

Engineering
 Bachelor of Engineering (Honours) (3707)
Petroleum Engineering (PETRAH)



T1 Entry 2024 Sample Plan

		Year 2	
Term 1	<p>PHYS1121 Physics 1A <u>OR</u> PHYS1131 Higher Physics 1A</p> <p>MATH1131 Mathematics 1A <u>OR</u> MATH1141 Higher Mathematics 1A</p>	<p>CEIC2001 Materials and Energy System</p> <p>MATH2019 Engineering Mathematics 2E <u>OR</u> MATH2018 Engineering Mathematics 2D</p> <p>Free Elective Course</p>	
	<p>ENGG1811 Computing for Engineers</p> <p>MATH1231 Mathematics 1B <u>OR</u> MATH1241 Higher Mathematics 1B</p> <p>General Education Course</p>	<p>MERE2001 Sedimentary and Energy Resource Geology</p> <p>MERE2002 Seismic Imaging</p> <p>PTRL2020 Petrophysics</p>	
	<p>MATS1101 Engineering Materials and Chemistry</p> <p>General Education Course</p> <p>PTRL2019 Reservoir Engineering A</p>	<p>PTRL2010 Business Practices in the Petroleum Industry</p> <p>DESN2000 Engineering Design and Professional Practice</p>	
Term 2			
Term 3			

Engineering Bachelor of Engineering (Honours) (3707)

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T2 Entry 2024 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	ENGG1811 Computing for Engineers	Term 2	MERE2001 Sedimentary and Energy Resource Geology	Term 2	PTRL3030 Reservoir Characterisation	Term 2	PTRL4021 Petroleum Production Engineering
	PHYS1121 Physics 1A OR PHYS1131 Higher Physics 1A		MERE2002 Seismic Imaging		PTRL3001 Reservoir Engineering B		PTRL4017 Well Technology
	MATH1131 Mathematics 1A		General Education Course		PTRL2020 Petrophysics		MERE4951 (4 UoC) Research Thesis A
Term 3	DESN1000 Engineering Design and Innovation	Term 3	PTRL2019 Reservoir Engineering A	Term 3	PTRL3040 Numerical Reservoir Simulation	Term 3	Discipline Elective Course
	MATS1101 Engineering Materials and Chemistry		PTRL2010 Business Practices in the Petroleum Industry		PTRL3050 Well Pressure Testing		Free Elective Course
	MATH1231 Mathematics 1B		DESN2000 Engineering Design and Professional Practice		Discipline Elective Course		MERE4952 (4 UoC) Research Thesis B
Term 1	MATH2019 Engineering Mathematics 2E OR MATH2018 Engineering Mathematics 2D	Term 1	PTRL3015 Well Drilling Equipment and Operations	Term 1	PTRL4012 Petroleum Productive Engineering	Term 1	General Education Course
	CEIC2001 Materials and Energy System		PTRL3025 Petroleum Economics		PTRL4020 Natural Gas Engineering		MERE4953 (4 UoC) Research Thesis C
							Free Elective Course

NOTES	<p>Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999</p> <p>This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.</p>
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