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 (Electrical and Electronic Engineering) – 2020 Mid Year Entry
Townsville only

		Teaching Period 2, 2020	
		Study Period 2	EG1010:03 Process Engineering **Assumed Knowledge: Senior Mathematics B, Mathematics C or MA1020**
		Study Period 2	EG1012:03 Electric Circuits **Assumed Knowledge: Senior Mathematics B or Mathematics C or MA1020**
		Study Period 2	MA1000:03 Mathematics Foundations **PREREQ: MA1020 or Mathematics B or Mathematics C**
Teaching Period 1, 2021		**Teaching Period 2, 2021**	
Study Period 3	MA1003:03 Mathematical Techniques **PREREQ: MA1000 or MA1011 or MA1009**	Study Period 2	EG1011:03 Statics and Dynamics **PREREQ: PH1005 or (Mathematics C and Physics)**
Study Period 1	PH1005:03 Advanced Stream Physics 1 **PREREQ: Mathematics B or MA1020 or MA1000 or MA1008**	Study Period 2	**Major Subject** CC2511:03 Embedded Systems Design **PREREQ: EG1002 or CP1300 or CP1404**
Study Period 1	EG1000:03 Engineering 1	Study Period 2	**Major Subject** EE2300:03 Electronics 1 **PREREQ: EG1012**
Study Period 1	EG1002:03 Computing and Sensors	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	MA2000:03 Mathematics for Scientists and Engineers **PREREQ: MA1003**		
Teaching Period 1, 2022		**Teaching Period 2, 2022**	
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	**Major Subject** CC3501:03 Computer Interfacing and Control **PREREQ: CC2511**
Study Period 1	**Major Subject** CC2510:03 Digital logic and Computing Methods **PREREQ: EG1002 or CP1300**	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.**

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Teaching Period 1, 2023	
Study Period 1	**Major Subject** EE3001:03 Signal Processing 2 **PREREQ: EG2201**
Study Period 1	**Major Subject** EE3300:03 Electronics 2 **PREREQ: EE2300**
Study Period 1	**Major Subject** EE3400:03 Power Engineering 2 **PREREQ: EE2201**
Study Period 1	EG4011:03 Thesis Part 1 of 2 **PREREQ: 72 credit points**

Teaching Period 2, 2023	
Study Period 7	EG3000:03 Engineering 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	**Major Subject** EE4400:03 Power Engineering 3 **PREREQ: EE3400**
Study Period 2	**Major Subject** EE4500:03 Electrical and Electronic Engineering Design **PREREQ: EE3600 and EE3300 and EE3001**
Study Period 2	**Major Subject** EE4600:03 Automatic Control 3 **PREREQ: EE3600**
Study Period 2	EG4012:03 Thesis Part 2 of 2 **PREREQ: EG4011**

Teaching Period 1, 2024	
Study Period 1	**Major Subject** EE4000:03 Signal Processing 3 **PREREQ: 48cp from BEngineering**
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)

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).

ADDITIONAL COMPLETION 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 REQUIREMENTS (MAJORS AND MINORS)

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

SPECIAL ASSESSMENT REQUIREMENTS

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

ADDITIONAL INFORMATION

Bachelor of Engineering course handbook
Electric and Electronic Engineering major handbook