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) (Electrical and Electronic 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 or MA1000**	Study Period 2	**Major Subject** CC2511:03 Embedded Systems Design **PREREQ: EG1002 or CP1404**
Study Period 1	**Major Subject** EE2201:03 Circuit Theory **PREREQ: EG1012**	Study Period 2	CP1403:03 Design Thinking
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** CC2510:03 Digital logic and Computing Methods **PREREQ: EG1002**	Study Period 2	**Major Subject** EE2300:03 Electronics 1 **PREREQ: EG1012**
Study Period 1	Select 3 credit points of subjects from List 1	Study Period 2	**Major Subject** CC3501:03 Computer Interfacing and Control **PREREQ: CC2511**

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.

Teaching Period 1, 2023		Teaching Period 2, 2023	
Study Period 1	CP2404:03 Database Modelling	Study Period 2	**Major Subject** EE3600:03 Automatic Control 2 **PREREQ: EG1012 and MA2000**
Study Period 1	**Major Subject** EE2201:03 Circuit Theory **PREREQ: EG1012**	Study Period 2	**Major Subject** EE3700:03 Communications Systems Principles **PREREQ: EE2201**
Study Period 1	**Major Subject** PH2019:03 Introduction to Electromagnetism Optics and Early Quantum **PREREQ: EG1012 or PH1005 and MA1003**	Study Period 2	**Major Subject** EG4013:03 Asset Management, Maintenance and Reliability **PREREQ: EG1000 and EG1002 and EG1010 and EG1011 and EG1012 and MA1000 and MA1003 and PH1005 or EG1001 or 36cp.**
Study Period 1	Select 3 credit points of subjects from List 2	Study Period 2	Select 3 credit points of subjects from List 2
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** EE3001:03 Signal Processing 2 **PREREQ: EG2201**	Study Period 2	**Major Subject** EE4400:03 Power Engineering 3 **PREREQ: EE3400**
Study Period 1	**Major Subject** EE3300:03 Electronics 2 **PREREQ: EE2300**	Study Period 2	**Major Subject** EE4500:03 Electrical and Electronic Engineering Design **PREREQ: EE3600 and EE3300 and EE3001**
Study Period 1	**Major Subject** EE3400:03 Power Engineering 2 **PREREQ: EE2201**	Study Period 2	**Major Subject** EE4600:03 Automatic Control 3 **PREREQ: EE3600**
Teaching Period 1, 2025			
Study Period 1	**Major Subject** EE4000:03 Signal Processing 3 **PREREQ: 48cp from BEngineering**		
Study Period 1	Select 3 credit points of subjects from List 2		
Study Period 1	Select 3 credit points of subjects from List 3		
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