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 (CIVIL & ENVIRONMENTAL) WITH BACHELOR OF FINANCE

<table>
<thead>
<tr>
<th>Year</th>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
<th>Elective</th>
<th>Level 1</th>
<th>Level 2</th>
<th>Level 3</th>
<th>Level 4</th>
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<tr>
<td>1</td>
<td>S1</td>
<td>C&amp;ENVENG 1008</td>
<td>Engineering Planning &amp; Design IA (3 units)</td>
<td>Yes</td>
<td>C&amp;ENVENG 1010</td>
<td>Engineering Mechanics - Statics (3 units)</td>
<td>MATHS 1011</td>
<td>Mathematics IA (3 units)</td>
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<td>S2</td>
<td>C&amp;ENVENG 1009</td>
<td>Civil &amp; Environmental Engineering IA (3 units)</td>
<td>Yes</td>
<td>C&amp;ENVENG 1012</td>
<td>Engineering Modelling &amp; Analysis IA (3 units)</td>
<td>MATHS 1012</td>
<td>Mathematics IB (3 units)</td>
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<td>2</td>
<td>S1</td>
<td>C&amp;ENVENG 2068</td>
<td>Environmental Engineering &amp; Sustainability II (3 units)</td>
<td>Yes</td>
<td>C&amp;ENVENG 2071</td>
<td>Water Engineering IIA (3 units)</td>
<td>MATHS 2201</td>
<td>Engineering Mathematics IIA (3 units)</td>
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<td>S2</td>
<td>C&amp;ENVENG 2070</td>
<td>Engineering Modelling &amp; Analysis IIA (3 units)</td>
<td>Yes</td>
<td>C&amp;ENVENG 2069</td>
<td>Geotechnical Engineering IIA (3 units)</td>
<td>ACCTING 1002</td>
<td>Accounting for Decision Makers I (3 units)</td>
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<td>3</td>
<td>S1</td>
<td>C&amp;ENVENG 3077</td>
<td>Engineering Hydrology (3 units)</td>
<td>Yes</td>
<td>C&amp;ENVENG 3029</td>
<td>Environmental Modelling &amp; Management (3 units)</td>
<td>CORPFIN 2500</td>
<td>Business Finance II (3 units)</td>
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<td>S2</td>
<td>C&amp;ENVENG 2067</td>
<td>Construction, Management &amp; Surveying (3 units)</td>
<td>Yes</td>
<td>C&amp;ENVENG 3079</td>
<td>Water Engineering &amp; Design III S2 (3 units)</td>
<td>C&amp;ENVENG 4037</td>
<td>Introduction to Environmental Law (3 units)</td>
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<td>4</td>
<td>S1</td>
<td>CHEM ENG 4051</td>
<td>Water &amp; Wastewater Engineering (3 units)</td>
<td>Yes</td>
<td>CORPFIN 2501</td>
<td>Financial Institutions Management II (3 units)</td>
<td>Level III Finance Course (3 units)</td>
<td>Level III Finance Course (3 units)</td>
</tr>
</tbody>
</table>
# FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES
## 2014 STUDY PLAN

### YEAR 5

#### S1
- **C&ENVENG 4005A Civil & Environmental Research Project Part 1** (3 units)
- **C&ENVENG 4073 Water Distribution Systems & Design** (3 units) *
- **C&ENVENG 4097 Analysis of Rivers & Sediment Transport** (3 units) *
- **C&ENVENG 4112 Advanced Civil Geotechnical Engineering** (3 units) *

#### S2
- **C&ENVENG 4005B Civil & Environmental Research Project Part 2** (3 units)##
- **C&ENVENG 4085 Traffic Engineering & Design** (3 units)
- **C&ENVENG 4077 Coastal Engineering & Design** (3 units)
- **SOIL&WAT 3010 Remote Sensing** (3 units) *

### SUMMER SCHOOL
- **C&ENVENG 4106 Introduction to Geostatistics** (3 units)
- **SOIL&WAT 3007WT GIS for Environmental Management** (3 units) *

### CHOOSE FROM THE FOLLOWING ENGINEERING ELECTIVES

#### SEMESTER 1
- **MINING 4104 Socio-Environmental Aspects of Mining** (3 units) *
- **C&ENVENG 4073 Water Distribution Systems & Design** (3 units) *
- **C&ENVENG 4097 Analysis of Rivers & Sediment Transport** (3 units) *
- **C&ENVENG 4112 Advanced Civil Geotechnical Engineering** (3 units) *

#### SEMESTER 2
- **C&ENVENG 3012 Geotechnical Engineering Design III** (3 units) *
- **C&ENVENG 4085 Traffic Engineering & Design** (3 units)
- **C&ENVENG 4077 Coastal Engineering & Design** (3 units) *
- **SOIL&WAT 3010 Remote Sensing** (3 units) *

#### SUMMER SCHOOL
- **C&ENVENG 4106 Introduction to Geostatistics** (3 units)
- **SOIL&WAT 3007WT GIS for Environmental Management** (3 units) *

*Students should undertake at least two electives from the Environmental and Water Engineering groups.

# 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 I, 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.

## 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.