

Bachelor Engineering (Honours) - 3707 - Geoenergy & Geostorage Eng - MEREAH - T1 2026 Start

Program: Engineering (Honours) [3707]

Year 1 Term 1

Course or Activity	Prerequisites	Credits
CHEM1811 Engineering Chemistry 1A		6
<i>MATH1131 or MATH1141</i>		6
<i>PHYS1121 or PHSY1131</i>		6

Year 1 Term 2

Course or Activity	Prerequisites	Credits
<i>MATH1231 or MATH1241</i>		6
<i>Free Electives</i>		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
DESN1000 Introduction to Engineering Design and Innovation		6
ENGG1811 Computing for Engineers		6
GEOS1111 Investigating Earth and Its Evolution		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
ENGG2500 Fluid Mechanics for Engineers		6
MATH2089 Numerical Methods and Statistics		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
ENGG2400 Mechanics of Solids 1		6
MERE2810 Mineral Resource Geology and Geophysics	GEOS1111	6
<i>Free Electives</i>		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
DESN2000 Engineering Design and Professional Practice	DESN1000	6
MATH2018 Engineering Mathematics 2D		6

MMAN2700 Thermodynamics		6
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Year 3 Term 1

Course or Activity	Prerequisites	Credits
MERE3001 Formation Evaluation	MERE2810	6
MINE3310 Mining Geomechanics	ENGG2400	6
<i>Discipline (Depth) Electives</i>		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
MERE3002 Drilling and Completion Engineering	MERE2810	6
MERE3003 Reservoir Engineering	MERE2810	6
MERE5004 Reservoir Characterisation and Data Science	MATH2089	6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
MERE5003 Transient Flow Analysis		6
MERE5005 Resources Project Economics		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
MERE4951 Research Thesis A	MERE5004	4
MERE5006 Decommissioning and Sustainability		6
MERE5007 Geostorage Modelling		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
MERE4952 Research Thesis B	MERE4951	4
MERE5008 Geostorage Project		6
<i>General Education</i>		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
ENGG4999 Industrial Training		0
MERE4953 Research Thesis C	MERE4952	4
<i>Geoenergy and Geostorage Engineering</i>		6
<i>General Education</i>		6