## BEng in Computer Science

### Major Requirements

#### Engineering Fundamental Courses

- **MATH 1020**: Honors Calculus I
- **COMP 1010**: Operating Systems
- **COMP 1020**: Introduction to Object-oriented Programming
- **COMP 1022P**: Honors Object-oriented Programming and Data Structures
- **MATH 1013**: Calculus II
- **MATH 1004**: General Chemistry I

#### School Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 2611</td>
<td>Computer Organization</td>
<td>4</td>
</tr>
<tr>
<td>COMP 2711</td>
<td>Advanced Mathematical Tools</td>
<td>3</td>
</tr>
<tr>
<td>COMP 2911</td>
<td>Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td>COMP 3113</td>
<td>Honors Software Engineering</td>
<td>4</td>
</tr>
</tbody>
</table>

#### BBA in General Business Management

#### School Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECON 2200</td>
<td>Principles of Economics</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2120</td>
<td>Marketing Management</td>
<td>3</td>
</tr>
<tr>
<td>MGMT 2130</td>
<td>Business Ethics and Social</td>
<td>2</td>
</tr>
<tr>
<td>MGMT 2110</td>
<td>Organizational Behavior</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Required credits for School Requirements 41-42

### Major Requirements and Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 1022Q</td>
<td>to fulfill this requirement</td>
<td>3</td>
</tr>
</tbody>
</table>

### BSc ECOF must take ECON 3123

#### Required credits for Major Requirements Courses and Electives 54-58

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### To graduate, students should complete all requirements as specified for DDP.

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Note: 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.

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Notes:

1. This course will also be used to substitute ECON 1011 in the Core Requirements.
2. COMP 2011/2011H or COMP 2012/2012H can be elected.
3. Students should take MATH 2411 in lieu of MATH 2411H, which will also be used to substitute (SOCM 2080).

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**Remarks on course(s):**

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**Notes:**

- Students should refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements.
- Students should check the course offering and scheduling from respective School and Department.

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**Declarations of major:**

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**Beginning of major:**

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**Major Requirements and Electives:**

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**Required credits for Major Requirements Courses and Electives:**

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

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**Required credits for School Requirements:**

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**Additional Requirements:**

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**Required credits for Dual Degree Program:**

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**Required credits for Additional Requirements:**

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**Sub-total for University CORE:**

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**Declared major:**

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**Notes:**

1. This 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.
2. Students should check the course offering and scheduling from respective School and Department.

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