### 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:</th>
<th>units</th>
<th>Level 2:</th>
<th>units</th>
<th>Level 3:</th>
<th>units</th>
<th>Level 4:</th>
<th>units</th>
</tr>
</thead>
</table>

Student ID Number: [Student Name]: Date: 3/02/14

Applicant’s Previous Institution: Applicant’s Previous Qualification: Advanced Standing Granted: units Remaining Program Duration: 5 years

Assessor’s Comments:

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 (CHEMICAL) AND BACHELOR OF ARTS

<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>S1</th>
<th>MATHS 1011 Mathematics IA (3 units)#</th>
<th>CHEM 1100 Chemistry IA or CHEM 1101 Foundations of Chemistry IA (3 units)</th>
<th>CHEM ENG 1007 Introduction to Process Engineering (3 units)</th>
<th>BIOLOGY 1101 Biology I: Molecules, Genes &amp; Cells or GEOLOGY 1103 Earth Systems I or GEOLOGY 1104 Geology for Engineers I (3 units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2</td>
<td></td>
<td>MATHS 1012 Mathematics IB (3 units)</td>
<td>CHEM 1200 Chemistry IB OR CHEM 1201 Foundations of Chemistry IB (3 units)</td>
<td>CHEM ENG 1010 Professional Practice I (3 units)</td>
<td>CHEM ENG 1011 Introduction to Process Modelling (3 units)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>YEAR 2</th>
<th>S1</th>
<th>CHEM ENG 2010 Principles of Process Engineering (3 units)</th>
<th>CHEM ENG 2018 Process Fluid Mechanics (3 units)</th>
<th>MATHS 2201 Engineering Mathematics IIA (3 units)</th>
<th>ARTS 1007 The Enquiring Mind: Arts of Engagement (3 units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2</td>
<td></td>
<td>CHEM ENG 2011 Process Engineering Thermodynamics (3 units)</td>
<td>CHEM ENG 2016 Professional Practice II (3 units)</td>
<td>CHEM ENG 2014 Process Heat Transfer (3 units)</td>
<td>CHEM ENG 2013 Advanced Process Modelling (3 units)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>YEAR 3</th>
<th>S1</th>
<th>CHEM ENG 3024 Professional Practice III (3 units)</th>
<th>CHEM ENG 3035 Multi-Phase Fluid &amp; Particle Mechanics (3 units)</th>
<th>CHEM ENG 3034 Kinetics &amp; Reactor Design (3 units)</th>
<th>CHEM ENG 3029 Materials Science &amp; Engineering (3 units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S2</td>
<td></td>
<td>CHEM ENG 3036 Unit Operations Laboratory (3 units)</td>
<td>CHEM ENG 3030 Simulation &amp; Concept Design (3 units)</td>
<td>CHEM ENG 3031 Process Control &amp; Instrumentation (3 units)</td>
<td>CHEM ENG 3033 Separation Processes (3 units)</td>
</tr>
</tbody>
</table>
## YEAR 4

### S1
- CHEM ENG 4034 Professional Practice IV (3 units)
- CHEM ENG 4056 Research Practice (3 units)
- CHEM ENG 4050 Advanced Chemical Engineering (3 units)
- Level I Arts Course (3 units)

### S2
- CHEM ENG 4014 Plant Design Project (6 units)
- CHEM ENG 4054 Research Project or CHEM ENG 4055 Advanced Unit Operations Laboratory (3 units)
- Engineering Elective Course (3 units)

## YEAR 5

### S1
- Advanced Level Arts Courses (3 units)
- Advanced Level Arts Courses (3 units)
- Advanced Level Arts Courses (3 units)
- Advanced Level Arts Courses (3 units)

### S2
- Advanced Level Arts Courses (3 units)
- Advanced Level Arts Courses (3 units)
- Advanced Level Arts Courses (3 units)
- Advanced Level Arts Courses (3 units)

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### CHOOSE FROM THE FOLLOWING ENGINEERING ELECTIVES

#### SEMESTER 1
- CHEM ENG 4059 Pyrometallurgy (3 units)
- CHEM ENG 4046 Combustion Processes (3 units)
- CHEM ENG 4053 Pinch Analysis & Process Synthesis (3 units)
- CHEM ENG 4051 Water & Wastewater Engineering (3 units)

#### SEMESTER 2
- CHEM ENG 4048 Bio-Fuels, Biomass & Wastes (3 units)
- CHEM ENG 4058 Hydrometallurgy & Electrometallurgy (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 I, followed by MATHS 1011 Mathematics IA in semester 2, and MATHS 1012 Mathematics IB in summer school.