

# S776 MASTER OF INFORMATION TECHNOLOGY

## FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT



FOR STUDENTS COMMENCING TRIMESTER 2 2021

Last updated 18/03/2021

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: STP050 Academic Integrity (0 credit points)

<b>YEAR 1</b> Year: 2021	Trimester 2				
	Trimester 3				

<b>YEAR 2</b> Year: 2022	Trimester 1				
	Trimester 2				
	Trimester 3				

<b>YEAR 3</b> Year: 2023	Trimester 1				
	Trimester 2				
	Trimester 3				

\*Excluding SIT771, SIT772, SIT773, SIT774.

### S776 COURSE RULES

- Must pass 16 credit points for course
- Must pass 1 units in {STP050}
- Must pass ALL units in {SIT719, SIT725, SIT726, SIT740, SIT764, SIT771, SIT772, SIT773, SIT774, SIT780, SIT782}
- Must pass 16 credit points in {SIT7%}
- 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)} **OR** Four level 7 SIT elective units
- Must pass one level 7 SIT elective

Note: Depending upon prior qualifications and/or experience, you may receive credit for the Foundation and Fundamental Information Technology Studies.

### FOR USE ONLY WHEN UNDERTAKING A CONSULTATION WITH A STUDENT ADVISER:

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

## 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 PART UNIT SETS

### FOUNDATION INFORMATION TECHNOLOGY STUDIES (PT-S776001)

[SIT771 Object-Oriented Development](#)

[SIT772 Database and Information Retrieval](#)

[SIT773 Software Requirements Analysis and Modelling](#)

[SIT774 Web Technologies and Development](#)

#### Completion Rule

- Must pass all unit(s) in {SIT771, SIT772, SIT773, SIT774}

### FUNDAMENTAL INFORMATION TECHNOLOGY STUDIES (PT-S776002)

[SIT719 Analytics for Security and Privacy](#)

[SIT725 Applied Software Engineering](#)

[SIT726 Entrepreneurship, Intrapreneurship and Innovation](#)

#### Completion Rule

- Must pass all unit(s) in {SIT719, SIT725, SIT726}
- Must pass 1 unit(s) in {SIT7%}

### MASTERY INFORMATION TECHNOLOGY STUDIES (PT-S776003)

[SIT740 Research and Development in Information Technology](#)

[SIT764 Team Project \(A\) - Project Management and Practices](#)

[SIT780 Enterprise Applications Development](#)

[SIT782 Team Project \(B\) - Execution and Delivery](#)

Completion Rule

- Must pass all unit(s) in {SIT740, SIT764, SIT780, SIT782}

## S776 MASTER OF INFORMATION TECHNOLOGY SPECIALISATION UNIT SETS

### CYBER SECURITY (SP-S000028)

[SIT703 Advanced Digital Forensics](#)

[SIT704 Advanced Topics in Digital Security](#)

[SIT716 Computer Networks and Security](#)

[SIT735 Communications Network Security](#)

[SIT763 Cyber Security Management](#)

Completion Rule

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

### DATA SCIENCE (SP-S000055)

[SIT718 Real World Analytics](#)

[SIT720 Machine Learning](#)

[SIT742 Modern Data Science](#)

[SIT744 Deep Learning](#)

Completion Rule

- Must pass all unit(s) in {SIT718, SIT720, SIT742, SIT744}

### EMERGING TECHNOLOGIES FOR SUPPLY CHAIN (SP-S000062)

[SIT718 Real World Analytics](#)

[SIT720 Machine Learning](#)

[SIT728 Blockchain Technologies and Real-World Applications](#)

[SIT742 Modern Data Science](#)

Completion Rule

- Must pass all unit(s) in {SIT718, SIT720, SIT728, SIT742}

## NETWORKING AND CLOUD TECHNOLOGIES (SP-S000021)

[SIT706 Cloud Computing Technologies](#)

[SIT716 Computer Networks and Security](#)

[SIT727 Cloud Automation Technologies](#)

[SIT735 Communications Network Security](#)

### Completion Rule

- Must pass all unit(s) in {SIT706, SIT716, SIT727, SIT735}

## SOFTWARE AND SERVICES DEVELOPMENT (SP-S000023)

[SIT707 Software Quality and Testing](#)

[SIT708 Mobile Systems Development](#)

[SIT728 Blockchain Technologies and Real-World Applications](#)

[SIT737 Cloud Applications Design and Development](#)

### Completion Rule

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

## VIRTUAL REALITY (SP-S000083)

[SIT708 Mobile Systems Development](#)

[SIT755 Interaction and Design for Virtual Reality and Augmented Reality](#)

[SIT756 Development for Virtual Reality](#)

[SIT757 Content Creation for Virtual Reality](#)

### Completion Rule

- Must pass all unit(s) in {SIT708, SIT755, SIT756, SIT757}