## Academic and Professional Development

### Engineering Introduction course

- If the students take an introduction course included in Academic and Professional Development I
- Engineering Economics and Accounting

### Dual Degree Program
- BEng in Industrial Engineering and Engineering Management
- BBA in Marketing

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## BEng in Industrial Engineering and Engineering Management

### Major Requirements

#### Engineering Fundamental Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGG 2010</td>
<td>Engineering Seminar Series</td>
<td>0</td>
</tr>
<tr>
<td>IEMA 2520</td>
<td>TEMG Professional Activities</td>
<td>0</td>
</tr>
<tr>
<td>IEMA 2777</td>
<td>TEMG Professional Activities</td>
<td>0</td>
</tr>
<tr>
<td>IEMA 3010</td>
<td>TEMG Professional Activities</td>
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<tr>
<td>IEMA 4901</td>
<td>TEMG Professional Activities</td>
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<tr>
<td>IEMA 4950</td>
<td>TEMG Corporate Consulting Project</td>
<td>3-5</td>
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</tbody>
</table>

#### Core Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>IEMA 4100</td>
<td>Integrated Production Systems</td>
<td>3</td>
</tr>
<tr>
<td>IEMA 3250</td>
<td>Stochastic Models</td>
<td>3</td>
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</table>

#### Electives

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>IEMA Industrial Engineering Electives</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

#### Remarks

- Students should take COMP 1021 which will also be used to substitute ISOM 2700 to fulfill ECON 2102.

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## BBA in Marketing

### School Requirements

#### Major Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 1012</td>
<td>Introduction to Business Analytics</td>
<td>3</td>
</tr>
<tr>
<td>ENG 1023</td>
<td>Business Ethics and Social Responsibility</td>
<td>3</td>
</tr>
<tr>
<td>ENG 1024</td>
<td>Business Ethics and Social Responsibility</td>
<td>3</td>
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</table>

#### Additional Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 3124</td>
<td>傳統商科</td>
<td>3</td>
</tr>
<tr>
<td>ENG 3125</td>
<td>現代商科</td>
<td>3</td>
</tr>
<tr>
<td>ENG 3126</td>
<td>國際商科</td>
<td>3</td>
</tr>
</tbody>
</table>

### Requirements for Dual Degree Program

#### Required Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3839</td>
<td>Industrial Training and Experience</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Additional Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>3839</td>
<td>Industrial Training and Experience</td>
<td>0</td>
</tr>
</tbody>
</table>

### Required credits for Major Requirements Courses and Electives

- 24

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## Notes

- (*) indicates the reuse of the same course to fulfill more than one requirement.
- * Courses offered in winter term
- ** Courses offered in summer term
- (M) indicates the reuse of the same course to fulfill more than one requirement.

---

**Remarks on course(s):**

- MATH 1003 OR MATH 1012 OR MATH 1013 OR MATH 1020 OR MATH 1023
- ECON 2123 OR ECON 3123
- ECON 2103 OR ECON 2113
- (MATH 1012 OR MATH 1013 OR MATH 1023) AND (MATH 1014 OR MATH 1024)
- (MATH 1012 OR MATH 1013 OR MATH 1020)

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**Required credits for Engineering Fundamental Courses**

- 15

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

- 24

---

**Required credits for School Requirements**

- 20

---

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

- 24

---

**Required credits for Additional Requirements**

- 7

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**Sub-total for University CORE**

- 34

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**Notes:**

- (M) indicates the reuse of the same course to fulfill more than one requirement.
- * Courses offered in winter term
- ** Courses offered in summer term
- (M) indicates the reuse of the same course to fulfill more than one requirement.

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**Remarks on course(s):**

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---

**Required credits for Engineering Fundamental Courses**

- 15

---

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

- 24

---

**Required credits for School Requirements**

- 20

---

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

- 24

---

**Required credits for Additional Requirements**

- 7

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**Sub-total for University CORE**

- 34