

Bachelor Engineering (Honours) - 3707 - Surveying - GMATDH - T3 2026 Start

Program: Engineering (Honours) [3707]

Year 1 Term 3

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

Year 2 Term 1

Course or Activity	Prerequisites	Credits
ENGG1811 Computing for Engineers		6
<i>Free Electives</i>		6
<i>MATH1231 or MATH1241</i>		6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
CVEN2002 Civil and Environmental Engineering Computations		6
GMAT1110 Surveying and Geospatial Engineering		6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
CVEN3101 Engineering Operations and Control		6
GMAT2550 Surveying Computations B		6
<i>General Education</i>		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
ENGG2500 Fluid Mechanics for Engineers		6
GMAT2500 Surveying Computations A	GMAT1110	6
<i>MATH2018 or MATH2019</i>		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
DESN2000 Engineering Design and Professional Practice	DESN1000	6

GMAT2700 Foundations of Geodesy and Geospatial Reference Frames	GMAT1110	6
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Year 3 Term 3

Course or Activity	Prerequisites	Credits
GMAT2120 Surveying and Geospatial Technology	GMAT2500, GMAT2700	6
GMAT3420 Cadastral Surveying and Land Law	GMAT2500	6
GMAT3500 Remote Sensing and Photogrammetry		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
GMAT3100 Surveying Applications and Design	GMAT2550, GMAT2120	6
GMAT3150 Surveying Field Projects	GMAT2550, GMAT2500	6
GMAT3220 Geospatial Information Systems	GMAT1110	6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
GMAT3700 Geodetic Positioning and Applications	GMAT2550, GMAT2700	6
<i>Discipline Elective</i>		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
GMAT4150 Field Projects 2	GMAT3150	6
<i>Free Electives</i>		6

Year 5 Term 1

Course or Activity	Prerequisites	Credits
CVEN3501 Water Resources Engineering		6
<i>Thesis</i>		6
<i>General Education</i>		6

Year 5 Term 2

Course or Activity	Prerequisites	Credits
ENGG4999 Industrial Training		0
<i>Surveying</i>		6
<i>Discipline Elective</i>		6
<i>Thesis</i>		6