**Credit Assessment and Study Plan**

University of Indonesia, Indonesia  
2+2 Bachelor of Engineering (Mechanical)  
–  
UQ Bachelor of Engineering (Hons) (Mechanical Engineering)

**Credit Granted (#32 Units):** ENGG1100, ENGG1200, ENGG1300, ENGG1400, ENGG1500, MATH1051, MATH1052, MECH2100, MECH2300, MECH2305, MECH2410, Unspecified Part B1 Introductory Electives (#6), Unspecified Part B2 Advanced Electives (#4)

**Recommended Study Plans**

Study plans are indicative only. Students must attend a Faculty academic advising session during Orientation Week to confirm their study plan. Any variations to the study plan must be discussed with an Academic Advisor, and approved by the Associate Dean (Academic).

**Study Plan: Semester 1, (March) Commencement**

<table>
<thead>
<tr>
<th>Semester</th>
<th>Study Plan</th>
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<tbody>
<tr>
<td>July</td>
<td>MECH2210 Dynamics &amp; Orbital Mechanics</td>
</tr>
<tr>
<td>March</td>
<td>MECH4500 (#4) Engineering Thesis (Year long project)</td>
</tr>
<tr>
<td>July</td>
<td>MECH3100 Mechanical Systems Design</td>
</tr>
</tbody>
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Total: #32

* One of your electives must be MECH3250 or MECH3750 or MECH4460 or METR3100

Continued over page…
<table>
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<th>Semester</th>
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</tr>
</thead>
</table>
| **July** | MECH2210  
Dynamics & Orbital Mechanics | MECH2700  
Engineering Analysis I | MATH2000  
Calculus & Linear Algebra II | Elective* |
| **March** | MECH3300  
Finite Element Method & Fracture Mechanics | MECH3400  
Thermodynamics & Heat Transfer | MECH3600  
Engineering Management & Communication | MATH2010 (#1)  
Analysis of Ordinary Differential Equations & STAT2201 (#1)  
Analysis of Engineering & Scientific Data |
| **July** | MECH4500 (#4)  
Engineering Thesis  
(Year long project) | MECH3100  
Mechanical Systems Design | MECH3200  
Advanced Dynamics & Vibrations | MECH3410  
Fluid Mechanics |
| **March** | METR3200  
Introduction to Control Systems | Elective* | Elective* |

* One of your electives must be MECH3250 or MECH3750 or MECH4460 or METR3100

Assessed November 2011
UQ CRICOS Code: 00025B