Bachelor Engineering (Honours) - 3707 - Mining Engineering - MINEAH - T1 2026 Start

Program: Engineering (Honours) [3707]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
DESN1000 Introduction to Engineering Design and Innovation		6
MATH1131 or MATH1141		6
PHYS1121 or PHYS1131		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
ENGG1300 Engineering Mechanics		6
ENGG1811 Computing for Engineers		6
MATH1231 or MATH1241		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
GEOS1111 Investigating Earth and Its Evolution		6
Free Electives		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
CEIC2001 Fluid and Particle Mechanics		6
ENGG2400 Mechanics of Solids 1	ENGG1300	6
MATH2018 or MATH2019		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
DESN2000 Engineering Design and Professional Practice	DESN1000, CEIC2001	6
MERE2810 Mineral Resource Geology and Geophysics	GEOS1111	6
MINE2820 Minerals Processing	GEOS1111	6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
MATH2089 Numerical Methods and Statistics		6

Course or Activity	Prerequisites	Credits
Free Electives		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
MINE3220 Resource Estimation	DESN2000	6
MINE3310 Mining Geomechanics	ENGG2400	6
MINE3430 Mining Systems	DESN2000	6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
MINE3230 Mine Planning	MINE3220, MINE3430	6
MINE3910 Socio-Environmental Aspects of Mining	MINE3430	6
General Education		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
MINE3510 Mine Ventilation	CEIC2001	6
MINE3630 Rock Breakage	MINE3430	6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
MINE4250 Mine Design and Feasibility Project	MINE3230	6
MINE4310 Mine Geotechnical Engineering	MINE3310	6
MINE4951 Research Thesis A		4

Year 4 Term 2

Course or Activity	Prerequisites	Credits
MINE4710 Mine Management	MINE3430	6
MINE4952 Research Thesis B	MINE4951	4
Discipline (Depth) Electives List		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
ENGG4999 Industrial Training		0
MINE4953 Research Thesis C		4
General Education		6
Discipline (Depth) Electives List		6