Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Computer Science   BB-ENGCS1
Electrical and Electronic major   *Semester 2 Intake*

Recommended Sequence

Units are listed on your Course Planner in a recommended sequence. However this can be amended depending on unit availability, prerequisite requirements and the semester in which you commenced your course. Changes to this planner may extend the duration of your course.

Year One

Semester 2	
COS10009 Introduction to Programming	+12.5
COS10026 Computing Technology Inquiry Project	+12.5
ENG10001 Humanitarian Engineering Design Project	+12.5
ENG10003 Engineering Mechanics	+12.5

Year Two

Semester 1		Semester 2	
COS10004 Computer Systems	+12.5	COS20007 Object Oriented Programming	+12.5
COS10025 Technology in an Indigenous Context Project	+12.5	MTH10013 Linear Algebra and Applications	+12.5
ENG10002 Engineering Materials	+12.5	EEE20005 Electrical Machines	+12.5
PHY10001 Energy and Motion	+12.5	EEE20013 Power Protection	+12.5

Optional

Professional Placement	
You can choose to add an additional 6 month or 1 year placement to your course. The maximum credit points to complete your course will be increased to accommodate the Professional Placement	+37.5- +100

Year Three

Semester 1		Semester 2	
MTH10012 Calculus and Applications	+12.5	EEE30006 Hydrogen and Energy Storage	+12.5
TNE10006 Networks and Switching	+12.5	ENG20010 Engineering Technology Design Project	+12.5
EEEE20006 Electrical Machines	+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5
MTH20014 Mathematics 3B	+12.5	Computer Science Major Unit	+12.5
		EAT20008 Professional Experience in Engineering	+0

Year Four

Semester 1		Semester 2	
EEE30002 Electrical Power Systems	+12.5	EEE40005 Power Electronics	+12.5
ENG20009 Engineering Technology Inquiry Project	+12.5	EEE40007 Power System Operation and Control	+12.5
ENG30002 Engineering Technology Sustainability Project	+12.5	ENG40011 Engineering Technology Innovation Project	+12.5
RME30002 Control and Automation	+12.5	TNE30024 Deploying Secure Engineering Apllications Online	+12.5

Year Five

Semester 1		Semester 2	
EAT40005 Engineering Technology Project A	+12.5	EAT40006 Engineering Technology Project B	+12.5
COS40007 Artificial Intelligence for Engineering	+12.5	Computer Science Major Unit	+12.5
EEE40015 Renewable Energy	+12.5	Computer Science Major Unit	+12.5
EEE40016 Design of Smart Power Grids	+12.5	Computer Science Major Unit	+12.5

Year Six

Semester 1	
Computer Science Major Unit	+12.5
Computer Science Major Unit	+12.5
Computer Science Major Unit	+12.5
Computer Science Major Unit	+12.5

How to use your course planner

The units in your planner are colour coded to assist you with mapping out your studies. Refer to the boxes below for an overview of your course requirements.

Course Information

Course 500 Credit Points

Core units
175 Credit points

A set of compulsory units you **MUST** complete as part of your Course.

First Major units
225 Credit points

A set of compulsory units you **MUST** complete as part of your Course.

Computer Science Major
100 Credit points

A set of compulsory units you **MUST** complete as part of your Course.

Work Integrated Learning

A Professional Placement is a Work Integrated Learning (WIL) option. You can apply for a Professional Placement during your second year. More information on Professional Placement and other WIL options at **Work Integrated Learning**

FAQs
How can I find more information about my course
Visit **Bachelor of Engineering (Honours)/Bachelor of Computer Science**

Where can I find out more about individual unit information?
Visit the **Single Unit Search** page to search for additional unit content.

What's a full-time study load?
100 credit points (8 units per year)

What's a part-time study load?
50 credit points (4 units per year)

How can I plan my timetable?
Check the **University Timetable Planner** before enrolling into units.