Course enrolment planner

Bachelor of Engineering (Honours)/Bachelor of Computer Science
BB-ENGCS1　　　Biomedical 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 and Electronics 1	+12.5	BIO10004 Anatomy and Physiology	+12.5
ENG20009 Engineering Technology Inquiry Project	+12.5	BME20001 Biomaterials and Biomechanics	+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	
ENG30002 Enginering Technology Sustainability Project	+12.5	COS30020 Adv Web Development	+12.5
MBP20009 Medical Imaging Systems	+12.5	EEE40017 Machine Vision	+12.5
MBP20011 Clinical Practicum 1-Neuro	+12.5	ENG20010 Engineering Technology Design projects	+12.5
MTH20017 Mathematical Methods and Statistics for Engineering	+12.5	TNE20003 Internet and Cybersecurity for Engineering Applications	+12.5

Year Four

Semester 1		Semester 2	
BME40004 Medical and Regulatory Practice	+12.5	BME40005 Advanced Medical Imaging Systems	+12.5
COS40007 Artificial Intelligence for Engineering	+12.5	ENG40011 Engineering Technology Innovation Project	+12.5
Computer Science Major Unit	+12.5	MBP30008 Clinical Practicum 2-Cardio	+12.5
Computer Science Major Unit	+12.5	TNE30024 Deploying Secure Engineering Applications Online	+12.5

Year Five

Semester 1		Semester 2	
EAT40005 Engineering Technology Project A	+12.5	EAT40006 Engineering Technology Project B	+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
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.