Credit Assessment and Study Plan

Singapore Polytechnic, Singapore
Diploma in Mechatronics

UQ Bachelor of Engineering (Hons) (Mechanical Engineering)

Credit Granted (#24 Units): ENGG1100, ENGG1200, ENGG1300, ENGG1400, ENGG1500, MATH1051, MATH1052, MECH2300, MECH2305, MECH2410, Unspecified Part B1 Introductory Elective (#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 2, (March) Commencement

<table>
<thead>
<tr>
<th>Semester</th>
<th>Study Plan</th>
</tr>
</thead>
<tbody>
<tr>
<td>March</td>
<td>MATH2000 Calculus &amp; Linear Algebra II</td>
</tr>
<tr>
<td>July</td>
<td>MECH2100 Machine Element Design</td>
</tr>
<tr>
<td>March</td>
<td>MECH3300 Finite Element Method &amp; Fracture Mechanics</td>
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<tr>
<td>July</td>
<td>MECH4501 ( #4) Engineering Thesis (Year long project)</td>
</tr>
<tr>
<td>March</td>
<td>Elective*</td>
</tr>
</tbody>
</table>

Total: #40

* One of your electives must be MECH3250 or MECH3750 or MECH4460 or METR3100
# Study Plan: Semester 2, (July) Commencement

<table>
<thead>
<tr>
<th>Semester</th>
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</thead>
</table>
| **July** | **MECH2100**  
Machine Element Design  
**MECH2210**  
Dynamics & Orbital Mechanics  
**MATH2000**  
Calculus & Linear Algebra II  
**MECH2700**  
Engineering Analysis I  |
| **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** | **MECH3100**  
Mechanical Systems Design  
**MECH3200**  
Advanced Dynamics & Vibrations  
**MECH3410**  
Fluid Mechanics  
**Elective**  |
| **March** | **MECH4500** (#4)  
Engineering Thesis  
(Year long project)  
**METR3200**  
Introduction to Control Systems  
**Elective**  
**Elective**  |
| **July** | **Elective**  
**Elective**  
**Elective**  |

**Total: #40**

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

Assessed September 2012  
UQ CRICOS Code: 00025B