

# Bachelor of Engineering (Honours) (3707)

## Mining Engineering (MINEAH)

### T1 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 1	<b>DESN1000</b> Engineering Design and Innovation	Term 1	<b>ENGG2400</b> Mechanics of Solids 1	Term 1	<b>MINE3220</b> Resource Estimation	Term 1	<b>MERE4951</b> Research Thesis A
	<b>PHYS1121 OR PHYS1131</b> (Higher) Physics 1A		<b>CEIC2001</b> Fluid and Particle Mechanics		<b>MINE3310</b> Mining Geomechanics		<b>MINE4250</b> Hardrock Mine Design and Feasibility Project
	<b>MATH1131 OR 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	Term 2	<b>MERE2810</b> Mineral Resource Geology & Geophysics	Term 2	<b>MINE3230</b> Mine Planning	Term 2	<b>MERE4952</b> Research Thesis B
	<b>MATH1231 OR MATH1241</b> (Higher) Mathematics 1A		<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	Term 3	<b>DESN2000</b> Engineering Design and Professional Practice	Term 3	<b>MINE3510</b> Mine Ventilation	Term 3	<b>MERE4953</b> 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>

**NOTES**

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

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# Bachelor of Engineering (Honours) (3707)

## Mining Engineering (MINEAH)

### T2 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
Term 2	<b>PHYS1121 OR 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> 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> 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 OR MATH1241</b> (Higher) Mathematics 1A	Term 1	<b>CEIC2001</b> Fluid and Particle Mechanics	Term 1	<b>MINE3310</b> Mining Geomechanics	Term 1	<b>MERE4953</b> 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

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# Bachelor of Engineering (Honours) (3707)

## Mining Engineering (MINEAH)

### T3 Entry 2023 Sample Plan



Year 1		Year 2		Year 3		Year 4	
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>MERE4951</b> Research Thesis A
	<b>GEOS1111</b> Investigating Earth and Its Evolution		<b>MINE2820</b> Minerals Processing		<b>MINE3630</b> Rock Breakage		<b>Discipline Elective Course</b>
	<b>MATH1131 OR MATH1141</b> (Higher) Mathematics 1A		<b>MATH2089</b> Numerical Methods and Statistics		<b>General Education Course</b>		<b>General Education Course</b>
Term 1	<b>MATH1231 OR MATH1241</b> (Higher) Mathematics 1A	Term 1	<b>ENGG2400</b> Mechanics of Solids 1	Term 1	<b>MINE3220</b> Resource Estimation	Term 1	<b>MERE4952</b> Research Thesis B
	<b>ENGG1811</b> Computing for Engineers		<b>CEIC2001</b> Fluid and Particle Mechanics		<b>MINE3310</b> Mining Geomechanics		<b>MINE4250</b> Hardrock Mine Design and Feasibility Project
	<b>PHYS1121 OR PHYS1131</b> (Higher) Physics 1A		<b>MINE3430</b> Mining Systems		<b>Discipline Elective Course</b>		<b>MINE4310</b> Mine Geotechnical Engineering
Term 2	<b>ENGG1300</b> Engineering Mechanics	Term 2	<b>MERE2810</b> Mineral Resource Geology & Geophysics	Term 2	<b>MINE3230</b> Mine Planning	Term 2	<b>MERE4953</b> Research Thesis C
	<b>Free Elective Course</b>		<b>MATH2018 OR MATH2019</b> Engineering Mathematics 2D (2E)		<b>MINE3910</b> Socio-Environmental Aspects of Mining		<b>MINE4710</b> Mine Management
							<b>Free Elective Course</b>

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