

Course Offer Guide

The Course Offer Guide is an integrated tool within the UniSQ Handbook designed to help students plan their studies with confidence. It provides a clear overview of:

- Course availability across the academic year (e.g. Trimester 1, Block 2).
- Delivery mode for each course, whether online, on-campus, or external.
- Campus offerings, showing where each unit is available.

This guide supports informed decision-making by allowing students to explore flexible study options and align their enrolment with personal and academic goals.

Export Information

Details in this file are accurate as at the date of export/printing and are subject to change during the year and from year to year. This document is provided to enable users to make notes and annotations, as needed.

Contents within the Course Offerings section of this document are a condensed version of the UniSQ Handbook. For detailed information, check <https://handbook-guide.unisq.edu.au/program/2026/MCTN>.

Once exported, UniSQ will no longer accept this document as a source-of-truth for curriculum content. Users must check with source systems to confirm the accuracy of data after export.

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Sources

- [UniSQ Handbook](#)
- [UniSQ Course Offer Guide](#)
- [UConnect](#)

Legend

Abbreviations used include:

Code	Meaning	Colour
TR1-TR3	Trimester 1-3	-
BL1-BL6	Block 1-6	-
YL1-YL3	Year-long 1-3	-
RES1-RES8	Research 1-8	-
ON	On-campus	UniSQ Gold
OL	Online	UniSQ Dark Plum

Code	Meaning	Colour
EXT	External	UniSQ Fire Sky red
Mixed (e.g. ON / OL)	More than one mode (e.g. On-campus / Online)	UniSQ Soft Pink

MCTN - Master of Information Technology

Program Code	MCTN
Program Type	Postgraduate
Credit Points	16
UniSQ Handbook	https://handbook-guide.unisq.edu.au/program/2026/MCTN
Course Offer Guide	https://course-offer-guide.unisq.edu.au/2026/MCTN.html

Program Rules

The program consists of 16 units comprising:

- 4 x core courses
- 1 x 8-unit advanced specialisation
- 4 x student selective courses
- 1 x 4-unit Research Pathway or
- 4 x 1-unit postgraduate elective courses

For continuing students who commenced the program prior to Trimester 2, 2024:

- If any of the previously approved CIS/CSC course(s) have been completed as electives, they will still contribute to the program completion requirements and any additional core courses are not required.
- If any of the previously approved CIS/CSC course(s) have NOT yet been successfully completed as electives, students should complete the two listed new CIS core courses.

Course Offerings

Core Courses (4 Units)

Course	Online			Springfield			Toowoomba		
	TR1	TR2	TR3	TR1	TR2	TR3	TR1	TR2	TR3
CSC5020 - Foundations of Programming 1.00 Unit(s)	OL		OL				ON		ON

Course	Online			Springfield			Toowoomba		
	TR1	TR2	TR3	TR1	TR2	TR3	TR1	TR2	TR3
No requisites									
CIS5310 - IS/ICT Project Management 1.00 Unit(s) Requisites Prior to 2024: Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.	OL	OL	OL	ON	ON			ON	ON
CIS5102 - Navigating the Digital Revolution 1.00 Unit(s) Requisites Prior to 2024: Enrolment is not permitted in CIS5102 if CIS5100 has been previously completed.	OL	OL	OL	ON		ON	ON		
CIS5209 - Systems Analysis and Design for IT Professionals 1.00 Unit(s) Requisites Prior to 2024: Enrolment is not permitted in CIS5209 if CIS5200 has been previously completed	OL	OL	OL			ON		ON	

Advanced Specialisation (8 Units)

Students select one (1) of the following specialisations

Software Development

Core (8 Units)

Course	Online			Toowoomba		
	TR1	TR2	TR3	TR1	TR2	TR3
CSC5090 - Foundations of IT Systems Administration 1.00 Unit(s) No requisites			OL			ON
CSC5710 - Software Design and Modelling 1.00 Unit(s) Course Anti-requisite: Course Anti-requisite: Course CSC8710		OL			ON	
CSC5720 - Programming Algorithms 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8720 Course Pre-requisites: Course CSC5020	OL			ON		
CSC5740 - Client-side Web Technology 1.00 Unit(s) Course Anti-requisite Course Pre-requisites:	OL			ON		

