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 (Electronic Systems and Internet of Things Engineering) – 2020 Beginning of Year Entry

Teaching Period 1, 2020		Teaching Period 2, 2020	
Study Period 1	MA1000:03 Mathematics Foundations **PREREQ: MA1020, Mathematics B or Mathematics C**	Study Period 2	EG1010:03 Process Engineering **Assumed Knowledge: Senior Mathematics B, Mathematics C or MA1020**
Study Period 1	EG1000:03 Engineering 1	Study Period 2	EG1012:03 Electric Circuits **Assumed Knowledge: Senior Mathematics B, Mathematics C or MA1020**
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	EG1011:03 Statics and Dynamics **PREREQ: PH1005 or Mathematics C and Physics**
Teaching Period 1, 2021		**Teaching Period 2, 2021**	
Study Period 1	MA2000:03 Mathematics for Scientists and Engineers **PREREQ: MA1003**	Study Period 2	**Major Subject** EE2300:03 Electronics 1 **PREREQ: EG1012**
Study Period 1	**Major Subject** CP1404:03 Programming II **PREREQ: EG1002, CP1801, or CP1401**	Study Period 2	**Major Subject** CC2011:03 Digital Signal Processing **PREREQ: MA2000**
Study Period 1	**Major Subject** EE2201:03 Circuit Theory **PREREQ: EG1012**	Study Period 2	**Major Subject** CC2511:03 Embedded Systems Design **PREREQ: EG1002 or CP1404**
Study Period 1	**Major Subject** CP2404:03 Database Modelling	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)
Teaching Period 1, 2022		**Teaching Period 2, 2022**	
Study Period 1	EG3000:03 Engineering Project Management **PREREQ: EG1000, EG1002, EG1010 EG1011, EG1012, MA1000, MA1003 and either PH1005 of EG1001 or 36 credit points**	Study Period 2	**Major Subject** CC3501:03 Computer Interfacing and Control **PREREQ: CC2511**
Study Period 1	**Major Subject** CC3650:03 Digital Control and Automation **PREREQ: MA2000 and EE2201**	Study Period 2	**Major Subject** CP3404:03 Computer Interfacing and Control **PREREQ: 18cp of subjects with 6cp of CP subjects**
Study Period 1	**Major Subject** CP3406:03 Mobile Computing **PREREQ: 18cp of CP subjects and (CP1404 or CP1804)**	Study Period 2	**Major Subject** MA3405:03 Statistical Data Mining for Big Data **PREREQ: MA2405 or MA2000**
Study Period 1	**Major Subject** EE3901:03 Sensor Technologies **PREREQ: EE2201 and CC2511**	Study Period 2	**Major Subject** CC3910:03 Digital Communication Technologies **PREREQ: CC2201**

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	EG4011:03 Thesis Part 1 of 2 **PREREQ: 72 credit points**	Study Period 2	EG4012:03 Thesis Part 2 of 2 **PREREQ: EG4011**
Study Period 1	**Major Subject** CC4510:03 Digital System Design **PREREQ: CC3501**	Study Period 2	**Major Subject** CC4950:03 Design Project **PREREQ: CC3501, CC3910 and EE3901**
Study Period 1	Minor Subject/Elective Subject (depending on chosen structure)	Study Period 2	Minor Subject/Elective Subject (depending on chosen structure)
Study Period 4	**Major Subject** LB5222:03 Technopreneurship: The E Entrepreneur	Study Period 2	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
Electronic Systems and Internet of Things Engineering major handbook