<table>
<thead>
<tr>
<th>SEMESTER 1 - St. Louis Community College</th>
<th>SEMESTER 2 - St. Louis Community College</th>
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</thead>
<tbody>
<tr>
<td>MTH 210 Analytic Geometry &amp; Calculus I</td>
<td>Elective Social &amp; Behavioral Sci: Civics Requirement 3.0</td>
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<tr>
<td>CHM 105 General Chemistry I 5.0</td>
<td>MTH 220 Analytic Geometry &amp; Calculus II 5.0</td>
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<tr>
<td>ENG 101 College Composition I 3.0</td>
<td>ESC 101 Scientific Computer Programming 3.0</td>
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<tr>
<td>ESC 100 Engineering Comp Applications &amp; Design 3.0</td>
<td>PHY 122 Engineering Physics I 5.0</td>
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<tr>
<th>SEMESTER 3 - St. Louis Community College</th>
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<tbody>
<tr>
<td>MTH 230 Analytic Geometry &amp; Calculus III 5.0</td>
<td>MTH 240 Differential Equations 3.0</td>
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<tr>
<td>PHY 223 Engineering Physics II 5.0</td>
<td>Elective Engineering Science Elective 3.0</td>
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<td>ESC 203 Engineering Statics 3.0</td>
<td>Elective Engineering Science Elective 3.0</td>
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<tr>
<td>ESC 200 Engineering Circuits I 4.0</td>
<td>Elective Engineering Science Elective 1.0</td>
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<td>ENG 102 College Composition II 3.0</td>
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<tr>
<th>SEMESTER 5 - SIU</th>
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<tbody>
<tr>
<td>Elective Humanity 3.0</td>
<td>Elective Fine Arts 3.0</td>
</tr>
<tr>
<td>Elective Life Science 3.0</td>
<td>CMST 101 Intro: Oral Communication 3.0</td>
</tr>
<tr>
<td>IMAE 110 Geometric Dimensioning &amp; Tolerancing 3.0</td>
<td>Elective IMAE Elective, 300-400 Level 3.0</td>
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<tr>
<td>IMAE 208 Fundamentals of Manufacturing Processes 3.0</td>
<td>IMAE 390 Cost Estimating 3.0</td>
</tr>
<tr>
<td>IMAE 305 Industrial Safety 3.0</td>
<td>IMAE 442 Fundamentals of Leadership 3.0</td>
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<tr>
<th>SEMESTER 7 - SIU</th>
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<tbody>
<tr>
<td>IMAE 392 Facilities Planning &amp; Workplace Design 3.0</td>
<td>IMAE 375 Production &amp; Inventory Management 3.0</td>
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<tr>
<td>IMAE 450 Project Management 3.0</td>
<td>IMAE 340 Intro to Supervision 3.0</td>
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<tr>
<td>IMAE 465 Lean Manufacturing 3.0</td>
<td>IMAE 470B Six Sigma Green Belt II 3.0</td>
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<td>IMAE 470A Six Sigma Green Belt I 3.0</td>
<td>IMAE 445 Computer Integrated Manufacturing 3.0</td>
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<td>IMAE 476 Supply Chain Management 3.0</td>
<td>Elective IMAE Elective, 300-400 Level 3.0</td>
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| TOTAL HOURS: | 122.0 |

Saluki Step Ahead
St. Louis Community College
AS Engineering Science to BS IMAE