

Mining & Geotechnical Engineering

Bachelor of Engineering (Honours)

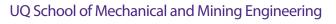


Recommended Study Plan

This study plan is a guide only for students commencing the Bachelor of Engineering (Hons) in Mining & Geotechnical Engineering in 2020. Please note that all course selections must adhere to the program course list outlined at <u>UQ Courses</u> and <u>Programs</u>. If you have any questions or concerns regarding your course selections, please speak with an <u>Academic</u> <u>Advisor</u> in the School of Mechanical and Mining Engineering.

February Commencement

SEM Y	ÆAR 1			
Sem 1 Feb	ENGG1100 Engineering Design	ERTH1501 Earth Processes & Geological Materials for Engineers	MATH1051 Calculus & Linear Algebra I	B0 or B1 Elective
Sem 2 July	ENGG1200 Engineering Modelling & Problem Solving	ENGG1400 Engineering Mechanics: Statics & Dynamics	MATH1052 Multivariate Calculus & ODEs	B0 or B1 Elective
SEM Y	′EAR 2			
Sem 3 Feb	MINE2105 Introduction to Mining and Mineral Processing	MECH2410 Fundamentals of Fluid Mechanics	MECH2300 Structures & Materials	MATH2000 Calculus & Linear Algebra II
Sem 4 July	CIVL2210 Fundamentals of Soil Mechanics	STAT2203 Probability Models and Data Anlysis for Engineering	MINE2106 Resource Geology & Surveying	ERTH2004 Structural Geology
SEM Y	′EAR 3			
Sem 5 Feb	MINE3120 Resource Estimation	MINE3121 Mining Geomechanics	MINE3122 Mining Systems	CIVL4270 Geotechnical Investigation & Testing
Sem 6 July	MINE3123 Mine Planning	MINE3124 Mine Ventilation	MINE3125 Explosive and Blasting Engineering	ERTH3250 Hydrogeology
SEM Y	′EAR 4			
Sem 7 Feb	MECH4500 Engineering Thesis	MINE4120 Mine Geotechnical Engineering	MINE4124 Hard Rock Mine Design & Fe asibility	MINE4128 Coal Mine Strata Control
Sem 8 July		ENGG4900 Professional Practice & the Business Environment	MINE4125 Coal Mine Design & Feasibility	CIVL4280 Advanced Rock Mechanics
	B0 Electives CHEM1090 Introductory Chemistry MATH1050 Mathematical Foundatio PHYS1171 Physical Basis of Biologie			
	B1 Electives CHEM1100 Chemistry 1 CSSE1001 Introduction to Softwar ENGG1300 Introduction to Electrica ENGG1500 Engineering Thermodyr ENGG1600 Introduction to Research PHYS1002 Electromagnetism & Model	l Systems namics n Practices		





studentenquiries@mechmining.uq.edu.au mechmining.uq.edu.au/study

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July Commencement

SEM Y	EAR 1			
Sem 1 July	ENGG1211 Engineering Design, Modelling & Problem Solving	MATH1051 Calculus & Linear Algebra I	ENGG1400 Engineering Mechanics: Statics & Dynamics	B0 or B1 Elective
Summer Sem				
Sem 2 Feb	MINE2105 Introduction to Mining and Mineral Processing	MECH2300 Structures & Materials	MATH1052 Multivariate Calculus & ODEs	ERTH1501 Earth Processes & Geological Materials for Engineers
SEM Y	EAR 2			
Sem 3 July	CIVL2210 Fundamentals of Soil Mechanics	MATH2000 Calculus & Linear Algebra II	STAT2203 Probability Models and Data Anlysis for Engineering	MINE2106 Resource Geology & Surveying
Sem 4 Feb	MINE3120 Resource Estimation	MINE3121 Mining Geomechanics	MINE3122 Mining Systems	MECH2410 Fundamentals of Fluid Mechanics
SEM Y	EAR 3			
Sem 5 July	MINE3123 Mine Planning	MINE3124 Mine Ventilation	MINE3125 Explosive and Blasting Engineering	ERTH2004 Resource Geology & Surveying
Sem 6 Feb	MINE4120 Mine Geotechnical Engineering	MINE4124 Hard Rock Mine Design & Fe asibility	CIVL4270 Geotechnical Investigation & Testing	B0 or B1 Elective
SEM Y	EAR 4			
Sem 7 July	MECH4501 Engineering Thesis	MINE4125 Coal Mine Design & Feasibility	CIVL4280 Advanced Rock Mechanics	ERTH3250 Hydrogeology
Sem 8 Feb		ENGG4900 Professional Practice & the Business Environment	MINE4128 Coal Mine Strata Control	
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	B1 Electives CHEM1100 Chemistry 1 CSSE1001 Introduction to Softwar ENGG1300 Introduction to Electrica ENGG1500 Engineering Thermodyn ENGG1600 Introduction to Researc PHYS1002 Electromagnetism & Modyn	al Systems namics h Practices		

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