Engineering

Bachelor of Engineering (Honours) (3707)

Petroleum Engineering (PETRAH)

T1 Entry 2023 Sample Plan

	Year 1	Year 2	Year 3	Year 4
Term 1	**DESN1000** Engineering Design and Innovation	**CEIC2001** Materials and Energy System	**PTRL3015** Well Drilling Equipment and Operations	**PTRL4012** Petroleum Productive Engineering
	PHYS1121 OR **PHYS1131** (Higher) Physics 1A	**MATH2018** Engineering Mathematics 2D OR **MATH2019** Engineering Mathematics 2E	**PTRL3025** Petroleum Economics	**PTRL4020** Natural Gas Engineering
	MATH1131 OR **MATH1141** (Higher) Mathematics 1A		**Discipline Elective Course**	**MERE4951** Research Thesis A
Term 2	**ENGG1811** Computing for Engineers	**MERE2001** Sedimentary and Energy Resource Geology	**PTRL3030** Reservoir Characterisation	**PTRL4021** Petroleum Production Engineering
	MATH1231 OR **MATH1241** (Higher) Mathematics 1A	**MERE2002** Seismic Imaging	**PTRL3001** Reservoir Engineering B	**PTRL4017** Well Technology
	General Education Course	**Free Elective Course**	**PTRL2020** Petrophysics	**MERE4952** Research Thesis B
Term 3	**MATS1101** Engineering Materials and Chemistry	**PTRL2019** Reservoir Engineering A	**PTRL3040** Numerical Reservoir Simulation	**Discipline Elective Course**
	General Education Course	**PTRL2010** Business Practices in the Petroleum Industry	**PTRL3050** Well Pressure Testing	**Free Elective Course**
	PTRL2020 Petrophysics	**DESN2000** Engineering Design and Professional Practice		**MERE4953** Research Thesis C

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.

Engineering

Bachelor of Engineering (Honours) (3707)

Petroleum Engineering (PETRAH)

T2 Entry 2023 Sample Plan

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

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

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Engineering

Bachelor of Engineering (Honours) (3707)

Petroleum Engineering (PETRAH)

T3 Entry 2023 Sample Plan

	Year 1	Year 2	Year 3	Year 4
Term 3	**MATS1101** Engineering Materials and Chemistry	**PTRL2010** Business Practices in the Petroleum Industry	**PTRL3040** Numerical Reservoir Simulation	**General Education Course**
	PHYS1121 OR **PHYS1131** (Higher) Physics 1A	**PTRL2019** Reservoir Engineering A	**PTRL3050** Well Pressure Testing	**Discipline Elective Course**
	MATH1131 OR **MATH1141** (Higher) Mathematics 1A		**DESN2000** Engineering Design and Professional Practice	**MERE4951** Research Thesis A
Term 1	**MATH1231** OR **MATH1241** (Higher) Mathematics 1A	**MATH2018** Engineering Mathematics 2D OR **MATH2019** Engineering Mathematics 2E	**PTRL4020** Natural Gas Engineering	**Discipline Elective Course**
	DESN1000 Engineering Design and Innovation	**CEIC2001** Materials and Energy System	**PTRL3025** Petroleum Economics	**Free Elective Course**
		PTRL3015 Well Drilling Equipment and Operations	**PTRL4012** Petroleum Productive Engineering	**MERE4952** Research Thesis B
Term 2	**ENGG1811** Computing for Engineers	**PTRL3001** Reservoir Engineering B	**PTRL4017** Well Technology	**General Education Course**
	MERE2001 Sedimentary and Energy Resource Geology	**PTRL3030** Reservoir Characterisation	**PTRL4021** Petroleum Production Engineering	**Free Elective Course**
	MERE2002 Seismic Imaging	**PTRL2020** Petrophysics		**MERE4953** Research Thesis C

NOTES

Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999

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