### BE in Civil and Environmental Engineering

#### Major Requirements

<table>
<thead>
<tr>
<th>Program</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIVL 3020</td>
<td>Internship Training</td>
<td>0</td>
</tr>
<tr>
<td>CIVL 3010</td>
<td>Academic Professional Development III</td>
<td>0</td>
</tr>
<tr>
<td>CIVL 2810</td>
<td>Construction Materials</td>
<td>3</td>
</tr>
<tr>
<td>CIVL 2510</td>
<td>Fluid Mechanics</td>
<td>3</td>
</tr>
<tr>
<td>CIVL 2410</td>
<td>Environmental Assessment and Management</td>
<td>3</td>
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<tr>
<td>CIVL 2170</td>
<td>Infrastructure Systems Engineering and Management</td>
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<tr>
<td>CIVL 2120</td>
<td>Mechanics of Materials</td>
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<td>CIVL 2020</td>
<td>Industrial and BIM Training</td>
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<tr>
<td>CIVL 2010</td>
<td>Academic Professional Development II</td>
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<td>CIVL 1100</td>
<td>Discovering Civil and Environmental Engineering</td>
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<tr>
<td>CIVL 1010</td>
<td>Academic Professional Development I</td>
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<tr>
<td>MATH 2350</td>
<td>Applied Linear Algebra and Differential Equations</td>
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<tr>
<td>MATH 2011</td>
<td>Introduction to Multivariable Calculus</td>
<td>3</td>
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<tr>
<td>ACCT 2010</td>
<td>Principles of Accounting I</td>
<td>3</td>
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<tr>
<td>FINA 2303</td>
<td>Financial Management</td>
<td>3</td>
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<tr>
<td>ENGG 2010</td>
<td>Engineering Seminar Series</td>
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<tr>
<td>COMP 1021</td>
<td>Introduction to Computer Science</td>
<td>3</td>
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<tr>
<td>COMP 1022P</td>
<td>Accelerated Calculus</td>
<td>3</td>
</tr>
<tr>
<td>COMP 2011</td>
<td>Introduction to Computing with Java</td>
<td>3</td>
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<tr>
<td>MARK 2120</td>
<td>Marketing Management</td>
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<tr>
<td>ISOM 2700</td>
<td>Operations Management</td>
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<td>ISOM 2600</td>
<td>Introduction to Business Analytics</td>
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<tr>
<td>ISOM 2500</td>
<td>Business Statistics</td>
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</tbody>
</table>

#### School Requirements

- CIVL 4950: Civil Engineering Capstone Design Project (3 credits)
- CIVL 3510: Hydrosystems Engineering (3 credits)
- CIVL 3420: Water and Wastewater Engineering (3 credits)
- LANG 4033: Technical Communication II for Civil and Environmental Engineering (3 credits)
- ENGG 2010: Engineering Seminar Series (0 credits)
- MGMT 2130: Business Ethics and Social Responsibility (2 credits)
- MGMT 2110: Organizational Behavior (3 credits)
- MARK 2120: Marketing Management (3 credits)
- ISOM 2700: Operations Management (3 credits)
- ISOM 2600: Introduction to Business Analytics (1 credit)
- ISOM 2500: Business Statistics (3 credits)

### BBA in General Business Management

#### School Requirements

- CIVL 3020: Internship Training (0 credits)
- CIVL 3010: Academic Professional Development III (0 credits)
- CIVL 2810: Construction Materials (3 credits)
- CIVL 2510: Fluid Mechanics (3 credits)
- CIVL 2410: Environmental Assessment and Management (3 credits)
- CIVL 2170: Infrastructure Systems Engineering and Management (3 credits)
- CIVL 2120: Mechanics of Materials (3 credits)
- CIVL 2020: Industrial and BIM Training (0 credits)
- CIVL 2010: Academic Professional Development II (0 credits)
- CIVL 1100: Discovering Civil and Environmental Engineering (3 credits)
- CIVL 1010: Academic Professional Development I (0 credits)
- MATH 2350: Applied Linear Algebra and Differential Equations (3 credits)
- MATH 2011: Introduction to Multivariable Calculus (3 credits)
- ACCT 2010: Principles of Accounting I (3 credits)
- FINA 2303: Financial Management (3 credits)
- PHYS | | |
- PHYS | | |
- PHYS | | |
- ENGG 2010: Engineering Seminar Series (0 credits)
- COMP 1021: Introduction to Computer Science (3 credits)
- COMP 1022P: Accelerated Calculus (3 credits)
- COMP 2011: Introduction to Computing with Java (3 credits)
- MARK 2120: Marketing Management (3 credits)
- ISOM 2700: Operations Management (3 credits)
- ISOM 2600: Introduction to Business Analytics (1 credit)
- ISOM 2500: Business Statistics (3 credits)

### Additional Requirements

- MATH 1014 OR MATH 1024 OR [MATH 1020]
- CHEM 1010 OR CHEM 1020
- ECON 2103 OR ECON 2113
- ECON 2123 OR ECON 3123
- HONORS GENERAL PHYSICS I
- HONORS GENERAL PHYSICS I WITH CALCULUS
- HONORS CALCULUS I
- HONORS CALCULUS II
- GENERAL CHEMISTRY IA
- GENERAL CHEMISTRY IB
- INTRODUCTION TO COMPUTING WITH JAVA
- INTRODUCTION TO COMPUTER SCIENCE
- INTRODUCTION TO MULTIVARIABLE CALCULUS

### Program Requirements

- Major Required Courses and Electives
- School Requirements
- Additional Requirements
- University Core

### Notes

- * indicates the reuse of the same course to fulfill more than one requirement.
- ( ) indicates the reuse of the same course to fulfill more than one requirement.
- Substituted by MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023
- Substituted by MATH 1014 OR MATH 1024 OR [MATH 1020]
- Substituted by COMP 1021 OR COMP 1022P OR COMP 2011
- Substituted by ENGG 1010 OR ENGG 1021/1022P/2011
- Substituted by ISOM 2500
- Substituted by SB&M 2111
- Substituted by ENGG 1010
- Substituted by ISOM 2010
- Substituted by SB&M 2111

### Additional Notes

- The content of this example is not necessarily equivalent to a complete list of graduation requirements of the program. Students should refer to the Program Handbook for updated graduation requirements. For up-to-date information on course offering and scheduling, students should check with their respective School and Department.