

## Bachelor of Engineering (Honours) (Civil Engineering)

Useful study planning/enrolment resources:

[Subject Search](#)

[Academic Calendars](#)

[Class Registration](#)

[Enrolment Resources](#)

The information in the study planner is current at the time of creation may be subject to future change.

If you would prefer a part-time study plan, please adjust the below study planner; reviewing subject prerequisites to ensure you are on track for course completion.

		TEACHING PERIOD 2	
		2023	Study Period 2
Study Period 2	EG1012:03 Electric Circuits		
Study Period 2	MA1000:03 Mathematical Foundations <i>PREREQ: MA1020 or MA0020 or Maths B or Maths C</i>		
Study Period 2	EG1011:03 Statics and Dynamics <i>PREREQ: PH1005 or (Physics and Maths C)</i>		

		TEACHING PERIOD 1	TEACHING PERIOD 2
		2024	Study Period 3
Study Period 1	EG1000:03 Engineering 1		Study Period 2 <b>Major</b> CS2005:03 Introduction to Geotechnical Engineering <i>PREREQ: EG1011</i>
Study Period 1	PH1005:03 Advanced Stream Physics <i>PREREQ: Maths B or MA0020 or MA1000 or MA1008</i>		Study Period 2 Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	EG1002:03 Computing and Sensors		Study Period 2 Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	<b>Major</b> CS2001:03 Engineering Strength of Materials <i>PREREQ: EG1011</i>		

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2025	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers <i>PREREQ: MA1003</i>	Study Period 2	<b>Major</b> CS3002:03 Soil Mechanics and Geology <i>PREREQ: CS2005</i>	
	Study Period 1	<b>Major</b> CS2002:03 Catchment, Stream and Lake Engineering	Study Period 2	<b>Major</b> CS3003:03 Design of Steel and Concrete Structures <i>PREREQ: CS2003 and CS3000</i>	
	Study Period 1	<b>Major</b> ME2512:03 Thermofluid Mechanics <i>PREREQ: EG1011</i>	Study Period 2	<b>Major</b> CS3004:03 Transportation Engineering <i>PREREQ: 48 credit points of Undergraduate subjects</i>	
	Study Period 1	<b>Major</b> CS3000:03 Structural Analysis <i>PREREQ: CS2003 and MA2000</i>	Study Period 2	<b>Major</b> CS3008:03 Fluid Mechanics <i>PREREQ: MA2000 and ME2512</i>	

		TEACHING PERIOD 1		TEACHING PERIOD 2	
2026	Study Period 1	EG3000:03 Introduction to Systems Engineering and Project Management <i>PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and (PH1005 or EG1001) or 36 credit points</i>	Study Period 2	EG4012:03 Thesis Part 2 of 2 <i>PREREQ: EG4011</i>	
	Study Period 1	<b>Major</b> CS3001:03 Concrete Engineering <i>PREREQ: CS2001</i>	Study Period 2	<b>Major</b> CS4005:03 Civil Engineering Design <i>PREREQ: CS3001, CS3003, CS4002 and CS4002</i>	
	Study Period 1	EG4011:03 Thesis Part 1 of 2 <i>PREREQ: 72 credit points</i>	Study Period 2	<b>Major</b> CS4008:03 Water and Wastewater Engineering <i>PREREQ: 48 credit points of subjects including CS2002 and EG1010</i>	
	Study Period 1	<b>Major</b> CS4001:03 Foundation Engineering and Rock Mechanics <i>PREREQ: CS3002</i>			

TEACHING PERIOD 1	
2027	<b>Study Period 1</b> <b>Major</b> CS4010:03 Finite Element Analysis and Structural Dynamics <i>PREREQ: EG1002, CS3000 and MA2000</i>
	<b>Study Period 1</b> <b>Major</b> CS4002:03 Hydraulic and Coastal Engineering <i>PREREQ: CS3008</i>
	<b>Study Period 1</b> Minor Subject/Elective Subject (depending on chosen structure)
	<b>Study Period 1</b> Minor Subject/Elective Subject (depending on chosen structure)

**COURSE HANDBOOK**

[Bachelor of Engineering \(Honours\) Handbook](#)

[Civil Engineering](#)