The information provided is designed to provide helpful information on your study plan. Changes to subject information after this time may affect your study plan. Please refer to the enrolment resources for up to date information.

Bachelor of Engineering (Honours) (Civil Engineering) – Bachelor of Information Technology – 2020 Mid Year Entry

		Teaching Period 2, 2020	
		Study Period 2	CP1402:03 Internet Fundamentals
		Study Period 2	EG1010:03 Process Engineering
		Study Period 2	EG1012:03 Electric Circuits
		Study Period 2	MA1000:03 Mathematical Foundations **PREREQ: MA1020, Mathematics B or Mathematics C**
Teaching Period 1, 2021		**Teaching Period 2, 2021**	
Study Period 1	EG1000:03 Engineering 1	Study Period 2	EG1011:03 Statics and Dynamics **PREREQ: PH1005 or Mathematics C**
Study Period 1	EG1002:03 Computing and Sensors	Study Period 2	MA1003:03 Mathematical Techniques **PREREQ: MA1000, MA1011 or MA1009**
Study Period 1	PH1005:03 Advanced Stream Physics 1 **PREREQ: Mathematics B, MA1020, MA1000 or MA1008**	Study Period 2	CP1403:03 Design Thinking
Study Period 1	CP2404:03 Database Modelling	Study Period 2	Select 3 credit points of subjects from List 1
Teaching Period 1, 2022		**Teaching Period 2, 2022**	
Study Period 1	CP1404:03 Programming II **PREREQ: CP1801, CP1401, EG1002 or CP2200**	Study Period 7	EG3000:03 Engineering Project Management **PREREQ: EG1000, EG1002, EG1010, EG1011, EG1012, MA1000, MA1003 and (PH1005 and EG1001) or 36cp of subjects**
Study Period 1	MA2000:03 Mathematics for Scientists and Engineers **PREREQ:MA1003**	Study Period 2	CP2406:03 Programming III **PREREQ: CP1404 or CP1804**
Study Period 1	**Major Subject** CS2001:03 Engineering Strength of Materials **PREREQ:EG1011**	Study Period 2	**Major Subject** CS2003:03 Introduction to Structural Design **PREREQ: CS2001**
Study Period 1	**Major Subject** ME2512:03 Thermofluid Mechanics **PREREQ: EG1011**	Study Period 2	**Major Subject** CS2005:03 Introduction to Geotechnical Engineering **PREREQ: EG1011**

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Teaching Period 1, 2023		Teaching Period 2, 2023	
Study Period 1	**Major Subject** CS2002:03 Catchment, Stream and Lake Engineering	Study Period 2	**Major Subject** CS3008:03 Fluid Mechanics **PREREQ: MA2000 and ME2512**
Study Period 1	**Major Subject** CS3000:03 Structural Analysis **PREREQ: CS2003 and MA2000**	Study Period 2	**Major Subject** CS3002:03 Soil Mechanics and Geology **PREREQ: CS2005**
Study Period 1	**Major Subject** CS3001:03 Concrete Engineering **PREREQ: CS2001**	Study Period 2	**Major Subject** CS3003:03 Design of Steel and Concrete Structures **PREREQ: CS2003 and CS3000**
Study Period 1	Select 3 credit points of subjects from List 2	Study Period 2	CP3407:03 Advanced Software Engineering **PREREQ: CP1404, CP1804 and 18cp of CP Subjects**
Teaching Period 1, 2024		**Teaching Period 2, 2024**	
Study Period 1	EG4011:03 EG4011 Thesis Part 1 of 2 **PREREQ: 96 credit points of subjects**	Study Period 2	EG4012:03 Thesis Part 2 of 2 **PREREQ: EG4011**
Study Period 1	**Major Subject** CS4001:03 Foundation Engineering and Rock Mechanics **PREREQ: CS3002**	Study Period 2	**Major Subject** CS3004:03 Transportation Engineering
Study Period 1	Select 3 credit points of subjects from List 2	Study Period 2	**Major Subject** CS4005:03 Civil Engineering Design **PREREQ: CS3001 and CS3003 and CS4001 and CS4002**
Study Period 1	Select 3 credit points of subjects from List 3	Study Period 2	**Major Subject** CS4008:03 Water and Wastewater Engineering **PREREQ: CS2002 and EG1010**
Teaching Period 1, 2025			
Study Period 1	**Major Subject** CS4010:03 Finite Element Analysis and Structural Dynamics **PREREQ: EG1002 and CS3000 and MA2000**		
Study Period 1	**Major Subject** CS4002:03 Hydraulic and Coastal Engineering **PREREQ: CS3008**		
Study Period 1	Select 3 credit points of subjects from List 2		
Study Period 1	Select 3 credit points of subjects from List 3		

PROFESSIONAL ACCREDITATION STATUS

This course is accredited by Engineers Australia. Graduates are immediately eligible for graduate membership of Engineers Australia and, following a period of professional practice, may become Chartered Professional Engineers (CPEng).

SPECIAL ADMISSION REQUIREMENTS

Approved exposure to Professional Engineering Practice, including required activities and industry placement, equivalent to a minimum 60 days full-time industry placement.

Must hold current Senior First Aid certificate at the time of graduation.

SPECIAL MAJOR REQUIREMENTS

Some subjects in each of the majors may require students to participate in field trips, site visits or other off-campus activities. A fee may be charged by the College for costs associated with these trips.

COURSE PROGRESSION REQUISITES

Where there is overlap between the core subjects for the course and the chosen major, students must contact the College to add substitute subjects to their study plans.

It is strongly recommended that in this situation students take extra engineering subjects as listed under the corresponding major in the Bachelor of Engineering (Honours) single degree.

SPECIAL ASSESSMENT REQUIREMENTS

The engineering thesis topic must be specific to the student's chosen engineering major.

ADDITIONAL INFORMATION

Bachelor of Engineering – Bachelor of Information Technology course handbook
Chemical Engineering major handbook