FACULTY OF ENGINEERING, COMPUTER AND MATHEMATICAL SCIENCES

2017 STUDY PLAN

THE UNIVERSITY of ADELAIDE

FOR ADVANCED STANDING - OFFICE USE ONLY				
☒ Please mark the box to indicate advanced standing granted (use **CONDITIONAL** 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).

BACHELOR OF ENGINEERING (HONOURS) (PETROLEUM AND MINING)					
YEAR 1	S1	MATHS 1011 Mathematics IA (3 units)# ☐	C&ENVENG 1010 Engineering Mechanics - Statics (3 units) ☐	CHEM ENG 1007 Introduction to Process Engineering (3 units) ☐	PETROENG 1005 Introduction to Petroleum Geosciences & the Oil Industry (3 units) ☐
	S2	MATHS 1012 Mathematics IB (3 units) ☐	PETROENG 1006 Introduction to Petroleum Engineering (3 units) ☐	COMP SCI 1201 Introduction to Programming for Engineers (3 units) ☐	MINING 1011 Introduction to Mining Engineering I (3 units) ☐
YEAR 2	S1	MATHS 2201 Engineering Mathematics IIA (3 units) ☐	C&ENVENG 2025 Strength of Materials II (3 units) ☐	C&ENVENG 2071 Water Engineering II (3 units) ☐	PETROENG 2010 Drilling Engineering (3 units) ☐
	S2	PETROENG 2009 Formation Evaluation, Petrophysics and Rock Properties (3 units) ☐	MATHS 2104 Numerical Methods II (3 units) ☐	GEOLOGY 2504 Economic & Mine Geology II (3 units) ☐	C&ENVENG 2069 Geotechnical Engineering II (3 units) ☐
YEAR 3	S1	MINING 3072 Mining Geomechanics (3 units) ☐	MINING 3071 Mining Systems (3 units) ☐	MINING 4102 Mine Geotechnical Engineering(3 units) ☐	MINING 3070 Resource Estimation (3units) ☐
	S2	MINING 3068 Mine Ventilation (3 units) ☐	MINING 3069 Rock Breakage (3 units) ☐	MINING 4101 Mine Management (3 units) ☐	MINING 3073 Mine Planning (3 units) ☐
YEAR 4	S1	PETROENG 3025 Reservoir Engineering (3 units) ☐	PETROENG 3005 Reservoir Characterisation & Modelling (3 units) ☐	PETROENG 3007 Well Testing & Pressure Transient Analysis (3 units) ☐	MINING 4106 Hard Rock Mine Design & Feasibility (3 units) ☐

	S2	PETROENG 3020 Production Engineering (3 units) ☐	PETROENG 3001 Reservoir Simulation (3 units) ☐	PETROENG 3019 Structural Geology & Seismic Methods (3 units) ☐	MINING 4111 Coal Mine Design & Feasibility (3 units) ☐
YEAR 5	S1	PETROENG 4004A Petroleum Engineering Honours Project Part 1 (3 units) ☐	PETROENG 4033 Integrated Reservoir & Project Management (3 units) ☐	PETROENG 4027 Decision Making and Risk Analysis (3 units) ☐	PETROENG 4035 Reservoirs, Resources & Reserves (3 units) ☐
	S2	PETROENG 4004B Petroleum Engineering Honours Project Part 2 (3 units) ☐	PETROENG 4034 Petroleum Business & Project Economics (3 units) ☐	PETROENG 4022 Integrated Field Development & Economics Project (3 units) ☐	PETROENG 4037 Unconventional Resources & Recovery (3 units) ☐

#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.