

		Year 2		Year 3		Year 4	
Term 1	<b>PHYS1121</b> Physics 1A <u>OR</u> <b>PHYS1131</b> Higher Physics 1A	<b>ENGG2400</b> Mechanics of Solids 1		<b>MINE3220</b> Resource Estimation		<b>MERE4951</b> (4 UoC) Research Thesis A	
		<b>CEIC2001</b> Fluid and Particle Mechanics		<b>MINE3310</b> Mining Geomechanics		<b>MINE4250</b> Hardrock Mine Design and Feasibility Project	
	<b>MATH1131</b> Mathematics 1A <u>OR</u> <b>MATH1141</b> Higher Mathematics 1A	<b>MATH2089</b> Numerical Methods and Statistics		<b>MINE3430</b> Mining Systems		<b>MINE4310</b> Mine Geotechnical Engineering	
Term 2	<b>ENGG1811</b> Computing for Engineers	<b>MERE2810</b> Mineral Resource Geology & Geophysics		<b>MINE3230</b> Mine Planning		<b>MERE4952</b> (4 UoC) Research Thesis B	
	<b>MATH1231</b> Mathematics 1B <u>OR</u> <b>MATH1241</b> Higher Mathematics 1B	<b>General Education Course</b>		<b>MINE3910</b> Socio-Environmental Aspects of Mining		<b>MINE4710</b> Mine Management	
	<b>ENGG1300</b> Engineering Mechanics	<b>MATH2018</b> Engineering Mathematics 2D		<b>Discipline Elective Course</b>		<b>General Education Course</b>	
Term 3	<b>GEOS1111</b> Investigating Earth and Its Evolution	<b>DESN2000</b> Engineering Design and Professional Practice		<b>MINE3510</b> Mine Ventilation		<b>MERE4953</b> (4 UoC) Research Thesis C	
	<b>Free Elective Course</b>	<b>MINE2820</b> Minerals Processing		<b>MINE3630</b> Rock Breakage		<b>Discipline Elective Course</b>	
						<b>Free Elective Course</b>	

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)

## Mining Engineering (MINEAH)

### T2 Entry 2024 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	<b>PHYS1121</b> Physics 1A <b>OR</b> <b>PHYS1131</b> Higher Physics 1A	Term 2	<b>ENGG2400</b> Mechanics of Solids 1	Term 2	<b>MINE3230</b> Mine Planning	Term 2	<b>MERE4951</b> (4 UoC) Research Thesis A
	<b>MATH1131</b> Mathematics 1A		<b>MERE2810</b> Mineral Resource Geology & Geophysics		<b>MINE3910</b> Socio-Environmental Aspects of Mining		<b>MINE4710</b> Mine Management
	<b>ENGG1811</b> Computing for Engineers		<b>MATH2018</b> Engineering Mathematics 2D		<b>General Education Course</b>		<b>General Education Course</b>
Term 3	<b>DESN1000</b> Engineering Design and Innovation	Term 3	<b>DESN2000</b> Engineering Design and Professional Practice	Term 3	<b>MINE3510</b> Mine Ventilation	Term 3	<b>MERE4952</b> (4 UoC) Research Thesis B
	<b>ENGG1300</b> Engineering Mechanics		<b>MINE2820</b> Minerals Processing		<b>MINE3630</b> Rock Breakage		<b>Discipline Elective Course</b>
	<b>GEOS1111</b> Investigating Earth and Its Evolution				<b>MATH2089</b> Numerical Methods and Statistics		<b>Free Elective Course</b>
Term 1	<b>MATH1231</b> Mathematics 1B <b>OR</b> <b>MATH1241</b> Higher Mathematics 1B	Term 1	<b>CEIC2001</b> Fluid and Particle Mechanics	Term 1	<b>MINE3310</b> Mining Geomechanics	Term 1	<b>MERE4953</b> (4 UoC) Research Thesis C
	<b>Free Elective Course</b>		<b>MINE3220</b> Resource Estimation		<b>Discipline Elective Course</b>		<b>MINE4250</b> Hardrock Mine Design and Feasibility Project
			<b>MINE3430</b> Mining Systems				<b>MINE4310</b> Mine Geotechnical Engineering

#### NOTES

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999  
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