## Curriculum in Building Science

### Freshman

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 1100 Introduction to Construction</td>
<td>3</td>
<td>BSCI 2300 Methods and Materials</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 1100 English Composition I</td>
<td>3</td>
<td>HIST 1020/1027 World History II</td>
<td>3</td>
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<tr>
<td>HIST 1010/1017 World History I</td>
<td>3</td>
<td>ENGL 1120 English Composition II</td>
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<tr>
<td>Philosophy Core</td>
<td>3</td>
<td>PHYS 1500 General Physics I</td>
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<tr>
<td>MATH 1610 Calculus I</td>
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<td>Total</td>
<td>16</td>
<td>13</td>
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</tbody>
</table>

### Sophomore

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 2200 Construction Documents</td>
<td>3</td>
<td>BSCI 2400 Structures of Buildings I</td>
<td>3</td>
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<tr>
<td>ECON 2030 Principles of Macroeconomics</td>
<td>3</td>
<td>Core Literature I</td>
<td>3</td>
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<tr>
<td>ACCT 2810 Fundamentals Of Accounting</td>
<td>3</td>
<td>ECON 2020 Principles of Microeconomics</td>
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<tr>
<td>PHYS 1510 General Physics II</td>
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<td>COMM 1000 Public Speaking</td>
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<td>Fine Arts Core</td>
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### Junior

#### Fall

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<tr>
<th>Course</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
<th>Summer</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>BSCI 3200 Construction Communication</td>
<td>3</td>
<td>BSCI 3660 Preconstruction and Project Management</td>
<td>4</td>
<td>BSCI 3300 Field Surveying</td>
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<tr>
<td>BSCI 3440 Structures of Buildings II</td>
<td>3</td>
<td>BSCI 3800 Contracting Business</td>
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<tr>
<td>BSCI 3500 Construction and Information Technology I</td>
<td>3</td>
<td>BSCI 4700 Mechanical Systems in Buildings</td>
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<td>BSCI 3600 Construction Estimating</td>
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<td>BSCI 4750 Electrical Systems in Buildings</td>
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<td>BSCI 3700 Construction Safety</td>
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<td>Total</td>
<td>16</td>
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### Senior

#### Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BSCI 4350 Construction Project Analysis</td>
<td>3</td>
<td>BSCI 4850 Construction Law and Risk Management</td>
<td>3</td>
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<tr>
<td>BSCI 4360 Construction Field Lab</td>
<td>2</td>
<td>BSCI 4990 Building Science Thesis</td>
<td>4</td>
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<tr>
<td>BSCI 4500 Construction and Information Technology II</td>
<td>3</td>
<td>Construction Elective</td>
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<tr>
<td>BSCI 4610 Scheduling and Field Operations</td>
<td>4</td>
<td>Construction Elective</td>
<td>3</td>
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Sum of Hours:
- Freshman: 16 + 13 = 29
- Sophomore: 16 + 15 = 31
- Junior: 16 + 14 + 2 = 32
- Senior: 16 + 4 + 3 + 3 + 3 + 3 + 3 = 30
<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>MNGT 3810 Management Foundations</td>
<td>2</td>
<td>University Graduation</td>
</tr>
<tr>
<td></td>
<td>3 UNIV 4AA0 University Graduation</td>
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<td></td>
<td>15</td>
<td>13</td>
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Total Hours: 120

1. **Construction Elective:**
   Students can choose from: BSCI 4410, BSCI 4420, BSCI 4710, BSCI 4860, BSCI 4870, BSCI 4880, BSCI 4890, BSCI 4960, BSCI 5450, BSCI 5460, BSCI 5470, BSCI 5830, BSCI 5840, BSCI 5960, BSCI 5970

2. MNGT 3100 Principles of Management may be substituted for MNGT 3810 Management Foundations.

3. BSCI 3300 Field Surveying is required for all students accepted to the Professional Program (Fall, Spring, and Summer). For students accepted for the Fall and Spring semesters, the course will be taken during the break between Spring and Summer semesters. For students accepted for the Summer semester, the course will be taken during the Summer Semesters. **All students** MUST take the course during the designated time.