

# Bachelor of Engineering (Honours) Biomedical Major BH-ENG1

### 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

Your First Semester		Your Second Semester	
<b>COS10009</b> Introduction to Programming	+12.5	<b>COS10025</b> Technology in an Indigenous Context Project	+12.5
<b>ENG10001</b> Humanitarian Engineering Design Project	+12.5	<b>ENG10002</b> Engineering Materials	+12.5
<b>MTH10012</b> Calculus and Applications	+12.5	<b>ENG10003</b> Engineering Mechanics	+12.5
<b>PHY10001</b> Energy and Motion	+12.5	<b>MTH10013</b> Linear Algebra and Applications	+12.5

### Year Two

Your First Semester		Your Second Semester	
<b>EEE20006</b> Circuits and Electronics 1	+12.5	<b>BIO10004</b> Anatomy and Physiology	+12.5
<b>ENG20009</b> Engineering Technology Inquiry Project	+12.5	<b>BME20001</b> Biomaterials and Biomechanics	+12.5
<b>MBP20009</b> Medical Imaging Systems	+12.5	<b>ENG20010</b> Engineering Technology Design Project	+12.5
<b>MTH20017</b> Mathematical Methods and Statistics for Engineering	+12.5	<b>TNE20003</b> Internet and Cybersecurity for Engineering Applications	+12.5

### Optional

Professional Placement		+37.5- +100
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		

### Year Three

Your First Semester		Your Second Semester	
<b>COS20007</b> Object Oriented Programming	+12.5	<b>EEE40017</b> Machine Vision	+12.5
<b>COS40007</b> Artificial Intelligence for Engineering	+12.5	<b>ENG40011</b> Engineering Technology Innovation Project	+12.5
<b>ENG30002</b> Engineering Technology Sustainability Project	+12.5	<b>MBP20011</b> Clinical Practicum 1-Neuro	+12.5
<b>TNE30024</b> Deploying Secure Engineering Applications Online	+12.5	Elective	+12.5
<b>EAT20008</b> Professional Experience in Engineering	+0		

### Year Four

Your First Semester		Your Second Semester	
<b>ENG40007</b> Engineering Technology Project A	+12.5	<b>ENG40008</b> Engineering Technology Project B	+12.5
<b>BME40004</b> Medical and Regulatory Practice	+12.5	<b>BME40005</b> Advanced Medical Imaging Systems	+12.5
<b>MBP30008</b> Clinical Practicum 2 - Cardio	+12.5	Elective	+12.5
Elective	+12.5	Elective	+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 400 Credit Points

**Core units**  
125 Credit points

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

**First - Biomedical Major**  
225 Credit points

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

**Elective units**  
50 Credit points

A combination of elective units, or a Minor.

### 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 including other Majors and/or Elective units?

Visit [Bachelor of Engineering \(Honours\)](#)

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.

.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.
.	.	.	.