

Master of Information Technology MA-IT1

Specialisation in Data Science

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.

How to use your Course Planner

Refer to the below tables 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.

Year 2024

Term 3	
COS60010 Technology Enquiry Project	+12.5
COS80025 Data Visualisation Concurrent Pre-requisite: COS60010 Technology Enquiry Project	+12.5

Term 4	
Elective (CYB60004)	+12.5
COS60009 Data Management for the Big Data Age Concurrent Pre-requisite: COS60010 Technology Enquiry Project	+12.5
COS60004 Creating Web Applications Concurrent Pre-requisite: COS60010 Technology Enquiry Project	+12.5

Year 2025

Term 1	
COS60008 Introduction to Data Science Concurrent Pre-requisite: COS60010 Technology Enquiry Project	+12.5
Elective (ICT60001)	+12.5

Term 2	
COS70008 Technology Innovation Project Pre-requisites: 62.5 CP	+25.0
COS80023 Big Data Pre-requisites: COS60010 Technology Enquiry Project & COS60009 Data Management for the Big Data Age	+12.5
COS80001 Cloud Computing Architecture	+12.5

Term 3	
COS60011 Technology Design Project	+12.5

Term 4	
COS70004 User Centred Design	+12.5
COS80021 Web Application Development Pre-requisites: COS60004 Creating Web Applications & COS60010 Technology Enquiry Project	+12.5
COS80029 Technology Application Project Pre-requisites: COS70008 Technology Innovation Project	+25.0

Course Information

Master of Information Technology (Non-cognate Entry)

200 Credit Points (CP)

Core units 75 CP

A set of compulsory units you must complete as part of your course.

Specialisation units 100 CP

A structured set of units in a field of study specific to your course.

Component units 25 CP

Electives

A set of standalone units from any study area. Choose from the following list:

- **ICT60001**
Operating System Management
- **CYB60004**
Networks and Cybersecurity Frameworks