

Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of **Computer Science**

BB-ENGCS1

Robotics and Mechatronics major

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 1		Semester 2	
COS10009 Introduction to Programming	+12.5	COS10004 Computer Systems	+12.5
COS10026 Computing Technology Inquiry Project	+12.5	COS10025 Technology in an Indigenous Context Project	+12.5
ENG10001 Humanitarian Engineering Design Project	+12.5	ENG10002 Engineering Materials	+12.5
ENG10003 Engineering Mechanics	+12.5	PHY10001 Energy and Motion	+12.5

Year Two

Semester 1		Semester 2	
MTH10012 Calculus and Applications	+12.5	COS20007 Object Oriented Programming	+12.5
TNE10006 Networks and Switching	+12.5	MTH10013 Linear Algebra and Applications	+12.5
EEE20006 Circuits & Electronics 1	+12.5	COS30020 Adv Web Development	+12.5
ENG20009 Engineering Technology Inquiry Project	+12.5	MEE20004 Structural Mehanics	+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	
+12.5	ENG20010 Engineering Technology Design Proejct	+12.5	
+12.5	ENG40011 Engineering Technology Innovation Project	+12.5	
+12.5	MEE20006 Engineering Dynamics	+12.5	
+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5	
	+12.5	+12.5 ENG20010 Engineering Technology Design Proejct ENG40011 Engineering Technology Innovation Project +12.5 MEE20006 Engineering Dynamics TNE20003 Internet and Cybersecurity	

Year Four

Semester 1

RME30002 Control and Automation	+12.5	EEE40017 Machine Vision	+12.5
MEE30005 Machine Design Project	+12.5	RME30003 Robotic Control	+12.5
Computer Science Major Unit	+12.5	RME40002 Mechatronics Systems Design	+12.5
Computer Science Major Unit	+12.5	RME40003 Robot Systems Design	+12.5
Year Five			

Semester 2

EAT40006

Semester 2

Semester 1

EAT40005

Engineering Technology Project A	+12.5	Engineering Technology Project B	+12.5
Computer Science Major Unit	+12.5	TNE30024 Deploying Secure Engineering Applications Online	+12.5
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

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

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**

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.

•		
•		
•		
•	•	
•	•	
•	•	•
•	•	•
•	•	-
•	•	•
•	•	•
•	•	•
•		•