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).

<table>
<thead>
<tr>
<th>Unspecified Elective Credit:</th>
<th>Level 1:</th>
<th>Level 2:</th>
<th>Level 3:</th>
<th>Level 4:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student ID Number:</td>
<td>Student Name:</td>
<td>Student Name:</td>
<td>Date: 4/09/14</td>
<td></td>
</tr>
<tr>
<td>Assessor Name:</td>
<td>Advanced Standing Granted:</td>
<td>units</td>
<td>Remaining Program Duration: 5 years</td>
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<tr>
<td>Applicant’s Previous Institution:</td>
<td>Applicant’s Previous Qualification:</td>
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<td>Assessor’s Comments:</td>
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</table>

<table>
<thead>
<tr>
<th>BACHELOR OF ENGINEERING (HONOURS) (PETROLEUM AND CHEMICAL)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LEVEL 1</strong></td>
</tr>
<tr>
<td>S1</td>
</tr>
<tr>
<td>CEN 1100 Chemistry IA (3 units)</td>
</tr>
<tr>
<td>PETROENG 1006 Introduction to Petroleum Engineering (3 units)</td>
</tr>
<tr>
<td><strong>LEVEL 2</strong></td>
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<tr>
<td>S1</td>
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<tr>
<td>CEN ENG 2018 Process Fluid Mechanics (3 units)</td>
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<tr>
<td><strong>LEVEL 3</strong></td>
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<tr>
<td>S1</td>
</tr>
<tr>
<td>CEN ENG 3035 Multi-Phase Fluid &amp; Particle Mechanics (3 units)</td>
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<tr>
<td>PETROENG 3001 Reservoir Simulation (3 units)</td>
</tr>
<tr>
<td><strong>LEVEL 4</strong></td>
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<tr>
<td>S1</td>
</tr>
<tr>
<td>CEN ENG 3024 Professional Practice III (3 units)</td>
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### CHEM ENG 4014 Plant Design Project (6 units)

### LEVEL 5

#### S1
- PETROENG 4004A Petroleum Engineering Honours Project Part 1 (3 units)
- PETROENG 4027 Decision Making & Risk Analysis (3 units)
- PETROENG 4035 Reservoirs & Reserves (3 units)
- Chemical or Petroleum Elective Course (3 units)

#### S2
- PETROENG 4004B Petroleum Engineering Honours Project Part 2 (3 units)
- PETROENG 4022 Integrated Field Development & Economics Project (3 units)
- PETROENG 4034 Petroleum Business & Project Economics (3 units)
- PETROENG 4037 Unconventional Resources & Recovery (3 units)

### LEVEL 5

#### S1
- PETROENG 4004A Petroleum Engineering Honours Project Part 1 (3 units)
- PETROENG 4027 Decision Making & Risk Analysis (3 units)
- PETROENG 4035 Reservoirs & Reserves (3 units)
- Chemical or Petroleum Elective Course (3 units)

#### S2
- PETROENG 4004B Petroleum Engineering Honours Project Part 2 (3 units)
- PETROENG 4022 Integrated Field Development & Economics Project (3 units)
- PETROENG 4034 Petroleum Business & Project Economics (3 units)
- PETROENG 4037 Unconventional Resources & Recovery (3 units)

### CHOOSE FROM THE FOLLOWING PETROLEUM ENGINEERING ELECTIVES

#### SEMESTER 1
- PETROENG 4033 Integrated Reservoir & Project Management IV (3 units)
- PETROENG 4026 Formation Damage & Productivity Enhancement (3 units)
- PETROENG 4007 Well Testing & Pressure Transient Analysis (3 units)

#### SEMESTER 2
- PETROENG 4023 Well Completion & Stimulation (3 units)
- PETROENG 4019 Structural Geology & Seismic Methods (3 units)

### CHOOSE FROM THE FOLLOWING CHEMICAL ENGINEERING ELECTIVES

#### SEMESTER 1
- CHEM ENG 4053 Pinch Analysis & Process Synthesis (3 units)
- CHEM ENG 4052 Food Process Engineering (3 units)

#### SEMESTER 2
- CHEM ENG 4032 Composite & Multiphase Polymers (3 units)

### Notes:

#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.

^ course not available in 2015