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).

### FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES

#### 2014 STUDY PLAN

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FOR ADVANCED STANDING - OFFICE USE ONLY

☑ Please mark the box to indicate advanced standing granted (use CONDITIONAL to denote conditional advanced standing)

<table>
<thead>
<tr>
<th>Unspecified Elective Credit:</th>
<th>Level 1: units</th>
<th>Level 2: units</th>
<th>Level 3: units</th>
<th>Level 4: units</th>
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<tr>
<td>Student ID Number:</td>
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<tr>
<td>Student Name:</td>
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<tr>
<td>Date:</td>
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<td></td>
<td>Date: 21/01/14</td>
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<tr>
<td>Assessor Name:</td>
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<tr>
<td>Advanced Standing Granted:</td>
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<tr>
<td>Remaining Program Duration:</td>
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<tr>
<td>Applicant's Previous Institution:</td>
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<tr>
<td>Applicant's Previous Qualification:</td>
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#### BACHELOR OF ENGINEERING (CIVIL & STRUCTURAL) WITH BACHELOR OF FINANCE

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>S1</th>
<th>C&amp;ENVENG 1008 Engineering Planning &amp; Design IA (3 units)</th>
<th>C&amp;ENVENG 1010 Engineering Mechanics - Statics (3 units)</th>
<th>MATHS 1011 Mathematics IA (3 units)#</th>
<th>ECON 1004 Principles of Microeconomics I (3 units)</th>
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</thead>
<tbody>
<tr>
<td>S2</td>
<td></td>
<td>C&amp;ENVENG 1009 Civil &amp; Environmental Engineering IA (3 units)</td>
<td>C&amp;ENVENG 1012 Engineering Modelling &amp; Analysis IA (3 units)</td>
<td>MATHS 1012 Mathematics IB (3 units)</td>
<td>ECON 1000 Principles of Macroeconomics I (3 units)</td>
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<table>
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<tr>
<th>YEAR 2</th>
<th>S1</th>
<th>C&amp;ENVENG 2025 Strength of Materials IIA (3 units)</th>
<th>C&amp;ENVENG 2071 Water Engineering IIA (3 units)</th>
<th>MATHS 2201 Engineering Mathematics IIA (3 units)</th>
<th>ECON 1009 International Financial Institutions &amp; Markets I (3 units)</th>
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<tbody>
<tr>
<td>S2</td>
<td></td>
<td>C&amp;ENVENG 2069 Geotechnical Engineering IIA (3 units)</td>
<td>C&amp;ENVENG 2070 Engineering Modelling &amp; Analysis IIA (3 units)</td>
<td>C&amp;ENVENG 2072 Structural Engineering Design (3 units)</td>
<td>ACCTING 1002 Accounting for Decision Makers I (3 units)</td>
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<tr>
<th>YEAR 3</th>
<th>S1</th>
<th>C&amp;ENVENG 3001 Structural Mechanics IIIA (3 units)</th>
<th>C&amp;ENVENG 3007 Structural Design III (Steel) (3 units)</th>
<th>C&amp;ENVENG 3077 Engineering Hydrology (3 units)</th>
<th>CORPFIN 2500 Business Finance II (3 units)</th>
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<tr>
<td>S2</td>
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<td>C&amp;ENVENG 3005 Structural Design III (Concrete) (3 units)</td>
<td>C&amp;ENVENG 3012 Geotechnical Engineering Design III (3 units)</td>
<td>ECON 2504 Intermediate Econometrics II (3 units)</td>
<td>ECON 2508 Financial Economics II or CORPFIN 2502 Business Valuation II (3 units)</td>
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| YEAR 4 | S1 | C&ENVENG 3029 Environmental Modelling & Management or CHEM ENG 4051 Water & Wastewater | Level III Finance Course (3 units) | Level III Finance Course (3 units) | CORPFIN 2501 Financial Institutions Management II (3 units) |

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^ course not available in 2014

Last Updated: 14/8/13
## 2014 STUDY PLAN

### YEAR 5

**S1**
- C&ENVENG 4003A Civil & Structural Engineering Research Project Part 1 (3 units)
- C&ENVENG 4034 Engineering Management IV (3 units)
- Engineering Elective Course (3 units)
- Engineering Elective Course (3 units)

**S2**
- C&ENVENG 4003B Civil & Structural Engineering Research Project Part 2 (3 units)
- C&ENVENG 4068 Computer Methods of Structural Analysis (3 units)
- Engineering Elective Course (3 units)
- Engineering Elective Course (3 units)

### SEMESTER 1

- C&ENVENG 4108 Environmental Engineering & Design IVA (3 units)
- C&ENVENG 4099 Structural Response to Blast Loading (3 units)
- CHEM ENG 4051 Water & Wastewater Engineering (3 units)
- C&ENVENG 4073 Water Distribution Systems & Design (3 units)
- C&ENVENG 3029 Environmental Modelling & Management (3 units)
- MINING 4102 Mine Geotechnical Engineering (3 units)
- C&ENVENG 1112 Advanced Civil Geotechnical Engineering (3 units)
- MINING 3072 Mining Geomechanics (3 units)

### SEMESTER 2

- C&ENVENG 4110 Environmental Engineering & Design IVC (3 units)
- C&ENVENG 4107 Prestressed Concrete Structures (3 units)
- C&ENVENG 4070 Seismic Design of Masonry Buildings (3 units)
- C&ENVENG 4109 Environmental Engineering & Design IVB (3 units)
- C&ENVENG 4077 Coastal Engineering & Design (3 units)
- C&ENVENG 4085 Traffic Engineering & Design (3 units)
- C&ENVENG 4106 Introduction to Geostatistics (3 units)

### SUMMER SCHOOL

- C&ENVENG 4106 Introduction to Geostatistics (3 units)

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# 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.

### Students not selected for Honours are required to take additional final year elective courses to the value of 6 units in lieu of the final year project.
**Either one of these courses can also be taken in lieu of a Level III Finance elective.**

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