

**2017 STUDY PLAN**

<b>FOR ADVANCED STANDING - OFFICE USE ONLY</b>								
<input checked="" type="checkbox"/> Please mark the box to indicate advanced standing granted (use <b>CONDITIONAL</b> to denote conditional advanced standing)								
Unspecified Elective Credit:	Level 1:	units	Level 2:	units	Level 3:	units	Level 4:	units
Student ID Number:			Student Name:			Date: 6/12/16		
Assessor Name:			Advanced Standing Granted: units			Remaining Program Duration: 5 years		
Applicant's Previous Institution:			Applicant's Previous Qualification:					
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).

<b>BACHELOR OF ENGINEERING (HONOURS) (PETROLEUM) AND BACHELOR OF SCIENCE</b>					
YEAR 1	S1	GEOLOGY 1103 Earth Systems I (3 units) <input type="checkbox"/>	PETROENG 1005 Introduction to Petroleum Geosciences & the Oil Industry (3 units) <input type="checkbox"/>	MATHS 1011 Mathematics IA (3 units)# <input type="checkbox"/>	PHYSICS 1100 Physics IA (3 units) <input type="checkbox"/>
	S2	PETROENG 1006 Introduction to Petroleum Engineering (3 units) <input type="checkbox"/>	GEOLOGY 1100 Earth's Interior I (3 units) <input type="checkbox"/>	MATHS 1012 Mathematics IB (3 units) <input type="checkbox"/>	COMP SCI 1201 Introduction to Programming for Engineers (3 units) <input type="checkbox"/>
YEAR 2	S1	MATHS 2201 Engineering Mathematics IIA (3 units) <input type="checkbox"/>	C&ENVENG 1010 Engineering Mechanics - Statics (3 units) <input type="checkbox"/>	PETROENG 2010 Drilling Engineering (3 units) <input type="checkbox"/>	CHEM ENG 1007 Introduction to Process Engineering (3 units) <input type="checkbox"/>
	S2	MATHS 2202 Engineering Mathematics IIB (3 units) <input type="checkbox"/>	PETROENG 2009 Formation Evaluation, Petrophysics & Rock Properties (3 units) <input type="checkbox"/>	PETROENG 2001 Reservoir Thermodynamics & Fluid Properties (3 units) <input type="checkbox"/>	PETROENG 2005 Sedimentology & Stratigraphy (3 units) <input type="checkbox"/>
YEAR 3	S1	PETROENG 3026 Formation Damage & Productivity Enhancement (3 units) <input type="checkbox"/>	PETROENG 3025 Reservoir Engineering (3 units) <input type="checkbox"/>	PETROENG 3005 Reservoir Characterisation & Modelling (3 units) <input type="checkbox"/>	GEOLOGY 2501 Structural Geology II (3 units) <input type="checkbox"/>
	S2	GEOLOGY 2505 Geochemistry (3 units) <input type="checkbox"/>	GEOLOGY 2502 Igneous and Metamorphic Geology II (3 units) <input type="checkbox"/>	PETROENG 3020 Production Engineering (3 units) <input type="checkbox"/>	PETROENG 3019 Structural Geology & Seismic Methods (3 units) <input type="checkbox"/>
YEAR 4	S1	GEOLOGY 3016 Igneous and Metamorphic Geology III (3 units) <input type="checkbox"/>	GEOLOGY 3500 Exploration Methods III (3 units) <input type="checkbox"/>	GEOLOGY 3008 Geophysics III (3 units) <input type="checkbox"/>	GEOLOGY 3013 Tectonics III (3 units) <input type="checkbox"/>

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	S2	GEOLOGY 3019 Field Geoscience Program III (3 units) <input type="checkbox"/>	GEOLOGY 3505 Earth Systems History III (3 units) <input type="checkbox"/>	SOIL&WAT 3010 Remote Sensing III (3 units) <input type="checkbox"/>	GEOLOGY 3502 Mineral and Energy Resources III (3 units) <input type="checkbox"/>
YEAR 5	S1	PETROENG 4004A Petroleum Engineering Honours Project Part 1 (3 units) <input type="checkbox"/>	PETROENG 4027 Decision Making & Risk Analysis (3 units) <input type="checkbox"/>	PETROENG 4035 Reservoirs, Resources & Reserves (3 units) <input type="checkbox"/>	Engineering Elective (3 units) <input type="checkbox"/>
	S2	PETROENG 4004B Petroleum Engineering Honours Project Part 2 (3 units) <input type="checkbox"/>	PETROENG 4022 Integrated Field Development & Economics Project (3 units) <input type="checkbox"/>	PETROENG 4034 Petroleum Business & Project Economics (3units) <input type="checkbox"/>	Engineering Elective (3 units) <input type="checkbox"/>

**CHOOSE FROM THE FOLLOWING ENGINEERING ELECTIVES**

SEMESTER 1	PETROENG 3007 Well Testing & Pressure Transient Analysis (3 units) <input type="checkbox"/>	PETROENG 4033 Integrated Reservoir & Project Management (3 Units) <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SEMESTER 2	PETROENG 4037 Unconventional Resources & Recovery (3 units) <input type="checkbox"/>	PETROENG 3001 Reservoir Simulation (3 units) <input type="checkbox"/>	PETROENG 3023 Well Completion & Stimulation (3 units) <input type="checkbox"/>	<input type="checkbox"/>

#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.

22/10/15 Administrative note only: Students will achieve a double major in Geology and Geophysics and Applied Geology but will not be recognised on the parchment at this stage due to set up as a combined degree that requires only one sub plan – in this case the sub plan recognised will be Petroleum. LS