## BEng in Industrial Engineering and Engineering Management

### Major Requirements

#### Engineering Fundamental Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Type</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGG 1013</td>
<td>Introduction to Computer Science</td>
<td>Core</td>
<td>3</td>
</tr>
<tr>
<td>ENGG 2013</td>
<td>Introduction to Computing and Programming with C++</td>
<td>Core</td>
<td>3</td>
</tr>
<tr>
<td>ENGG 3013</td>
<td>Engineering Design and Engineering Data Analysis</td>
<td>Core</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Major Required Course and Electives

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Type</th>
<th>Credit</th>
</tr>
</thead>
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<tr>
<td>IEMGMT 3300</td>
<td>Industrial Data Systems</td>
<td>Core</td>
<td>3</td>
</tr>
<tr>
<td>IEMGMT 2340</td>
<td>Statistics for Engineers</td>
<td>Core</td>
<td>3</td>
</tr>
</tbody>
</table>

#### Additional Requirements

- **School Requirements**
  - **BBA in Management**
    - **Management Track**
      - **Required Courses**
        - ENGG 1013
        - ENGG 2013
        - ENGG 3013
      - **Electives**
        - ENGG 4960

- **Engineering Economics and Accounting**
  - **Core Courses**
    - ENGG 1013
    - ENGG 2013
    - ENGG 3013

### Notes

- **Offering Dept.**
  - MATH
  - ENGG
  - IEMGMT

- **Substituted by**
  - IEDA 4100
  - COMP 1021

- **Waived for DDP students**
  - 1021/1022P/2011/2012H

- **Requirement credits for**
  - Major Required Courses and Electives
  - School Requirements

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The Hong Kong University of Science and Technology 2023-24 Intake

Academy of Interdisciplinary Studies

An Example on Student's Pathway (as of August 3, 2023)

<table>
<thead>
<tr>
<th>Year 1 Fall</th>
<th>Year 1 Spring</th>
<th>Year 2 Fall</th>
<th>Year 2 Spring</th>
<th>Year 3 Fall</th>
<th>Year 3 Spring</th>
<th>Year 4 Fall</th>
<th>Year 4 Spring</th>
<th>Year 5 Fall</th>
</tr>
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<tr>
<td>ENGG 1013</td>
<td>ENGG 2013</td>
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<td>ENGG 4960</td>
<td>ENGG 1013</td>
</tr>
</tbody>
</table>

### Requirements for Dual Degree Program

- **Required credits for Major Required Courses and Electives**
  - 36

- **Total**
  - 154

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Notes:

- ( ) indicates the same course to fulfill one core requirement.
- * indicates the course offered in Autumn term.
- ** indicates the course requirement is either waived or substituted.
- ** To graduate, students should complete all requirements as specified for DDP.