SWINBURNE UNIVERSITY OF TECHNOLOGY

Master of Information Technology
MA-IT1
Specialisation in Data Science (Cognate Entry)

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 2024

Term 1	
COS60011 **Technology Design Project**	+12.5
COS60008 **Introduction to Data Science** Concurrent Pre-requisite: COS60010 Technology Enquiry Project	+12.5

Term 2	
COS80001 **Cloud Computing Architecture** Pre-requisites: COS60004 Creating Web Applications	+12.5
COS70008 **Technology Innovation Project** Pre-requisites: 62.5 CP	+25.0
Elective (ICT60001)	+12.5

Term 3	
COS80025 **Data Visualisation** Concurrent Pre-requisite: COS60010 Technology Enquiry Project	+12.5
Elective (CYB60004)	+12.5

Term 4	
COS80023 **Big Data** Pre-requisites: COS60010 Technology Enquiry Project COS60009 Data Management for the Big Data Age	+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

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.

Course Information

Master of Information Technology (Cognate Entry)

150 Credit Points (CP)

Core units 37.5 CP

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

Specialisation units 87.5 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:

- **CYB60004 Networks and Cybersecurity Frameworks**

- **ICT60001 Operating System Management**