Music Appreciation | 2 | MUSIC 1150 | Music Understanding and Appreciation | 3 |
| THE 122 | Introduction to Theatre | 3 | THEATRE 1190 | Theatre Appreciation | 3 |
| LT 250 | English Literature Before 1800 | 3 | ENGLISH 1211 | British Literature I: The Beginnings to 1800 | 3 |
| LT 210 | American Literature From 1620 - 1865 | 3 | ENGLISH 1221 | American Literature: 1600 to 1865 | 3 |
| LT 220 | American Literature From 1865 - Present | 3 | ENGLISH 1222 | American Literature: 1865 to Present | 3 |
| PHL 101 | Introduction to Philosophy | 3 | PHILOS 1105 | Introduction to Philosophy | 3 |

| ECO 120 or ECO 110 | Principles of Microeconomics or Principles of Macroeconomics | 3 | ECON 1100 or ECON 1200 | Principles of Microeconomics or Principles of Macroeconomics | 3 |
| HIS 101 | US History to 1877 | 3 | HISTORY 1300 | American History to 1877 | 3 |
| HIS 102 | US History Since 1877 | 3 | HISTORY 1310 | American History since 1877 | 3 |
| POL 101 | American Government | 3 | POL SCI 1200 | American Government | 3 |
| PSY 101 | Introduction to Psychology | 3 | PSYCH 1101 | General Psychology | 3 |

| BIO 150 | General Biology | 5 | BIO SCI 1213, 1219 | Principles of Biology and Lab | 5 |
| BIO 151 | General Biology II | 5 | BIO SCI 1223, 1229 or Gen Biology II | Biodiversity and Lab or Principles of Biology II | 4 |
| BIO 120 | Introduction to Ecology | 3 | BIO SCI 2263 | Ecology | 3 |
| HIS 145 | Western Civ, Ancient and Medieval Heritage | 3 | HISTORY 1100 | Early Western Civilization | 3 |
| HIS 146 | Western Civilization of Modern Europe | 3 | HISTORY 1200 | Modern Western Civilization | 3 |

| **Total Hours** | **60** |

### Additional Degree Requirements

<table>
<thead>
<tr>
<th>SCC #</th>
<th>Title</th>
<th>Hours</th>
<th>S&amp;T #</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
</table>

**Additional Degree Requirements** (Select up to 5 hours)

**Total Hours** 6

**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.

---

*This transfer guide is published by Missouri University of Science and Technology and is in effect as of the 2014/2015 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.*