S779 MASTER OF INFORMATION TECHNOLOGY (PROFESSIONAL)

FACULTY OF SCIENCE, ENGINEERING AND BUILT ENVIRONMENT

PART D - PROFESSIONAL STUDIES: RESEARCH PROJECT

FOR STUDENTS COMMENCING TRIMESTER 3 2026

Last updated 15/06/2026

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: DAI001 Academic Integrity and Respect At Deakin (0 credit points)
AND STP710 Career Tools for Employability (0 credit points)

YEAR 1 Year: 2026	Trimester 3	SIT719 Analytics for Security and Privacy	SIT725 Applied Software Engineering	Level 7 SIT or MIS elective unit*	Specialisation Unit
YEAR 2 Year: 2027	Trimester 1	SIT726 Information Technology Innovations and Entrepreneurship	SIT740 Research and Development in Information Technology	SIT753 Professional Practice in Information Technology	Specialisation Unit
	Trimester 2	SIT722 Software Deployment and Operation	SIT764 Team Project (A) - Project Management and Practices	Specialisation Unit	Specialisation Unit
	Trimester 3				
YEAR 3 Year: 2028	Trimester 1	SIT723 Research Techniques and Applications^ (2 credit points) OR SIT792 Minor Thesis^ (2 credit points)		Level 7 SIT or MIS elective unit*	Level 7 SIT or MIS elective unit*
	Trimester 2				
	Trimester 3				

* Excluding SIT771, SIT772, SIT773 and SIT774.

^ Entry is subject to specific unit entry requirements.

S779 COURSE RULES

- Must pass 16 credit points for course
- Must pass ALL units in {DAI001, SIT719, SIT722, SIT725, SIT726, SIT740, SIT753, SIT764}
- Must pass three (3) credit point of level 7 SIT or MIS-coded elective units.
- Must pass 1 unit set in {Cyber Security (SP-S000028), Data Science (SP-S000055), Emerging Technologies (SP-S000062), Information Technology Research Training (SP-S000011), Internet of Things (SP-S000091), Networking and Cloud Technologies (SP-S000021), Quantum Computing (SP-S000116), Software and Services Development (SPS000023), Virtual Reality (SP-S000083)}.
- Must pass ALL units in {SIT776, SIT782}
  OR
  Must pass ALL units in {SIT791, STP710}
  OR
  Must pass two (2) credit points in {SIT723, SIT792}

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:

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.

S779 MASTER OF INFORMATION TECHNOLOGY (PROFESSIONAL) 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 (SP-S000062)
SIT765 Foundations of Quantum Computing *(new in T1 2027)*
SIT766 Green Computing *(new in T1 2027)*
SIT706 Cloud Computing
SIT728 Blockchain Technologies and Real-World Applications
SLE788 Engineering AI Solutions

Completion Rule

- Must pass 2 unit(s) in {SIT765, SIT766}
- Must pass 2 unit(s) in {SIT706, SIT728, SIT788}

INFORMATION TECHNOLOGY RESEARCH TRAINING (SP-S000011)
SIT723 Research Techniques and Applications
SIT724 Research Project
SIT746 Research Project (Advanced)
SIT747 Research Project (Publication)
SLE761 Professional Research Practice

Completion Rule

- Must pass 4 credit points in {SIT723, SIT724, SIT746, SIT747, SLE761}

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}

QUANTUM COMPUTING (SP-S000116)
SIT765 Foundations of Quantum Computing *(new in T1 2027)*
SIT767 Quantum Programming and Simulations *(new in T1 2027)*
SIT768 Quantum Computing Algorithms *(new in T2 2027)*
SIT769 Applications of Quantum Computing *(new in T2 2027)*

Completion Rule

- Must pass all unit(s) in {SIT765, SIT767, SIT768, SIT769}