Bachelor Engineering (Honours) - 3707 - Civil Engineering - CVENAH - T1 2026 Start

Program: Engineering (Honours) [3707]

Year 1 Term 1

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

Year 1 Term 2

Course or Activity	Prerequisites	Credits
CVEN2101 Engineering Construction		6
ENGG1300 Engineering Mechanics		6
MATH1231 or MATH1241		6

Year 1 Term 3

Course or Activity	Prerequisites	Credits
ENGG1811 Computing for Engineers		6
MATS1101 Engineering Materials and Chemistry		6

Year 2 Term 1

Course or Activity	Prerequisites	Credits
ENGG2400 Mechanics of Solids 1	ENGG1300	6
MATH2018 or MATH2019		6

Year 2 Term 2

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

General Education		6

Year 3 Term 1

Course or Activity	Prerequisites	Credits
CVEN3203 Applied Geotechnics and Engineering Geology	CVEN3202	6
CVEN3303 Steel Structures	ENGG1300, ENGG2400	6
CVEN3501 Water Resources Engineering		6

Year 3 Term 2

Course or Activity	Prerequisites	Credits
CVEN3304 Concrete Structures	ENGG1300, ENGG2400	6
CVEN3401 Transport and Highway Engineering		6
CVEN3502 Water and Wastewater Engineering	ENGG2500	6

Year 3 Term 3

Course or Activity	Prerequisites	Credits
CVEN3101 Engineering Operations and Control		6
Free Electives		6

Year 4 Term 1

Course or Activity	Prerequisites	Credits
Thesis Courses		6
Discipline Electives		6
Civil Engineering		6

Year 4 Term 2

Course or Activity	Prerequisites	Credits
Thesis Courses		6
Discipline Electives		6
General Education		6

Year 4 Term 3

Course or Activity	Prerequisites	Credits
ENGG4999 Industrial Training		0
Civil Engineering		6
Free Electives		6