COURSE ENROLMENT PLANNER

Bachelor of Engineering (Honours) / Bachelor of Computer Science
Electrical and Electronic Major - BB-ENGC

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

Year One
Your First Semester
- ENGG9001 Engineering Design and Innovation
- ENGG9002 Engineering Materials
- PHYS1003 Energy and Motion
- BINF1002 Biomedical Applications

Your Second Semester
- PHYS2001 Thermal and Electromagnetic
- ENGG2002 Circuits and Systems
- ENGG2003 Analog Circuits
- ENGG2004 Digital Electronics Design
- SWE2004 Technical Software Development

Year Two
 Semester One
- ENGG2001 Engineering Maths 2
- ENGG2002 Circuits and Systems
- ENGG2003 Analog Circuits
- SWE2004 Technical Software Development

Semester Two
- EEE20001 Digital Electronics Design
- EEE20002 Analog Electronics 2
- EEE20003 Analog Electronics 1
- SWE2005 Electrical Machines

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 Three
 Semester One
- ENGG3001 Electrical Machine Design
- EAT20001 Professional Issues in Management
- TIM2004 Creating Website Content
- TNE10006 Networks and Switching

Semester Two
- EEE30001 Analog Electronics 2
- EEE40001 Professional Experience
- EEE40002 Power Systems
- EEE40003 Power Electronics

Year Four
 Semester One
- ENG20008 Integrated Circuit Design
- ENGG3000 Electrical Energy Systems

Semester Two
- EEE30002 Electrical Power Systems
- PHYD1001 Electromagnetic Waves
- FME30003 Control and Automation

Year Five
 Semester One
- ENGG4001 Advanced Research Project 1
- PHYS2001 Electromagnetic Fields
- RME30002 Control and Automation

Semester Two
- ENGG4000 Advanced Research Project 2
- EEE40007 Power Systems (Operation and Control)

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 500 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 Computer Science 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
200 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’s a part-time study load?
50 credit points (4 units per year).
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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 or during your placement year. If a core/first major unit is listed under fast track, this unit(s) may need to be completed 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?
For a full listing of online unit go to Online Units.

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

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