# BEng in Aerospace Engineering

## Major Requirements

<table>
<thead>
<tr>
<th>Engineering Fundamental Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>COMP 1021 Introduction to Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>COMP 1022P Introduction to Computing with Java</td>
<td>3</td>
</tr>
<tr>
<td>ENGS 1010 Academic Orientation</td>
<td>0</td>
</tr>
<tr>
<td>ENWS 1010 Technical Communication I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1012 Calculus IA</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1013 Calculus IB</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1014 Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1023 Modern Calculus I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1024 Modern Calculus II</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1112 General Physics I with Calculus</td>
<td>3</td>
</tr>
<tr>
<td>PHYS 1113 General Physics II with Calculus</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1000-level course (Any 1 course of the subject and level as specified)</td>
<td>(3) 0</td>
</tr>
</tbody>
</table>

**Required credits for Engineering Fundamental Courses**: 21

## Major Required Courses and Electives

### Mechanical Engineering

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title / Courses List</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGG 2010 Engineering Seminar Series</td>
<td>6</td>
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<tr>
<td>MECH 2410 Engineering Materials I</td>
<td>3</td>
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<tr>
<td>MECH 2310 Thermodynamics</td>
<td>3</td>
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</tr>
<tr>
<td>MECH 2210 Fluid Mechanics</td>
<td>3</td>
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<tr>
<td>MECH 2040 Solid Mechanics I</td>
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<tr>
<td>MECH 2020 Statics and Dynamics</td>
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<td>MECH 1990 Industrial Training</td>
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<tr>
<td>MECH 1907 Introduction to Aerospace Engineering</td>
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</table>

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

## BBA in General Business Management

### School Requirements

**Required credits for School Requirements**: 45-46

### Major Requirements

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

## Additional Requirements

### Requirements for Dual Degree Program

**Required credits for Additional Requirements**: 3

## University CORE

**Sub-total for University CORE**: 14

**Term load (excl. free credits)**

<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 Spring</th>
<th>Year 4 Fall</th>
<th>Year 4 Spring</th>
<th>Year 5 Fall</th>
<th>Year 5 Spring</th>
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