BEng in Industrial Engineering and Engineering Management

Major Requirements
Engineering Fundamental Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISOM 2500</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>ISOM 2020</td>
<td>Coding for Business</td>
<td>1</td>
</tr>
<tr>
<td>ISOM 3230</td>
<td>Business Statistics</td>
<td>3</td>
</tr>
<tr>
<td>FINA 2303</td>
<td>Financial Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Remarks on course(s):

- ISOM 2500 will also be used to substitute IEDA 2540.
- FINA 2303 is a major pre-requisite.

Required credits for Engineering Fundamental Courses 13

Major, Required Courses and Electives

School Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 2111</td>
<td>Matrix Algebra and Applications</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2011</td>
<td>Introduction to Multivariable Calculus</td>
<td>3</td>
</tr>
<tr>
<td>IEDA 2540</td>
<td>Statistics for Engineers</td>
<td>3</td>
</tr>
<tr>
<td>IEDA 2520</td>
<td>Probability for Engineers</td>
<td>3</td>
</tr>
<tr>
<td>IEDA 3010</td>
<td>Prescriptive Analytics</td>
<td>3</td>
</tr>
<tr>
<td>IEDA 3250</td>
<td>Stochastic Models</td>
<td>3</td>
</tr>
<tr>
<td>IEDA 3300</td>
<td>Industrial Data Systems</td>
<td>3</td>
</tr>
<tr>
<td>ENGG 1010</td>
<td>Academic Orientation</td>
<td>0</td>
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</tbody>
</table>

Required credits for Major Required Courses and Electives 46

BBA in Finance

Required credits for Major Requirements Courses and Electives 57

Required credits for Additional Requirements 12

Additional Requirements

- Students in DDP should take MATH 1021 in BEng requirements.
- Students who took COMP 1021/1022P/COMP2011 in BBA requirements may substitute ISOM 2500.
- Students should take MATH 1021/1022P/COMP2011 if MATH 1014/1012/1013/1020/1023 is offered.
- Students should check the course offering and scheduling from the School and Department.
- Students should refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements.
- To graduate, students should complete all requirements as specified for DDP.

Notes:
- ( ) indicates the reuse of the same course to fulfill more than one requirement.
- * Courses offered in winter term.
- † indicates that the course requirement is either waived or substituted.
- To graduate, students should complete all requirements as specified for DDP.

An Example on Student's Pathway

Initial Declaration of Major: BEng major
- DDP students should take MATH 1021/1022P/COMP2011 if MATH 1014/1012/1013/1020/1023 is offered.
- Students should refer to the Program Catalog/UG Curriculum Handbook for updated graduation requirements.

<table>
<thead>
<tr>
<th>Offering Dept.</th>
<th>Core C1 - C2</th>
<th>CORE - Others</th>
<th>Sub-total for University CORE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>54</td>
</tr>
</tbody>
</table>

Program: Dual Degree Program (BEng in Industrial Engineering and Engineering Management and BBA in Finance)

School: School of Engineering and School of Business Management

Student's Pathway:

Year 1 Fall
- IEDA 1011
- MATH 1011
- IEDA 2540
- ENGG 1010
- ACCT 2200

Year 1 Spring
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2103

Year 2 Fall
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2113

Year 2 Spring
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2113

Year 3 Fall
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2113

Year 3 Spring
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2113

Year 4 Fall
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2113

Year 4 Spring
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2113

Year 5 Fall
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2113

Year 5 Spring
- IEDA 1013
- MATH 1013
- IEDA 2520
- ENGG 1010
- ECON 2113

Sub-total for University CORE 54

Remarks:

- * Courses offered in winter term.
- † indicates that the course requirement is either waived or substituted.