S776 MASTER OF INFORMATION TECHNOLOGY
FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT

FOR STUDENTS COMMENCING TRIMESTER 2 2025

Last updated 07/02/2025

When you first enrol via StudentConnect and go through the enrolment steps, you may be able to simply confirm any units that are pre-populated for you. You can also add any that you need to do, as part of your first year's enrolment – by using the information on this map and in the Handbook.

You must also complete the following compulsory zero (0) credit point units: <u>DAI001 Academic Integrity and Respect At Deakin</u> (0 credit points)

YEAR 1 Year: 2025	Trimester 2			
	Trimester 3			

YEAR 2 Year: 2026	Trimester 1			
	Trimester 2			
	Trimester 3			

YEAR 3 Year: 2027	Trimester 1			
	Trimester 2			
	Trimester 3			

*Excluding SIT771, SIT772, SIT773, SIT774.

^Students interested in pursuing a Higher Degree by Research, including a Masters by Research or PhD are encouraged to consider using their electives to undertake research units (e.g. SIT723, SIT792, SIT724, SIT746 and SIT747). Students are encouraged to <u>Student Central</u> and speak to a course advisor if they are interested in pursuing this option.

S776 COURSE RULES

- Must pass 16 credit points for course

- Must pass 1 units in {DAI001}

- Must pass ALL units in {SIT719, SIT722, SIT725, SIT726, SIT740, SIT753, SIT764, SIT771, SIT772, SIT773, SIT774, SIT782}

- Must pass 1 unit set(s) in {Networking and Cloud Technologies (SP-S000021), Software and Services Development (SP-S000023), Cyber Security (SP-S000028), Data Science (SP-S000055), Emerging Technologies for Supply Chain (SP-S000062), Virtual Reality (SP-S000083), Internet of Things (SP-S000091)}
  OR
  Must pass four (4) credit points in {SIT%, MIS%}

Student ID:		Name:	
Deakin email:		Preferred contact no:	
Year commenced:	Period commenced:	eCOE (if applicable):	Campus:	Mode:
Student adviser:			Date:	

Notes

GENERAL INFORMATION

This course map is a guide only. You must also ensure you meet the course rules and structure as set out in the official University Handbook of the year you commenced your course. This course map has been created to be used electronically.

Not all units are available in all study periods or mode of delivery.

- Full time study is typically three to four units (or credit points) each study period.
- Part time study is typically one to two units (or credit points) each study period – part time study will extend the duration of your studies.
- Trimester 3 is typically an optional study period - unless it's your first study period and/or a compulsory study period for your course.

Unit options can be found in the 'Advanced Unit Search' in the most current year's University Handbook.

If you have applied for or received credit for units as recognition of prior learning (RPL), it may alter the units you need to study.

Please seek advice from a Student Adviser in StudentCentral if you have any queries or need help understanding your course structure and unit options.

S776 MASTER OF INFORMATION TECHNOLOGY SPECIALISATION UNIT SETS

CYBER SECURITY (SP-S000028)
SIT703 Computer Forensics and Investigations
SIT704 Ethical Hacking
SIT716 Computer Networks and Security
SIT735 Application and Communication Protocol Security
SIT736 Identity, Access Management and Physical Security
SIT738 Secure Coding
SIT763 Cyber Security Management

Completion Rule
- Must pass all unit(s) in {SIT704, SIT716}
- Must pass 2 unit(s) in {SIT703, SIT735, SIT736, SIT738, SIT763}

DATA SCIENCE (SP-S000055)

SIT718 Real World Analytics

SIT720 Machine Learning

SIT731 Data Wrangling

SIT741 Statistical Data Analysis

SIT742 Modern Data Science

SIT743 Bayesian Learning and Graphical Models

SIT744 Deep Learning

Completion Rule
- Must pass all unit(s) in {SIT718, SIT720}
- Must pass 2 unit(s) in {SIT731, SIT741, SIT742, SIT743, SIT744}

EMERGING TECHNOLOGIES FOR SUPPLY CHAIN (SP-S000062)

MIS713 Digital Transformation of Supply Chains

SIT718 Real World Analytics

SIT728 Blockchain Technologies and Real-World Applications

SIT729 Software Architecture and Scalability for Internet of Things

SIT742 Modern Data Science

SIT763 Cyber Security Management

Completion Rule
- Must pass all unit(s) in {MIS713, SIT718, SIT728}
- Must pass 1 unit(s) in {SIT729, SIT742, SIT763}

INTERNET OF THINGS (SP-S000091)

SIT716 Computer Networks and Security

SIT729 Software Architecture and Scalability for Internet of Things

SIT730 Embedded Systems Development

SIT732 Developing Secure Internet of Things Applications

Completion Rule
- Must pass all unit(s) in {SIT716, SIT729, SIT730, SIT732}

NETWORKING AND CLOUD TECHNOLOGIES (SP-S000021)

SIT706 Cloud Computing

SIT716 Computer Networks and Security

| SIT722 Software Deployment and Operation |
| SIT727 Cloud Automation Technologies |
| SIT737 Cloud Native Application Development |

Completion Rule
- Must pass 4 unit(s) in {SIT706, SIT716, SIT722, SIT727, SIT737}

| SOFTWARE AND SERVICES DEVELOPMENT (SP-S000023) |
| SIT707 Software Quality and Testing |
| SIT708 Mobile Application Development |
| SIT728 Blockchain Technologies and Real-World Applications |
| SIT737 Cloud Native Application Development |

Completion Rule
- Must pass all unit(s) in {SIT707, SIT708, SIT728, SIT737}

| VIRTUAL REALITY (SP-S000083) |
| SIT755 Interactive Application Design for Virtual and Augmented Reality |
| SIT756 Development for Virtual and Augmented Reality |
| SIT757 Content Creation for Interactive Experiences |
| SIT758 Assembling Virtual and Augmented Reality Experiences |

Completion Rule
- Must pass all unit(s) in {SIT755, SIT756, SIT757, SIT758}