## Missouri S&T — Lewis & Clark 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>LCCC #</th>
<th>Title</th>
<th>Hours</th>
<th>S&amp;T #</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 131</td>
<td>First Year-English I</td>
<td>3</td>
<td>ENGLISH 1120</td>
<td>Exposition and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 132</td>
<td>First Year English II</td>
<td>3</td>
<td>ENGLISH 1160</td>
<td>Writing and Research</td>
<td>3</td>
</tr>
<tr>
<td>SPCH 131</td>
<td>Fundamentals of Speech</td>
<td>3</td>
<td>SPMNS 1185</td>
<td>Principles of Speech (Applies to S&amp;T degree as free elective)</td>
<td>3</td>
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</tbody>
</table>

**Foreign Language**
- (3 semesters of same language OR 2 semesters of each of two different languages)
- 12

**Total Hours**: 21

### Communication Skills (Take all courses)

| MATH 131 | College Algebra | 3 | MATH 1140 | College Algebra | 3 |
| CHEM 141 | General Chemistry I | 5 | CHEM 1310, 1319 | General Chemistry I and Lab | 5 |
| CHEM 142 | General Chemistry II | 6 | CHEM 1320, *1510 | General Chemistry II and "Lab" | 3 |
| CHEM 108 | Organic Chemistry | 4 | CHEM 2210, *2219 | Organic Chemistry I and "Lab" | 4 |
| CHEM 252 | Organic Chemistry II | 4 | CHEM 2220, *2229 | Organic Chemistry II and "Lab" | 4 |

**Statistics Preferred.**
- (Almost any computer class.)
- 3

**Total Hours**: 22

### Mathematics and Sciences (Take all courses)

| ART 141 | History of Art I | 3 | ART 1180 | Art Appreciation | 3 |
| MUSI 130 | Appreciation of Music | 3 | MUSIC 1150 | Music Understanding and Appreciation | 3 |
| LITT 235 | American Literature I | 3 | ENGLISH 1221 | American Literature: 1600 to 1865 | 3 |
| PHIL 131 | Intro to Philosophy | 3 | PHILS 1105 | Introduction to Philosophy | 3 |

**See your advisor for course options**

**Total Hours**: 3

### Humanities (Select 3 hours)

| ECON 152 or ECON 155 | Principles of Microeconomics or Principles of Macroeconomics | 3 | ECON 1100 or ECON 1200 | Principles of Microeconomics or Principles of Macroeconomics | 3 |
| HIST 231 | American Republic: Beginnings-1877 | 3 | HISTORY 1300 | American History to 1877 | 3 |
| HIST 232 | American Nation: 1877-Present | 3 | HISTORY 1310 | American History since 1877 | 3 |
| POLS 131 | American Government | 3 | POL SCI 1200 | American Government | 3 |
| PSYC 131 | General Psychology | 3 | PSYCH 1101 | General Psychology | 3 |

**See your advisor for course options**

**Total Hours**: 6

### Social Sciences (Select 6 hours)

| BIOL 162 | Human Inheritance | 3 | BIO SCI 2223 | General Genetics | 3 |
| BIOL 165 | Ecological Principles | 3 | BIO SCI 2263 | Ecology | 3 |
| HIST 131 | Western Civilization I | 3 | HISTORY 1100 | Early Western Civilization | 3 |
| HIST 132 | Western Civilization III | 3 | HISTORY 1200 | Modern Western Civilization | 3 |

**Total Hours**: 5

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

| Maximum credit hours to be transferred to Missouri S&T degree requirements. | 60 |

**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.