This study plan should be used to guide enrolment for the current academic year. Some students may need to modify their enrolment based on previous study (e.g. students granted advanced standing/credit, students repeating previously failed courses).

**BACHELOR OF ENGINEERING (COMPUTER SYSTEMS) WITH BACHELOR OF FINANCE**

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th></th>
<th>YEAR 2</th>
<th></th>
<th>YEAR 3</th>
<th></th>
<th>YEAR 4</th>
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<tbody>
<tr>
<td><strong>S1</strong></td>
<td>MATHS 1011 Mathematics IA (3 units)#</td>
<td>COMP SCI 1201 Introduction to Programming for Engineers (3 units)</td>
<td>PHYSICS 1100 Physics IA (3 units)</td>
<td>ELEC ENG 1009 Electrical &amp; Electronic Engineering IA (3 units)</td>
<td><strong>S2</strong></td>
<td>MATHS 1012 Mathematics IB (3 units)</td>
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<tr>
<td><strong>S2</strong></td>
<td>MATHS 2201 Engineering Mathematics IIA (3 units)</td>
<td>COMP SCI 1202 Object-Oriented Programming for Engineers (3 units)</td>
<td>PHYSICS 1200 Physics IB (3 units)</td>
<td>ECON 1004 Principles of Microeconomics I (3 units)</td>
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<tr>
<td><strong>S2</strong></td>
<td>MATHS 2202 Engineering Mathematics IIB (3 units)</td>
<td>ELEC ENG 1010 Electrical &amp; Electronic Engineering IB (3 units)</td>
<td>ELEC ENG 2011 Circuit Analysis (3 units)</td>
<td>ECON 1009 International Financial Institutions &amp; Markets I (3 units)</td>
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<td><strong>S1</strong></td>
<td>COMP SCI 2103 Algorithm Design &amp; Data Structures for Engineers (3 units)</td>
<td>ELEC ENG 1010 Engineering Electromagnetics (3 units)</td>
<td>ELEC ENG 3009 Engineering Electromagnetics (3 units)</td>
<td>ECON 1000 Principles of Macroeconomics I (3 units)</td>
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<tr>
<td><strong>S2</strong></td>
<td>COMP SCI 2000 Computer Systems (3 units)</td>
<td>ELEC ENG 3033 Signal Processing (3 units)</td>
<td>ELEC ENG 2008 Electronics (3 units)</td>
<td>ECON 2504 Intermediate Econometrics II (3 units)</td>
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<tr>
<td><strong>S1</strong></td>
<td>COMP SCI 3001 Computer Networks &amp; Applications (3 units)</td>
<td>ELEC ENG 3027 Control (3 units)</td>
<td>ELEC ENG 3018 RF Engineering (3 units)</td>
<td>ECON 2508 Financial Economics II or CORPFIN 2502 Business Valuation II (3 units)</td>
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</table>

^ course not available in 2014
### FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES
#### 2014 STUDY PLAN

<table>
<thead>
<tr>
<th>YEAR</th>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2</td>
<td>COMP SCI 3004 Operating Systems</td>
<td>3 units</td>
<td>ELEC ENG 4056 Real Time Systems</td>
<td>3 units</td>
<td>CORPFIN 2501 Financial Institutions Management II</td>
<td>3 units</td>
<td>MATHS 3012 Financial Modelling: Tools &amp; Techniques or CORPFIN 3502 Options, Futures &amp; Risk Management III</td>
<td>3 units</td>
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<tr>
<td>S1</td>
<td>ELEC ENG 4036A Design Project Part 1</td>
<td>3 units</td>
<td>ELEC ENG 4055 System Engineering Management</td>
<td>3 units</td>
<td>CORPFIN 3501 Portfolio Theory &amp; Management III</td>
<td>3 units</td>
<td>Level III Finance courses</td>
<td>3 units</td>
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<tr>
<td>S2</td>
<td>ELEC ENG 4036B Design Project Part 2</td>
<td>3 units</td>
<td>COMP SCI 3006 Software Engineering &amp; Project</td>
<td>3 units</td>
<td>ELEC ENG 4064 Business Management Systems</td>
<td>3 units</td>
<td>Level III Finance courses</td>
<td>3 units</td>
</tr>
</tbody>
</table>

# Students who have not passed SACE Stage 2 Specialist Maths are required to enrol in MATHS 1013 Mathematics IM as a prerequisite to enrolling in MATHS 1011 Mathematics IA. The satisfactory completion of MATHS 1013 Mathematics IM is in addition to the normal requirements of this program. Students may manage their enrolment by enrolling in MATHS 1013 Mathematics IM in semester 1, followed by MATHS 1011 Mathematics IA in semester 2, and MATHS 1012 Mathematics IB in summer school.

**Either one of these courses can also be taken in lieu of a Level III Finance elective.**