Bachelor of Engineering (Honours) [Embedded] – Bachelor of Science

BEng (Civil Engineering) – BSc Major not specified

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 1		TEACHING PERIOD 2	
2024	Study Period 1	EG1000:03 Engineering 1	Study Period 2	EG1010:03 Process Engineering
	Study Period 1	EG1002:03 Computing and Sensors	Study Period 2	EG1011:03 Statics and Dynamics *PREREQ: PH1005 or (Physics and Maths C)*
	Study Period 1	MA1000:03 Mathematical Foundations *PREREQ: MA1020 or MA0020 or Maths B or Maths C*	Study Period 2	EG1012:03 Electric Circuits
	Study Period 1	PH1005:03 Advanced Stream Physics *PREREQ: Maths B or MA1020 or MA0020 or MA1008*	Study Period 2	MA1003:03 Mathematical Techniques *PREREQ: MA1000 or MA1011 or MA1009*

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2025	Study Period 1	MA2000:03 Mathematics for Scientists and Engineers *PREREQ: MA1003*	Study Period 2	**BEng Major** CS2003:03 Introduction to Structural Design *PREREQ: CS2001*
	Study Period 1	**BEng Major** CS2001:03 Engineering Strength of Materials *PREREQ: EG1011*	Study Period 2	**BEng Major** CS2005:03 Introduction to Geotechnical Engineering PREREQ: EG1011
	Study Period 1	**BSc Major**	Study Period 2	**BSc Major**
	Study Period 1	**BSc Major**	Study Period 2	3 credit points of any undergraduate subject

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2026	Study Period 1	SC2202:03 Quantitative Methods in Science *PREREQ: SC1102 OR SC1109 OR ADMISSION TO BACHELOR OF BUSINESS AND ENVIRONMENTAL SCIENCE OR ADMISSION TO BACHELOR OF ENGINEERING (HONOURS)* **OR** SC2209:03 Quantitative Methods in Science – Advanced *PREREQ: MA1003 and ((SC1109 plus 6 credit points of other Level 1 subjects) or admission in 116409)*	Study Period 2	**BEng Major** CS3002:03 Soil Mechanics and Geology *PREREQ: CS2005*
	Study Period 1	**BEng Major** ME2512:03 Thermofluid Mechanics *PREREQ: EG1011*	Study Period 2	**BEng Major** CS3008:03 Fluid Mechanics *PREREQ: MA2000 and ME2512*
	Study Period 1	**BEng Major** CS2002:03 Catchment, Stream and Lake Engineering	Study Period 2	**BSc Major**
	Study Period 1	**BSc Major**	Study Period 2	Select 3 credit points of any Level 2 or 3 Science subjects

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2027	Study Period 1	CS2001:03 Introduction to Systems Engineering and Project Management *PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and (PH1005 or EG1001) or 36 credit points*	Study Period 2	**BEng Major** CS3004:03 Transportation Engineering *PREREQ: 48 credit points*
	Study Period 1	**BEng Major** *CS3000:03 Structural Analysis* *PREREQ: CS2003 and MA2000*	Study Period 2	**BEng Major** CS3003:03 Design of Steel and Concrete Structures *PREREQ: CS2003 and CS3000*
	Study Period 1	**BEng Major** CS3001:03 Concrete Engineering *PREREQ: CS2001*	Study Period 2	**BSc Major**
	Study Period 1	**BSc Major**	Study Period 2	**BSc Major**

	TEACHING PERIOD 1		TEACHING PERIOD 2	
2028	Study Period 1	EG4011:03 Thesis Part 1 of 2 *PREREQ: 72 credit points of subjects*	Study Period 2	EG4012:03 Thesis Part 2 of 2 *PREREQ: EG4011*
	Study Period 1	**BEng Major** CS4001:03 Foundation Engineering and Rock Mechanics *PREREQ: CS3002*	Study Period 2	**BEng Major** CS4005:03 Civil Engineering Design *PREREQ: CS3001 and CS3003 and CS4001 and CS4002*
	Study Period 1	**BEng Major** CS4002:03 Hydraulic and Coastal Engineering *PREREQ: CS3008*	Study Period 2	**BEng Major** CS4008:03 Water and Wastewater Engineering *PREREQ: 48 credit points of undergraduate subjects including CS2002 and EG1010*
	Study Period 1	**BEng Major** CS4010:03 Finite Element Analysis and Structural Dynamics *PREREQ: EG1002 and CS3000 and MA2000*	Study Period 2	Select 3 credit points of any Level 2 or 3 Science subjects

ADDITIONAL INFORMATION

Students are expected to complete the core Level 1 Engineering subjects of the course before commencing their chosen major.

COURSE HANDBOOK

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Civil Engineering Major