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
ENGG1001 Engineering, Design and Innovation
ENGG1001 Engineering Materials
PHYS1001 Physics and Newtonian Mechanics
SENG1012 Engineering Applications

Year Two
Your First Semester
ENGG2010 Engineering Maths 2
ENGG2054 Structural Mechanics
CIVE2001 Topographical Engineering
CIVE2002 Structural Analysis

Your Second Semester
ENGG20003 Design of Concrete Structures
ENGG20005 Road Engineering
CIVE20003 Urban Water Resources
CIVE20002 Design of Steel Structures
CIVE20004 Professional Experience

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
Your First Semester
ENGG1001 Engineering Entrepreneurship
MEE2000 Introductory Digital Design
CIVE3001 Urban Water Resources
CIVE3002 Design of Steel Structures
CIVE2006 Professional Experience

Year Four
Your First Semester
MEE2000 Engineering Project 1
CIVE3000 Transport Engineering
DIS20006 Design Thinking
DI20006 Introduction Design Studio 2

Your Second Semester
ENGG4001 Engineering Research Project 1
CIVE40001 Infrastructure Design Project
DI30005 Innovation Management
DI30006 Startup Fundamentals

Year Five
Your First Semester
ENGG4001 Engineering Research Project 2
CIVE40002 Structural Design of Low Rise Buildings
DI20005 New Venture Development
DI30006 Design Studio Capstone Research

Course Information
Course 500 Credit Points
Care 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.

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.

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 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/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 units go to Online Units.