COURSE ENROLMENT PLANNER

Bachelor of Engineering (Honours) / Bachelor of Science
Software Major - BB-ENGSC

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

Year One
Your First Semester | Your Second Semester
--- | ---
ENG10001 Engineering, Design and Innovation | ENG10004 Digital and Data Systems
ENG10002 Engineering Materials | PHY10001 Physics and Electromagnetism
PHY10003 Physics and Astronomy | ENGG003 Mechanics of Structures
SWE10102 Software Engineering | SWE10103 Software Agents and Applications

Year Two
Year Two

Semester One | Semester Two
--- | ---
EEE20003 Circuitry and Electronics 1 | SWE20001 Software Engineering
SWE20002 Computer Operating Systems | EG30001 Engineering Management 1
ENG10001 Chemistry 1 | EG30002 Embedded Microcontrollers
ENG10004 Microcontrollers | EG30004 Object-Oriented Programming
SWE20004 Technical Software Development | EG30005 Digital Signal Processing

Optional Component
Professional Placement
An additional 16 months or 1 year to your course. Your course rules will be modified to accommodate the Professional Placement.

Year Three
Year Three

Semester One | Semester Two
--- | ---
BC10001 BIOS Of Biology | SWE30010 Project Development 2 - Design Planning & Men.
SWE20005 Software Development and Testing | SWE30020 Software Testing and Reliability
CS20001 Data Structures and Patterns | First Major Science Unit
SWE20001 Development Project 1 - Tools and Theories | First Major Science Unit
ENG10005 Professional Experience in Engineering | First Major Science Unit

Year Four
Year Four

Semester One | Semester Two
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EEE40005 Integrated Circuit Design | SWE30004 Software Development - Application
SWE30003 Real Time Programming | EE40003 Computer Architecture
EEE40003 First Major Science Unit | First Major Science Unit
EEE40004 First Major Science Unit

Year Five
Year Five

Semester One | Semester Two
--- | ---
ENG40001 First Year Project Research 1 | ENG40002 First Year Project Research 2
CON20002 Communication for Civilisation | WN30002 Research and Development Project 3
SWE30003 Software Architectures and Design | SWE30005 Software Skills in Business
EEE40014 Hardware Software Codesign | First Major Science Unit

How to use your Course Planner
Refer to the below table to help explain what units are real and 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 212.5 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 Science Major units 45.5 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 of study or during your third year, you will need to complete 2 years, 50 credit points (4 units per year), 50 / 100 Credit points.

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/Writer/Online teaching period or 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 Science Units.

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

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