## BEng in Electronic Engineering

### Major Requirements

#### Engineering Fundamental Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELEC 1200</td>
<td>A System View of Communications: from Signals to Packets</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEC 2400</td>
<td>Electronic Circuits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEC 2910</td>
<td>Academic and Professional Development I</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ELEC 3000</td>
<td>Academic and Professional Development II</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Additional Requirements

- **ELEC 2400:** Electronic Circuits
- **ELEC 2910:** Academic and Professional Development I
- **ELEC 3000:** Academic and Professional Development II

#### Major Required Courses and Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Level</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELEC 2901</td>
<td>Introduction to Computer Science</td>
<td>2400</td>
<td>6</td>
</tr>
<tr>
<td>ELEC 4001</td>
<td>Engineering with C++</td>
<td>4901</td>
<td>3</td>
</tr>
<tr>
<td>ELEC 4900</td>
<td>Engineering with VHDL</td>
<td>4900</td>
<td>3</td>
</tr>
</tbody>
</table>

### Requirements for Graduation

- Students must complete all courses specified in the program.
- The total credits required for graduation are 154.
- Students can choose any 1 course from ISOM 2020 and ISOM 2010 to substitute for ISOM 2020.

### 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.
- The declaration of major is made during the first year of study.
- The declaration of Business major is made during the first year of study.
- To graduate, students should complete all requirements as specified for DDP.
- **Offering Dept.:** To graduate, students should complete all requirements as specified for DDP.
- **Major Required Courses and Electives:** Majors Required Courses and Electives

### Required Credits for Major Requirements Courses and Electives

- **Total:** 154 credits

### Required Credits for Engineering Fundamental Courses

- **Total:** 12 credits

### Required Credits for Additional Requirements

- **Total:** 21 credits

### Required Credits for School Requirements

- **Total:** 43 credits

### Required Credits for Major Required Courses and Electives

- **Total:** 43 credits

### Notes on Course Offering and Scheduling

- Students should check the course offering and scheduling from respective School and Department.
- Information on course offering and scheduling is subject to change.
- The content of this example is not necessarily equivalent to a complete list of graduation requirements of the program.
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- For up-to-date information on course offering and scheduling, students should check the Course Offerings and Scheduling from respective School and Department.

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