### Communication Skills (Take all courses)

<table>
<thead>
<tr>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>ENGLISH 1120 Exposition and Argumentation</td>
</tr>
<tr>
<td>ENG 102 or ENG 104</td>
<td>ENGLISH 1160 or Writing and Research or ENGLISH 3560 Technical Writing</td>
</tr>
<tr>
<td>COM 110</td>
<td>SPMS 1185 Principles of Speech</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

### Social Sciences (Take all courses)

<table>
<thead>
<tr>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSC 102</td>
<td>POL SCI 1200 American Government</td>
</tr>
<tr>
<td>PSY 101</td>
<td>PSYCH 1101 General Psychology</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

### Humanities (Take all courses)

<table>
<thead>
<tr>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>ART 101 or MUS 101 or THE 101 or PHL 101 or PHL 111</td>
<td>ART 1180 or MUSIC 1150 or THEATRE 1190 or PHILOS 1105 or PHILOS 1115</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

### Mathematics and Sciences (Take all courses)

<table>
<thead>
<tr>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>MTH 110 or MTH 183</td>
<td>MATH 1103 or MATH 1140</td>
</tr>
<tr>
<td>CHM 111</td>
<td>CHEM 1310, 1319</td>
</tr>
<tr>
<td>CHM 112</td>
<td>CHEM 1320, 1510*</td>
</tr>
<tr>
<td>BIO 121</td>
<td>BIO SCI 1213, 1219</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

### Additional Degree Requirements (Select up to 20 hours)

<table>
<thead>
<tr>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHY 111 or PHY 102</td>
<td>PHYSICS 1145 or PHYSICS 1505</td>
</tr>
<tr>
<td>GEO 101</td>
<td>GEOLOGY 1110 Physical and Environmental Geology</td>
</tr>
<tr>
<td>BIO 122</td>
<td>BIO SCI 1223, 1229 Biodiversity and Lab</td>
</tr>
<tr>
<td>EVR 103</td>
<td>BIO SCI 1173 Introduction to Environmental Sciences</td>
</tr>
<tr>
<td>BIO 110</td>
<td>BIO SCI 2263 Ecology</td>
</tr>
<tr>
<td>CHM 205</td>
<td>CHEM 2210 Organic Chemistry I</td>
</tr>
<tr>
<td>CHM 206</td>
<td>CHEM 2220 Organic Chemistry II</td>
</tr>
<tr>
<td>CIV 201</td>
<td>HISTORY 1100 Early Western Civilization</td>
</tr>
<tr>
<td>CIV 202</td>
<td>HISTORY 1200 Modern Western Civilization</td>
</tr>
<tr>
<td>MTH 150 or BUS 210 or BUS 220 or MTH 242 or CIS 143 or EGR 221,222 or EGR 251</td>
<td>STAT 1115 or STAT 1115 or STAT 3115 or STAT 1551 or CS 1971,1981 or CS 1500</td>
</tr>
</tbody>
</table>

### Teacher Certification Requirements (Take all courses)

<table>
<thead>
<tr>
<th>East Central College</th>
<th>Missouri S&amp;T</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDU 201 or EDU 214</td>
<td>EDUC 1040 Perspectives in Education</td>
</tr>
<tr>
<td>EDU 241</td>
<td>PSYCH 2300 Educational Psychology</td>
</tr>
<tr>
<td>PSY 250</td>
<td>PSYCH 3310 Developmental Psychology</td>
</tr>
<tr>
<td>EDU 244</td>
<td>PSYCH 4310 Psychology of the Exceptional Child</td>
</tr>
<tr>
<td><strong>Total Hours</strong></td>
<td><strong>Total Hours</strong></td>
</tr>
</tbody>
</table>

*Teacher certification notes: An ACT of 22 or a 220 on the MoGEA is required for professional standing in the department. Students must pass the MoCA, maintain a 2.75 cumulative GPA, and a 3.0 content GPA to qualify for student teaching. Students completing this program will earn a BA in Biological Science.

The maximum credit hours to be transferred to Missouri S&T degree requirements is 71.