

## Bachelor of Engineering (Electrical and Electronic Engineering) – 2020 Beginning of Year Entry

Teaching Period 1, 2020		Teaching Period 2, 2020	
<a href="#">Study Period 1</a>	<a href="#">MA1000</a> :03 Mathematics Foundations PREREQ: MA1020, Mathematics B or Mathematics C	<a href="#">Study Period 2</a>	<a href="#">EG1010</a> :03 Process Engineering Assumed Knowledge: Senior Mathematics B, Mathematics C or MA1020
<a href="#">Study Period 1</a>	<a href="#">EG1000</a> :03 Engineering 1	<a href="#">Study Period 2</a>	<a href="#">EG1012</a> :03 Electric Circuits Assumed Knowledge: Senior Mathematics B, Mathematics C or MA1020
<a href="#">Study Period 1</a>	<a href="#">EG1002</a> :03 Computing and Sensors	<a href="#">Study Period 2</a>	<a href="#">MA1003</a> :03 Mathematical Techniques PREREQ: MA1000, MA1011 or MA1009
<a href="#">Study Period 1</a>	<a href="#">PH1005</a> :03 Advanced Stream Physics 1 PREREQ: Mathematics B, MA1020, MA1000 or MA1008	<a href="#">Study Period 2</a>	<a href="#">EG1011</a> :03 Statics and Dynamics PREREQ: PH1005 or Mathematics C and Physics
Teaching Period 1, 2021		Teaching Period 2, 2021	
<a href="#">Study Period 1</a>	<a href="#">MA2000</a> :03 Mathematics for Scientists and Engineers PREREQ: MA1003	<a href="#">Study Period 2</a>	<b>Major Subject</b> <a href="#">CC2511</a> :03 Embedded Systems Design PREREQ: EG1002 or CP1300 or CP1404
<a href="#">Study Period 1</a>	<b>Major Subject</b> <a href="#">CC2510</a> :03 Digital logic and Computing Methods PREREQ: EG1002 or CP1300	<a href="#">Study Period 2</a>	<b>Major Subject</b> <a href="#">EE2300</a> :03 Electronics 1 PREREQ: EG1012
<a href="#">Study Period 1</a>	<b>Major Subject</b> <a href="#">EE2201</a> :03 Circuit Theory PREREQ: EG1012	<a href="#">Study Period 2</a>	<b>Major Subject</b> <a href="#">EE3400</a> :03 Power Engineering 2 PREREQ: EE2201
<a href="#">Study Period 1</a>	<b>Major Subject</b> <a href="#">PH2019</a> :03 Introduction to Electromagnetism Optics and Early Quantum PREREQ: (EG1012 or PH1005) and MA1003	<a href="#">Study Period 2</a>	Minor Subject/Elective Subject (depending on chosen structure)
Teaching Period 1, 2022		Teaching Period 2, 2022	
<a href="#">Study Period 1</a>	<a href="#">EG3000</a> :03 Engineering Project Management PREREQ: EG1000, EG1002, EG1010 EG1011, EG1012, MA1000, MA1003 and either PH1005 of EG1001 or 36 credit points	<a href="#">Study Period 2</a>	<b>Major Subject</b> <a href="#">CC3501</a> :03 Computer Interfacing and Control PREREQ: CC2511
<a href="#">Study Period 1</a>	<b>Major Subject</b> <a href="#">EE3001</a> :03 Signal Processing 2 PREREQ: EG2201	<a href="#">Study Period 2</a>	<b>Major Subject</b> <a href="#">EE3600</a> :03 Automatic Control 2 PREREQ: EE1012 and MA2000
<a href="#">Study Period 1</a>	<b>Major Subject</b> <a href="#">EE3300</a> :03 Electronics 2 PREREQ: EE2300	<a href="#">Study Period 2</a>	<b>Major Subject</b> <a href="#">EE4400</a> :03 Power Engineering 3 PREREQ: EE3400
<a href="#">Study Period 1</a>	<b>Major Subject</b> <a href="#">EE3700</a> :03 Communications Systems Principles PREREQ: EE2201	<a href="#">Study Period 2</a>	Minor Subject/Elective Subject (depending on chosen structure)

Teaching Period 1, 2023		Teaching Period 2, 2023	
<a href="#">Study Period 1</a>	<b>EG4011:03</b> Thesis Part 1 of 2 PREREQ: 72 credit points	<a href="#">Study Period 2</a>	<b>EG4012:03</b> Thesis Part 2 of 2 PREREQ: EG4011
<a href="#">Study Period 1</a>	<b>Major Subject</b> <b>EE4000:03</b> Signal Processing 3 PREREQ: 48cp from subjects in Bachelor of Engineering	<a href="#">Study Period 2</a>	<b>Major Subject</b> <b>EE4500:03</b> Electrical and Electronic Engineering Design PREREQ: EE3600, EE3300 and EE3001
<a href="#">Study Period 1</a>	Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	<b>Major Subject</b> <b>EE4600:03</b> Automatic Control 3 PREREQ: EE3600
<a href="#">Study Period 1</a>	Minor Subject/Elective Subject (depending on chosen structure)	<a href="#">Study Period 2</a>	<b>Major Subject</b> <b>EG4013:03</b> Asset Management, Maintenance and Reliability PREREQ: EG1000, EG1002, EG1010, EG1011, EG1012, MA1000, MA1003 and (PH1005 or EG1001) or 36cp.

#### 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](#)