Credit Assessment and Study Plan

UCSI University, Malaysia
2.5 Years of Bachelor of Engineering in Mechatronic Engineering
–
UQ Bachelor of Engineering (Hons) (Mechatronic Engineering)

Credit Granted (#24 Units):
Part A Compulsory: ENGG1100, ENGG1300, ENGG1400, MATH1051, ENGG1200,
MATH1052, CSSE1001, MECH2300, ELEC2004
Part B1 Electives: MECH2410, ENGG1500, MATH2200

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>March</td>
<td>PHYS1002 Electromagnetism and Modern Physics</td>
</tr>
<tr>
<td>July</td>
<td>MATH2010 Analysis of ODEs</td>
</tr>
<tr>
<td>March</td>
<td>ELEC2003 Electromechanics &amp; Electronics</td>
</tr>
<tr>
<td>July</td>
<td>MECH2100 Machine Element Design</td>
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<tr>
<td>March</td>
<td>METR3100 Sensors &amp; Actuators</td>
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Total: #40

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# Study Plan: Semester 2, (July) Commencement

<table>
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<tr>
<th>Semester</th>
<th>Study Plan</th>
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| **July** | **MATH2010** Analysis of ODEs  
**STAT2202** Probability Models for Engineering and Science  
**MECH2210** Intermediate Mechanical & Space Dynamics  
**METR2800** Mechatronic System Design Project I  
**PHYS1002** Electromagnetism and Modern Physics |  
**March** | **ELEC3004** Signals, Systems & Control  
**CSSE2010** Introduction to Computer Systems  
**MATH2001** Advanced Calculus and Linear Algebra  
**ELEC2003** Electromechanics & Electronics |  
**July** | **MECH2100** Machine Element Design  
**MECH3200** Advanced Dynamics & Vibrations  
**METR4202** Advanced Control & Robotics  
**Electives B1** |  
**March** | **METR3100** Sensors & Actuators  
**METR4810** Mechatronic System Design Project II  
**METR4201** Introduction to Control Systems  
**METR4900** Thesis/Design Project |  
**July** | **Part B1 Electives**  
**Part B1 Electives**  
**Part B1 Electives** |  

**Total:** 40

Assessed by: P. McAree, August 2007; Revised by H. Kurniawati, March 2013
UQ CRICOS Code: 00025B