SWINBURNE UNIVERSITY OF TECHNOLOGY

Master of Information Technology
MA-IT1
Specialisation in Cybersecurity

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.

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:

- **COS80025 Data Visualisation**
  Concurrent Pre-requisite: COS60010 Technology Enquiry Project

- **COS60008 Introduction to Data Science**
  Concurrent Pre-requisite: COS60010 Technology Enquiry Project

Year 2024

Term 3	
COS60010 **Technology Enquiry Project**	+12.5
Elective (COS80025)	+12.5

Term 4	
CYB60004 **Networks and Cybersecurity Frameworks**	+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	
Elective (COS60008)	+12.5
ICT60001 **Operating System Management**	+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

For any inquiries, please contact the Course Director at wvong@swinburne.edu.my.