Engineering
Bachelor of Engineering
Civil Engineering with Architecture (Honours) (3635)
T1 Entry 2025 Sample Plan

	Year 1		Year 2		Year 3		Year 4
Term 1	**PHYS1121** Physics 1A OR **PHYS1131** Higher Physics 1A	**Term 1**	**ENGG2400** Mechanics of Solids	**Term 1**	**CVEN3303** Steel Structures	**Term 1**	**CVEN4050** (6 UoC) Thesis A OR **CVEN4951** (4 UoC) Research Thesis A*
	MATH1131 Mathematics 1A OR **MATH1141** Higher Mathematics 1A		**BENV1010** Communication in the Built Environment		**CVEN3501** Water Resources Engineering		**ARCH1201** Architectural Design Studio 3
	ARCH1080 Intro to Architecture and Enabling Skills		**MATH2018** Engineering Mathematics 2D OR **MATH2019** Mathematics 2D (2E)		**Built Environment Elective**		**CVEN3203** Applied Geotechnics
Term 2	**MATH1231** Mathematics 1B OR **MATH1241** Higher Mathematics 1B	**Term 2**	**CVEN2101** Engineering Construction	**Term 2**	**CVEN3304** Concrete Structures	**Term 2**	**CVEN4051** (6 UoC) Thesis B OR **CVEN4952** (4 UoC) Research Thesis B*
	BENV1015 History of Design Thinking		**CVEN2002** Engineering Computations		**CVEN3502** Water and Wastewater Engineering		**Built Environment Elective**
	ENGG1300 Engineering Mechanics				**ARCH1102** Architectural Design Studio 2		
Term 3	**DESN1000** Engineering Design and Innovation	**Term 3**	**CVEN2303** Structural Analysis and Modelling	**Term 3**	**CVEN3202** Soil Mechanics	**Term 3**	**CVEN4953^** Research Thesis C^ (4 UoC)
	ARCH1101 Architectural Design Studio 1		**ENGG2500** Fluid Mechanics for Engineers		**CVEN3101** Engineering Operations and Control		**CVEN4701** Planning Sustainable Infrastructure
			Lvl 1 Engineering Elective				**Civil Eng Lvl 4 Discipline Elective OR Built Environment Elective**

NOTES	Compulsory Training Component: There is a program requirement of 60 days approved Industrial Training ENGG4999
	*School approval is required for alternative thesis options CVEN4951/4952/4953. ^Only required if students have enrolled into CVEN4951 and CVEN4952. Otherwise, leave as blank.
	This is intended as a guide only. Courses do not need to be studied in the exact structure that they appear here.