COURSE ENROLMENT PLANNER

Bachelor of Engineering (Honours) / Bachelor of Innovation and Design
Biomedical Major - BB-ENGI

Recommended Sequence
Units are listed on your Course Planner in a recommended sequence. However, this can be amended depending on unit availability, unit progress, timetabling and the semester in which you commenced your course.

Year One
Your First Semester                                     Your Second Semester
ENGG1001 Engineering Design and Innovation              ENGG1004 Digital and Data Systems
ENGG1002 Engineering Materials                          ENGG1005 Electronics and Electromagnetism
PHYS1002 Energy and Action                              BIOM1001 Mechanics of Structures
SOFT1012 Introduction to Programming                    INNO1003 Innovation and Design

200 Credit points
Core units

WIL options at Work Integrated Learning

+ = Credit points
Units are subject to change and may not be timetabled every semester.

Year Two
Semester One                                           Semester Two
ENGG2010 Engineering Maths II                          EEE2003 Digital Electronics I
BIOI1004 Anatomy and Physiology                         EEE3003 Digital Electronics II
EE21003 Clinical Systems                               EEE3005 Digital Electronics III
CS15009 Introduction to Programming                    EN42001 Medical Imaging Systems

Year Three
Semester One                                           Semester Two
EN41001 Innovation and Entrepreneurship                 BIOM4002 Digital and Data Systems
EN41002 Introductory Design Studio                      BIOM4003 Innovation and Design
EE42003 Digital Signal Processing                       BIOM4004 Medical Imaging Systems
EN47006 Professional Experience in Engineering

Optional Component
Professional Placement
An additional 6 months or 1 year to your course.
Your course rules will be modified to accommodate the Professional Placement.

Year Four
Semester One                                           Semester Two
MBR40001 Clinical Practicum 1 - Heart                  MBR40005 Medical and Regulatory Practice
BME40004 Medical and Regulartory Practice              MB44005 Digital Medical Imaging Systems
DI00006 Design Thinking                                DI01005 Innovation Management
DI02006 Innovation Design Studio 2

Year Five
Semester One                                           Semester Two
EN49001 Clin 0 Research Project 1                      EN49002 Clinical Practicum 2 - Heart
BME40004 Medical and Regulatory Practice              BME40005 Advanced Medical Imaging Systems
NP90001 New Venture Development                        NP90003 Systems and Control
DI03006 In. Design-Studio Capstone Research

How to use your Course Planner
Refer to the below table to help explain what units are required each semester throughout your course. The units in your planner are colour coded to assist you with mapping out your studies.

Course Information
Course 100 Credit Points
Core units 200 Credit points
A set of compulsory units you must complete as part of your Course.
First Major units 200 Credit points
A structured set of 16 units or 200 credit points in a field of study specific to your course.
First Innovation and Design Major units 100 credit points
A structured set of 8 units or 100 credit points in a field of study specific to your course.

Professional Placement 50 - 100 Credit Points
A Professional Placement is a Work Integrated Learning (WIL) option. You can apply for Professional Placement during your second year. More information on Professional Placement and other WIL options at Work Integrated Learning.

FAQ’s
What is a component unit?
A unit that forms part of a second major/co-major/minor or elective, that you select.

How can I find which component units I can enrol in?
Visit Bachelor of Engineering (Honours) / Bachelor of Innovation and Design Course Information, for major/co-major/minor and elective options.
Where can I find out more about individual unit content? 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)

What’s Fast Track?
To complete your course in 3.5 years, you will need to complete 2 units over a Summer/Winter/Online teaching period during your placement year.

How can I plan my timetable to make sure my lectures don’t clash?
Check the University Timetable Planner before enrolling into units.

Where can I find what online units are available?
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