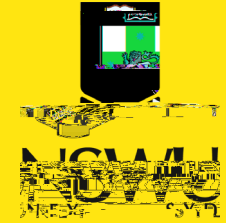


Engineering
 Bachelor of Engineering (Honours) (3707)

Civil Engineering (CVENAH)

T1 Entry 2025 Sample Plan



BD
 Computing for Engineers

Term 1	Mechanics of Solids	Term	
	<u>OR</u> Engineering Mathematics 2D Mathematics 2D (2E)		
Term 2	Engineering Design & Professional Practice		
	Engineering Computations		
	Structural Analysis and Modelling		
Term 3	Fluid Mechanics for Engineers		
	Soil Mechanics		

Compulsory Training Component: There is a program requirement of 60 days approved [Industrial Training](#) ENGG4999

*Students completing CVEN4951/2/3 Research Thesis will need to complete CVEN4701 as one of their Discipline Electives. This is a compulsory requirement for graduations



Term 2	Mathematics 1A	Term 2	Engineering Construction	Term 2	Engineering Computations	Term 2	Water and Wastewater Engineering
	Physics 1A <u>OR</u> Higher Physics 1A		Structural Analysis and Modelling		Concrete Structures		(6 UoC) Thesis A <u>OR</u> (4 UoC) Research Thesis A
	Computing for Engineers		Engineering Design & Professional Practice		Sustainable Transport & Highway Engineering		
Term 3	Engineering Mechanics	Term 3	Fluid Mechanics for Engineers	Term 3	Engineering Operations and Control	Term 3	(4 UoC) Research Thesis B <u>OR</u>
	Mathematics 1B		Mathematics 2D				
	Engineering Materials and Chemistry		Soil Mechanics				
Term 1	Engineering Design and Innovation	Term 1	Applied Geotechnics	Term 1	Steel Structures	Term 1	Water Resources
	Mechanics of Solids				(6 UoC) Thesis A <u>OR</u>		

