## BEng in Computer Science

### Major Requirements

#### Engineering Fundamental Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 321</td>
<td>Intermediate Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>COMP 322P</td>
<td>Introduction to Computer Systems</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2411</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2421</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 1111</td>
<td>General Biology I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2111</td>
<td>General Physics I</td>
<td>3</td>
</tr>
<tr>
<td>LANG 1011</td>
<td>English Language Arts I</td>
<td>3</td>
</tr>
</tbody>
</table>

### Major Requirements Courses and Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 2511</td>
<td>Discrete Mathematical Tools for Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>COMP 2521</td>
<td>Object-Oriented Programming</td>
<td>4</td>
</tr>
<tr>
<td>COMP 2541</td>
<td>Software Engineering</td>
<td>4</td>
</tr>
<tr>
<td>COMP 2551</td>
<td>Human Computer Interaction</td>
<td>4</td>
</tr>
<tr>
<td>COMP 3231</td>
<td>Object-Oriented Programming II</td>
<td>4</td>
</tr>
<tr>
<td>COMP 3241</td>
<td>Advanced Programming and Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>COMP 3251</td>
<td>Advanced Software Engineering</td>
<td>4</td>
</tr>
<tr>
<td>COMP 3261</td>
<td>Advanced Human Computer Interaction</td>
<td>4</td>
</tr>
<tr>
<td>COMP 3271</td>
<td>Advanced Object-Oriented Programming</td>
<td>4</td>
</tr>
<tr>
<td>COMP 3281</td>
<td>Advanced Software Engineering II</td>
<td>4</td>
</tr>
<tr>
<td>COMP 3291</td>
<td>Advanced Human Computer Interaction II</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2411</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>MATH 2421</td>
<td>Calculus II</td>
<td>4</td>
</tr>
<tr>
<td>PHYS 2111</td>
<td>General Physics I</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 2121</td>
<td>General Physics II</td>
<td>3</td>
</tr>
<tr>
<td>LANG 1011</td>
<td>English Language Arts I</td>
<td>3</td>
</tr>
<tr>
<td>LANG 2030</td>
<td>Technical Communication I</td>
<td>3</td>
</tr>
<tr>
<td>LANG 4030</td>
<td>Technical Communication II for CSE, CPEG &amp; DSCT</td>
<td>3</td>
</tr>
</tbody>
</table>

### Required credits for Engineering Fundamental Courses

- Total: 12

### Additional Requirements

- For dual degree program: 77 credits

### 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 Catalog/UG Curriculum Handbook for updated graduation requirements.
- For up-to-date information on course offering and scheduling, students should check it out from respective School and Department.
- The reuse of the same course to fulfill more than one requirement.
- (course code prefix) Offering Dept.
- (Notes: Indicates the course requirement is either waived or substituted)
- *(course code)* indicates the course/requirement is either waived or substituted
- **(course code)** indicates the course/requirement is either waived or substituted
- Major Required Courses and Electives
- University CORE

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### School Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACCT 2010</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACCT 2200</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2103</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECON 2113</td>
<td>Principles of Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2010</td>
<td>Business Ethics and the Individual</td>
<td>2</td>
</tr>
<tr>
<td>MGMT 2110</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2130</td>
<td>Business Ethics and Social Responsibility</td>
<td>2</td>
</tr>
<tr>
<td>MARK 2120</td>
<td>Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 2010</td>
<td>Introduction to Information Systems</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 2020</td>
<td>Coding for Business</td>
<td>1</td>
</tr>
<tr>
<td>ISOM 2600</td>
<td>Introduction to Business Analytics</td>
<td>1</td>
</tr>
</tbody>
</table>

### Required credits for School Requirements

- Total: 34

### BBA in Finance

#### Major Requirements

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<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>FINA 3000</td>
<td>Finance</td>
<td>3</td>
</tr>
<tr>
<td>FINA 3010</td>
<td>International Finance</td>
<td>3</td>
</tr>
<tr>
<td>FINA 3020</td>
<td>Financial Management</td>
<td>3</td>
</tr>
<tr>
<td>FINA 3030</td>
<td>Financial Analysis</td>
<td>3</td>
</tr>
<tr>
<td>FINA 3040</td>
<td>Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>FINA 3050</td>
<td>Financial Reporting</td>
<td>3</td>
</tr>
<tr>
<td>FINA 3060</td>
<td>Financial Statistics</td>
<td>3</td>
</tr>
</tbody>
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### Required credits for Major Requirements Courses and Electives

- Total: 57

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### Notes:

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### Additional Requirements

- For Dual Degree Program: 95 credits

- Required credits for Major Required Courses and Electives

- Total: 30

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### Notes:

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### Additional Requirements

- For Dual Degree Program: 95 credits

- Required credits for Major Required Courses and Electives

- Total: 30

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### Additional Requirements

- For Dual Degree Program: 95 credits

- Required credits for Major Required Courses and Electives

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### Additional Requirements

- For Dual Degree Program: 95 credits

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### Additional Requirements

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