### BEng in Civil Engineering

#### Major Requirements

**Engineering Foundation Courses:**
- COMP 1020: Introduction to Computing
- COMP 1029: Introduction to Computing with Java
- COMP 2011: Programming with C++
- COMP 2012H: Introductory Operating Systems and Data Structures
- MATH 1012: Calculus I
- MATH 1013: Calculus II
- MATH 1020: Accelerated Calculus
- ISOM 2001: Information Systems I
- ISOM 2008: Information Systems II
- ISOM 2120: Introduction to Business Analytics

**Civil and Environmental Engineering Courses:**
- CIVL 2111: Introduction to Building Construction
- CIVL 2120: Engineering Materials
- CIVL 2130: Civil and Environmental Engineering I
- CIVL 2131: Civil and Environmental Engineering II
- CIVL 2910: Introduction to Building Construction Management
- CIVL 2920: Introduction to Building Construction Research
- CIVL 3200: Engineering Statistics

**Civil and Environmental Engineering Final Year Thesis:**
- CIVL 4910: Civil and Environmental Engineering Final Year Thesis

**Civil and Environmental Engineering Final Year Project:**
- CIVL 4920: Civil and Environmental Engineering Final Year Project

**Civil and Environmental Engineering Electives:**
- CIVL Electives (3 courses from the specified elective list)

**Required credits for Major Requirements Courses and Electives:**
- 14-18 credits

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### BBA in General Business Management

#### School Requirements

- ACCT 3001: Financial Accounting II
- ECON 2103: Managerial Economics
- ECON 2113: Microeconomics
- ECON 2114: Macroeconomic Theory
- MATH 1003: Calculus IB
- MATH 1012: Calculus II
- MATH 1013: Calculus III
- MATH 1024: Honors Calculus I

**Required credits for School Requirements:**
- 30 credits

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#### Major Requirements

**Major Required Courses and Electives:**
- ACCT 3001: Financial Accounting II
- ECON 2103: Managerial Economics
- ECON 2113: Microeconomics
- ECON 2114: Macroeconomic Theory
- MATH 1003: Calculus IB
- MATH 1012: Calculus II
- MATH 1013: Calculus III
- MATH 1024: Honors Calculus I

**Required credits for Major Required Courses and Electives:**
- 63 credits

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#### Additional Requirements

**Requirements for Dual Degree Program**

<table>
<thead>
<tr>
<th>Year 1 Spring</th>
<th>Year 1 Fall</th>
<th>Year 2 Spring</th>
<th>Year 2 Fall</th>
<th>Year 3 Spring</th>
<th>Year 3 Fall</th>
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<tr>
<td>COMP 1011</td>
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<td>COMP 1030</td>
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<td>MATH 1020</td>
<td>MATH 1024</td>
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**Required credits for Additional Requirements:**
- 30 credits

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### University Core

<table>
<thead>
<tr>
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<th>Description</th>
<th>Credits</th>
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<tbody>
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<tr>
<td>MATH 1100</td>
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<tr>
<td>ENG 1100</td>
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<tr>
<td>CENG 1200</td>
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<td>CENG 1110</td>
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<td>MATH 1014</td>
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</tr>
<tr>
<td>CENG 1120</td>
<td>CENG - Other</td>
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</table>

**Sub-total for University Core:**
- 18 credits

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### Notes:

- * indicates the same course is offered in either Winter or Summer
- ** indicates courses offered in Winter
- DDP students should take the following courses in either Winter or Summer:
  - MATH 1012 OR MATH 1013 OR MATH 1023 to satisfy the requirements of both BEng and BBA degrees