# BACHELOR OF SCIENCE, MAJOR IN CONSTRUCTION MANAGEMENT

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bachelor of Science, Major in Construction Management</td>
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<tr>
<td></td>
<td><strong>Core Curriculum</strong> (<a href="catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum">catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum</a>)</td>
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</tr>
<tr>
<td></td>
<td>Component Area I (Communication)</td>
<td>6</td>
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<tr>
<td></td>
<td>Component Area II (Mathematics)</td>
<td>3</td>
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<tr>
<td></td>
<td>Component Area III (Life and Physical Science)</td>
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<tr>
<td></td>
<td>Component Area IV (Language, Philosophy, and Culture)</td>
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<td>Component Area V (Creative Arts)</td>
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<tr>
<td></td>
<td>Component Area VI (U.S. History)</td>
<td>6</td>
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<tr>
<td></td>
<td>Component Area VII (Political Science/Government)</td>
<td>6</td>
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<tr>
<td></td>
<td>Component Area VIII (Social and Behavioral Sciences)</td>
<td>3</td>
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<tr>
<td></td>
<td>Component Area IX (Component Area Option)</td>
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<tr>
<td></td>
<td><strong>Degree Specific Requirements</strong></td>
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<tr>
<td></td>
<td>ENGL 3330  Intro To Technical Writing</td>
<td>3</td>
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<tr>
<td></td>
<td>or MATH 3379  Statistical Methods In Practice</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MATH 1314  Pre Calculus Algebra</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>MATH 1316  Plane Trigonometry</td>
<td>3</td>
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<tr>
<td></td>
<td>PHYS 1301  General Phy-Mechanics &amp; Heat</td>
<td>4</td>
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<tr>
<td></td>
<td>&amp; PHYS 1101  and General Physics Laboratory I</td>
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<td></td>
<td>PHYS 1302  Gen Phy-Snd,Lght, Elec, &amp; Mag</td>
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<tr>
<td></td>
<td>&amp; PHYS 1102  and General Physics Laboratory II</td>
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<td></td>
<td><strong>Major Core</strong></td>
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<tr>
<td></td>
<td>ETEC 1010  Engineering Foundations</td>
<td>1-2</td>
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<tr>
<td></td>
<td>ETEE 1340  Introduction to Circuits</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ETDD 1361  Engineering Graphics</td>
<td>3</td>
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<tr>
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<td>ETCM 1363  Wood Frame Construction</td>
<td>3</td>
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<tr>
<td></td>
<td><strong>Major</strong></td>
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<tr>
<td></td>
<td>ETCM 2363  Architectural Design</td>
<td>3</td>
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<tr>
<td></td>
<td>ETCM 3368  Concrete/Masonry Construction</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>ETCM 3371  Civil Drafting</td>
<td>3</td>
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<tr>
<td></td>
<td>or ETCM 3372  Construction Drafting</td>
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<tr>
<td></td>
<td>ETCM 4330  Construction Mgt &amp; Procedures</td>
<td>3</td>
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<tr>
<td></td>
<td>ETCM 4368  Building Materials</td>
<td>3</td>
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<td></td>
<td>ETCM 4370  Construction Plans &amp; Documents</td>
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<td></td>
<td>ETCM 4371  Building Information Modeling</td>
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<td></td>
<td>ETSM 4382  Industrial Safety</td>
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<td></td>
<td>ETEC 4384  Supervisory Personnel Practice</td>
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<td>Internship</td>
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<td></td>
<td>ETEC 4391  Work Base Mentorship</td>
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<td></td>
<td>Approved Advanced Construction Management (ETCM) Electives</td>
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<tr>
<td></td>
<td><strong>Minor (if required)</strong></td>
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<td></td>
<td>Minor</td>
<td>6</td>
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<tr>
<td></td>
<td>Minor (12 hours advanced)</td>
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<td></td>
<td><strong>Total Hours</strong></td>
<td>120-121</td>
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</table>

1 MATH 1316 or MATH 1314 or MATH 1420 or MATH 1324 satisfies the Core Curriculum requirement for Component Area II (Mathematics) and the Degree Specific requirement.

**Note:** Students should use elective and/or minor hours to satisfy the 42 advanced hour requirement.
### First Year

**Fall**

<table>
<thead>
<tr>
<th>Component Area I (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)</th>
<th>Hours</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETCM 1363</td>
<td>3</td>
<td>Component Area IV (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareai)</td>
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<tr>
<td>ETEC 1010</td>
<td>1-2</td>
<td>ETEE 1340</td>
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<tr>
<td>ETDD 1361</td>
<td>3</td>
<td>MATH 1316&lt;sup&gt;1&lt;/sup&gt;</td>
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<tr>
<td>MATH 1314&lt;sup&gt;1&lt;/sup&gt;</td>
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</table>

**Total Hours:** 13-14

### Second Year

**Fall**

<table>
<thead>
<tr>
<th>Component Area V (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareav)</th>
<th>Hours</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>Component Area VI (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavi)</td>
<td>3</td>
<td>Component Area VII (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavii)</td>
</tr>
<tr>
<td>ETCM 2363</td>
<td>3</td>
<td>PHYS 1302</td>
</tr>
<tr>
<td>PHYS 1301 &amp; PHYS 1101</td>
<td>4</td>
<td>ETCM 3368</td>
</tr>
<tr>
<td>Minor Course</td>
<td>3</td>
<td>MATH 3379 or ENGL 3330</td>
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**Total Hours:** 16

### Third Year

**Fall**

<table>
<thead>
<tr>
<th>Component Area III</th>
<th>Hours</th>
<th>Spring</th>
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<tbody>
<tr>
<td>Component Area VI (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavi)</td>
<td>3</td>
<td>ETEC 4384</td>
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<tr>
<td>Component Area VII (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareavii)</td>
<td>3</td>
<td>ETSM 4382</td>
</tr>
<tr>
<td>ETCM 3371 or 3372</td>
<td>3</td>
<td>Minor Courses (3hrs Advanced)</td>
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<tr>
<td>ETCM 4330</td>
<td>3</td>
<td></td>
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</table>

**Total Hours:** 16

### Fourth Year

**Fall**

<table>
<thead>
<tr>
<th>Component Area IX (catalog.shsu.edu/undergraduate/academic-policies-procedures/degree-requirements-academic-guidelines/core-curriculum/#componentareaxix)</th>
<th>Hours</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>ETCM 4370</td>
<td>3</td>
<td>ETEC 4391</td>
</tr>
<tr>
<td>ETCM 4371</td>
<td>3</td>
<td>ETEC 4391</td>
</tr>
<tr>
<td>Minor Courses (Advanced)</td>
<td>6</td>
<td>Minor Courses (Advanced)</td>
</tr>
<tr>
<td>Construction Management (ETCM) Electives</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

**Total Hours:** 16

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<sup>1</sup> Satisfies Core Curriculum requirement for Component Area II (Mathematics). MATH 1420 also satisfies the one semester credit hour requirement for Component Area IX (Component Area Option).

**Note:** Students should use elective and/or minor hours to satisfy the 42 advanced hour requirement.