



PROGRAM PLAN

BACHELOR OF DATA SCIENCE

START DATE:
Semester 2, 2021

LOCATION:
Callaghan

This Program Plan is an enrolment guide to ensure you are on track to graduate. If at any time you wish to vary from this program plan seek advice from your Program Advisor to ensure you remain on track.

 [PROGRAM HANDBOOK](#)
 [COURSE HANDBOOK](#)

NAME:

STUDENT NO.:

COURSE STATUS KEY

C = Completed

En = Enrolled

NS = Not Started

YEAR 1	SEMESTER 1					SEMESTER 2	COMP1140 Database and Information Management CORE	MATH1110 Mathematics for Engineering, Science and Technology 1 CORE	MATH1510 Discrete Mathematics CORE	STAT1300 Fundamentals of Statistics CORE
YEAR 2	SEMESTER 1	MATH1120 Mathematics for Engineering, Science and Technology 1 CORE	SENG1110 Object Oriented Programming CORE	STAT1100 Data Wrangling and Visualisation CORE	ELECTIVE 1000/2000/3000 Level ELECTIVE	SEMESTER 2	COMP2230 Algorithms CORE	INFT2150 Business Analysis CORE	SENG1120 Data Structures CORE	STAT2020 Predictive Analytics CORE
YEAR 3	SEMESTER 1	COMP3260 Data Security CORE	COMP3330 Machine Intelligence CORE	DIRECTED 2000 Level DIRECTED	ELECTIVE* 1000/2000/3000 Level ELECTIVE	SEMESTER 2	COMP3851A Computer Science and Information Technology Work Integrated Learning Part A CORE	COMP3340 Data Mining CORE	STAT2300 Statistical Inference CORE	ELECTIVE* 2000/3000 Level ELECTIVE
YEAR 4	SEMESTER 1	COMP3851B Computer Science and Information Technology Work Integrated Learning Part B CORE	DIRECTED 3000 Level DIRECTED	ELECTIVE* 2000/3000 Level ELECTIVE	ELECTIVE* 3000 Level ELECTIVE	SEMESTER 2				

PROGRAM PLAN

BACHELOR OF DATA SCIENCE

To be eligible to graduate make sure you have completed 240 units (10 units = 1 course unless otherwise specified) which meet the following criteria:

- Core courses – 170 units
- Program Directed Courses – 20 units in total (10 units at 2000 level and 10 units at 3000 level).
- Electives – 50 units visit the [Course Handbook](#) to see a list of available Electives.
- Students must not exceed 100 units at 1000 level.
- Students must take a minimum of 60 units at 3000 level.
- The duration of this program is 3 year full-time (40 units per semester) or part-time equivalent.
- The maximum time to complete this program is 8 years.



Some courses have assumed knowledge and/or requisites, please refer to the individual [Course Handbook](#). Please refer to the [Program Handbook](#) for specific information on program structure. If you are intending varying from this program plan please seek advice from your [Academic Program Advisor](#).

PROGRAM PLAN

BACHELOR OF DATA SCIENCE

DIRECTED COURSES

2000 Level Directed Courses

Choose 10 units from the following:

MATH2340: Linearity and Continuity 1
SCIE2001: Professional Employment Skills
STAT2000: Applied Statistics and Research Skills

3000 Level Directed Courses

Choose 10 units from the following:

INFT3800: Professional Practice in IT
STAT3030: Generalised Linear Models
STAT3040: Forecasting with Linear Time Series Models