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.

<table>
<thead>
<tr>
<th>Crowder 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 English Composition</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 102 or Advanced English Composition or</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 203 Technical Report Writing</td>
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<tr>
<td>COMM 104 Fundamentals of Speech (if required for AA degree)</td>
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<tr>
<td><strong>Total Hours</strong></td>
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<tr>
<td><strong>Mathematics and Science (Take all courses)</strong></td>
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<tr>
<td>MATH 150, 160 Calculus I Part I and II</td>
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<tr>
<td>MATH 201 Calculus II</td>
<td>5</td>
</tr>
<tr>
<td>CHEM 111 General Chemistry I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 190 General Physics I</td>
<td>5</td>
</tr>
<tr>
<td>PHYS 210 General Physics II</td>
<td>5</td>
</tr>
<tr>
<td>GEOL 115 Intro to Geology</td>
<td>4</td>
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<td><strong>Total Hours</strong></td>
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<tr>
<td><strong>Social Sciences (Take all courses)</strong></td>
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<tr>
<td>HIST 102 or Western Civilization II or</td>
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<tr>
<td>HIST 106 or U.S. History I or</td>
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<tr>
<td>HIST 107 or U.S. History II or</td>
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<td>PLSC 103 National, State, Local Government</td>
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<tr>
<td>(At least one of these courses is required to satisfy state</td>
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<tr>
<td>ECON 202 or Principles of Economics II (Micro) or</td>
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<tr>
<td>ECON 201 Principles of Economics II (Macro)</td>
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<td><strong>See your advisor for course options</strong></td>
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<td><strong>Total Hours</strong></td>
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<tr>
<td><strong>Humanities (Select 6 hours)</strong></td>
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<tr>
<td>ART 101 Art Appreciation</td>
<td>3</td>
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<tr>
<td>MUSC 101 Music Appreciation</td>
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<td>TA 205 Intro to Theatre</td>
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<tr>
<td>ENGL 240 British Literature I</td>
<td>3</td>
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<tr>
<td>ENGL 230 Survey of American Literature I</td>
<td>3</td>
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<tr>
<td>ENGL 222 World Literature I</td>
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<tr>
<td>PHIL 101 Intro to Western Philosophy</td>
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<tr>
<td><strong>See your advisor for course options</strong></td>
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<td><strong>Total Hours</strong></td>
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<tr>
<td><strong>Additional Degree Electives (Select up to 16 hours)</strong></td>
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<tr>
<td>MATH 202 Calculus III</td>
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<tr>
<td>(Transfers as required science elective)</td>
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<tr>
<td>MATH 210 Differential Equations</td>
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<tr>
<td>CHEM 112 General Chemistry II</td>
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<td>(Note: CHEM 1320 will transfer as required science elective. CHEM 1510 is not an S&amp;T degree requirement; course will transfer as elective credit.)</td>
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<tr>
<td>BIOL 101 General Biology</td>
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<tr>
<td>(if required for AA degree)</td>
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<tr>
<td>Other science, mathematics, or engineering course.</td>
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<td><strong>Total Hours</strong></td>
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</table>

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

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3