	Online			Toowoomba		
Course	TR1	TR2	TR3	TR1	TR2	TR3
Course Anti-requisite: Course CSC8740 Course Pre-requisites: (Course CSC5020 AND Course CSC5090 AND Program MCTN)						
CSC6410 - Advanced Relational Database Systems 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8450 Course Pre-requisites: (Course CSC5020 AND Course CSC5090)			OL			ON
CSC6460 - Advanced Programming Languages 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8460 Course Pre-requisites: Course CSC5020		OL			ON	
CSC6470 - Server-side Web Technology 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8470 Course Pre-requisites: Course CSC5740		OL			ON	
CSC6200 - Advanced ICT Professional Project 1.00 Unit(s) Course Pre-requisites: Course Pre-requisites: Course CIS5310 Program Requisites: Students must have also successfully completed 12 units prior to enrolment in this course.	OL		OL	ON		ON

Network Engineering

Core (8 Units)

	Online			Toowoomba		
Course	TR1	TR2	TR3	TR1	TR2	TR3
CSC5050 - Networking Foundations 1.00 Unit(s) No requisites		OL			ON	
CSC5510 - Internetworking 1.00 Unit(s) Course Anti-requisite Course Co-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8510 Course Co-requisite: Course CSC5050 Course Pre-requisites: Program MCYS			OL			ON

	Online			Toowoomba		
Course	TR1	TR2	TR3	TR1	TR2	TR3
CSC5520 - Securing Networks 1.00 Unit(s) Course Anti-requisite Course Co-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8520 Course Co-requisite: (Course CSC5050 OR Course CSC5100) OR (Program MCTN OR Program GDTI) Course Pre-requisites: (Course CSC5100 AND Program MCYS)			OL			ON
CSC6540 - Routing and Switching 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8540 Course Pre-requisites: Course CSC5510	OL			ON		
CSC6360 - Wireless Networking 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8360 Course Pre-requisites: Course CSC6540		OL			ON	
CSC6370 - Network Security Management 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8370 Course Pre-requisites: Course CSC5520		OL			ON	
CSC6380 - Designing Networks 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8380 Course Pre-requisites: Course CSC6540		OL			ON	
CSC6200 - Advanced ICT Professional Project 1.00 Unit(s) Course Pre-requisites: Course Pre-requisites: Course CIS5310 Program Requisites: Students must have also successfully completed 12 units prior to enrolment in this course.	OL		OL	ON		ON

Computing Technology

Core (8 Units)

	Online			Toowoomba		
Course	TR1	TR2	TR3	TR1	TR2	TR3
CSC5050 - Networking Foundations 1.00 Unit(s)		OL			ON	

	Online			Toowoomba		
Course	TR1	TR2	TR3	TR1	TR2	TR3
No requisites						
CSC5090 - Foundations of IT Systems Administration 1.00 Unit(s) No requisites			OL			ON
CSC5520 - Securing Networks 1.00 Unit(s) Course Anti-requisite Course Co-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8520 Course Co-requisite: (Course CSC5050 OR Course CSC5100) OR (Program MCTN OR Program GDTI) Course Pre-requisites: (Course CSC5100 AND Program MCYS)			OL			ON
CSC5740 - Client-side Web Technology 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8740 Course Pre-requisites: (Course CSC5020 AND Course CSC5090 AND Program MCTN)	OL			ON		
CSC6370 - Network Security Management 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8370 Course Pre-requisites: Course CSC5520		OL			ON	
CSC6410 - Advanced Relational Database Systems 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8450 Course Pre-requisites: (Course CSC5020 AND Course CSC5090)			OL			ON
CSC6470 - Server-side Web Technology 1.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: Course CSC8470 Course Pre-requisites: Course CSC5740		OL			ON	
CSC6200 - Advanced ICT Professional Project 1.00 Unit(s) Course Pre-requisites: Course Pre-requisites: Course CIS5310 Program Requisites: Students must have also successfully completed 12 units prior to enrolment in this course.	OL		OL	ON		ON

Student Selectives (4 Units)

Students select one (1) of the following options

Research Courses (4 Units)

Students wishing to pursue a PhD are encouraged to complete the below course as their electives.

Course	Online			Toowoomba		
	YL1	YL2	YL3	YL1	YL2	YL3
MSC6100 - Coursework Masters Research Project 4.00 Unit(s) Course Anti-requisite Course Pre-requisites: Course Anti-requisite: (Course MSC6001 AND Course MSC6002) Course Pre-requisites: (Program MSCN OR Program MCCO OR Program MCYS OR Program MCTN OR Program MADS OR Program MPUH OR Program MASC)	OL	OL	OL	ON	ON	ON

Postgraduate Elective Courses (4 Units)

Students select any four (4) Postgraduate courses (5000 or 6000 Level) subject to satisfying course requisites.

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