## Communication Skills (Take all courses)

<table>
<thead>
<tr>
<th>Course</th>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101 English Composition I</td>
<td>3</td>
<td>ENGLISH 1120 Exposition and Argumentation</td>
</tr>
<tr>
<td>ENG 102 English Composition II</td>
<td>3</td>
<td>ENGLISH 1160 Writing and Research</td>
</tr>
<tr>
<td>COM 110 Public Speaking (if required for AA degree)</td>
<td>3</td>
<td>SPMS 1185 Principles of Speech</td>
</tr>
<tr>
<td>Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)</td>
<td>12</td>
<td>Foreign Language</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>21</td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

## Math and Sciences (Take all courses)

<table>
<thead>
<tr>
<th>Course</th>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 183 College Algebra</td>
<td>3</td>
<td>MATH 1140 College Algebra (or higher level math)</td>
</tr>
<tr>
<td>BIO 121 Principles of Biology and Lab</td>
<td>5</td>
<td>BIO SCI 1213, 1219 Principles of Biology and Lab</td>
</tr>
<tr>
<td>BIO 122 Principles of Biology II and Lab</td>
<td>5</td>
<td>BIO SCI 1223, 1229 Biodiversity and Lab</td>
</tr>
<tr>
<td>CHM 111 General Chemistry I and Lab</td>
<td>5</td>
<td>CHEM 1310, 1319 General Chemistry I and Lab</td>
</tr>
<tr>
<td>CHM 112 General Chemistry II and Lab</td>
<td>5</td>
<td>CHEM 1320, 1510* General Chemistry II and Quantitative Analysis*</td>
</tr>
<tr>
<td>MTH 150 or Stats or</td>
<td>3</td>
<td>STAT 1115 or Statistics for Social Sciences I or</td>
</tr>
<tr>
<td>BUS 210 or Stats or</td>
<td>5</td>
<td>STAT 1115 or Statistics for Social Sciences I or</td>
</tr>
<tr>
<td>MTH 242 or Stats or</td>
<td>3</td>
<td>STAT 3115 or Engineering Statistics or</td>
</tr>
<tr>
<td>CIS 143 or Stats or</td>
<td>3</td>
<td>IST 1551 or Implementing Infor Sys: User Persp or</td>
</tr>
<tr>
<td>CHM 221 or Stats or</td>
<td>3</td>
<td>CS 1971,1981 or Computational Problem Solving</td>
</tr>
<tr>
<td>CHM 251 or Stats or</td>
<td>3</td>
<td>CS 1500 or (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)</td>
</tr>
<tr>
<td>PHIL 101 Introduction to Philosophy</td>
<td>3</td>
<td><strong>See your advisor for course options</strong></td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
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<td><strong>Total Hours</strong></td>
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</tbody>
</table>

## Humanities (Select 3 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101 Art Appreciation</td>
<td>3</td>
<td>ART 1180 Art Appreciation</td>
</tr>
<tr>
<td>MUS 101 Music Appreciation</td>
<td>3</td>
<td>MUSIC 1150 Music Understanding and Appreciation</td>
</tr>
<tr>
<td>THE 101 Theatre Appreciation</td>
<td>3</td>
<td>THEATRE 1190 Theatre Appreciation</td>
</tr>
<tr>
<td>ENG 210 or Survey British Lit: Beginnings to 1784</td>
<td>3</td>
<td>ENGLISH 1211 or British Literature I: The Beginnings to 1800 or</td>
</tr>
<tr>
<td>ENG 221 or Survey American Lit: Colonial to 1865</td>
<td>3</td>
<td>ENGLISH 1221 or American Literature: 1600 to 1865 or</td>
</tr>
<tr>
<td>ENG 124 or World Literature I or World Literature II</td>
<td>3</td>
<td>ENGLISH 1231 or World Literature I or</td>
</tr>
<tr>
<td>ENG 214 or Women's Literature or</td>
<td>3</td>
<td>ENGLISH 2242 or Literature by Women or</td>
</tr>
<tr>
<td>ENG 215 African-American Literature</td>
<td>3</td>
<td>ENGLISH 2245 or African American Literature</td>
</tr>
<tr>
<td>PHL 101 Introduction to Philosophy</td>
<td>3</td>
<td><strong>See your advisor for course options</strong></td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
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<td><strong>Total Hours</strong></td>
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## Social Sciences (Select 6 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECO 102 or Principles of Microeconomics</td>
<td>3</td>
<td>ECON 1100 or Principles of Microeconomics or</td>
</tr>
<tr>
<td>ECO 101 Principles of Macroeconomics</td>
<td>3</td>
<td>ECON 1200 Principles of Macroeconomics</td>
</tr>
<tr>
<td>HST 101 US History to 1865</td>
<td>3</td>
<td>HISTORY 1300 American History to 1877</td>
</tr>
<tr>
<td>HST 102 US History 1865-1945</td>
<td>3</td>
<td>HISTORY 1310 American History since 1877</td>
</tr>
<tr>
<td>PSC 102 US Government: National and State</td>
<td>3</td>
<td>POL SCI 1200 American Government</td>
</tr>
<tr>
<td>PSY 101 General Psychology</td>
<td>3</td>
<td>PSYCH 1101 General Psychology</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
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<td><strong>Total Hours</strong></td>
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</tbody>
</table>

## Additional Degree Requirements (Select up to 8 hours)

<table>
<thead>
<tr>
<th>Course</th>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 110 Ecology</td>
<td>3</td>
<td>BIO SCI 2263 Ecology</td>
</tr>
<tr>
<td>CHM 205 Organic Chemistry I and Lab</td>
<td>5</td>
<td>CHEM 2210 Organic Chemistry I</td>
</tr>
<tr>
<td>CHM 206 Organic Chemistry II and Lab</td>
<td>5</td>
<td>CHEM 2220 Organic Chemistry II</td>
</tr>
<tr>
<td>CIV 201 European Civilization I</td>
<td>3</td>
<td>HISTORY 1100 Early Western Civilization</td>
</tr>
<tr>
<td>CIV 202 European Civilization II</td>
<td>3</td>
<td>HISTORY 1200 Modern Western Civilization</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td>8</td>
<td><strong>Total Hours</strong></td>
</tr>
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</table>

### 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 Fall 2020. Further information or updates are available from Missouri S&T Transfer Admissions at transfer@mst.edu, transfer@mst.edu, or 800-522-0938.