

Bachelor Engineering (Honours) - 3707 - Civil Engineering - CVENAH - T2 2026 Start

Program: Engineering (Honours) [3707]

Year 1 Term 2

Course or Activity	Prerequisites	Credits
ENGG1811 Computing for Engineers		6
MATH1131 Mathematics 1A		6
<i>PHYS1121 or PHYS1131</i>		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
ENGG1300 Engineering Mechanics	MATH1131	6
MATH1231 Mathematics 1B	MATH1131	6
MATS1101 Engineering Materials and Chemistry		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
DESN1000 Introduction to Engineering Design and Innovation		6
ENGG2400 Mechanics of Solids 1	ENGG1300	6

Year 2 Term 2

Course or Activity	Prerequisites	Credits
CVEN2101 Engineering Construction		6
CVEN2303 Structural Analysis and Modelling	ENGG1300, ENGG2400	6
DESN2000 Engineering Design and Professional Practice	DESN1000	6

Year 2 Term 3

Course or Activity	Prerequisites	Credits
CVEN3202 Soil Mechanics		6
ENGG2500 Fluid Mechanics for Engineers	MATH1131	6
MATH2018 Engineering Mathematics 2D	MATH1231	6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
CVEN3203 Applied Geotechnics and Engineering Geology	CVEN3202	6

<i>General Education</i>		6
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Year 3 Term 2

Course or Activity	Prerequisites	Credits
CVEN2002 Civil and Environmental Engineering Computations	MATH1231	6
CVEN3304 Concrete Structures	ENGG1300, ENGG2400	6
CVEN3401 Transport and Highway Engineering		6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
CVEN3101 Engineering Operations and Control		6
<i>Free Electives</i>		6
<i>Discipline Electives</i>		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
CVEN3303 Steel Structures	ENGG1300, ENGG2400	6
<i>Thesis Courses</i>		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
CVEN3502 Water and Wastewater Engineering	ENGG2500	6
<i>Thesis Courses</i>		6
<i>General Education</i>		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
<i>Free Electives</i>		6
<i>Civil Engineering</i>		6
<i>Discipline Electives</i>		6

Year 5 Term 1

Course or Activity	Prerequisites	Credits
CVEN3501 Water Resources Engineering		6
ENGG4999 Industrial Training		0
<i>Civil Engineering</i>		6