

**Master of Computing Technology, Master of Computing  
Tec**

- network commerce
- understand a broad range of topics in information technology
- design, manage and develop software systems and networks in an effective manner
- lead discussions relating to the computing aspects of their workplace
- become better problem-solvers and innovative thinkers, who are able to learn new skills independently and efficiently and consequently to succeed in a competitive professional environment
-

Commonwealth Supported students may be eligible to defer their fees through a Government loan called [HECS-HELP](#).

**Domestic full fee paying place**

<b>Group 1 Courses</b>	
<b>Semester 1</b>	<b>Semester 2</b>
CSC2402 Object-Oriented Programming in C++	CSC2401 Algorithms and Data Structures
CSC2408 Software Development Tools	CSC2404 Operating Systems
	CSC2406 Web Technology 1
MAT2409 High Performance Numerical Computing	CSC2407
	CSC2408 Software Development Tools
<b>Group 2 Courses</b>	
<b>Semester 1</b>	<b>Semester 2</b>
CSC3400 Database Systems <sup>£</sup>	CSC3413 Network Design and Analysis
CSC3403 Comparative Programming Languages	
CSC3407	CSC3427 Switching, Wireless and WAN Technologies
CSC3412 System and Security Administration	
<b>Group 3 Courses</b>	
<b>Semester 1</b>	<b>Semester 2</b>
CSC8407	CSC8409
CSC8410 Independent Studies in Computing/Mathematics/Statistics A	CSC8411 Independent Studies in Computing/Mathematics/Statistics B
CSC8419	CSC8420 Mobile Systems
CSC8480 Computing Complementary Studies A	CSC8490
CSC8416	CSC8421
CSC8417	CSC8415 Computer Network Programming
MSC8001 <sup>*#</sup>	MSC8001 <sup>*#</sup>
MSC8002 <sup>*#</sup>	MSC8002 <sup>*#</sup>

**Footnotes**

In Semester 3, 2023 this course will be delivered as a Transition (9 week) semester, commencing on 13 November 2023 and concluding on 12



## IT requirements

All students are required to have access to the Internet and to a personal computer running Microsoft Windows and Linux. The Department provides assistance with installing Linux for students who may not have done so before.

Students should visit the UniSQ [minimum computing standards](#) to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software.

Compliance with these recommendations will ensure students receive the computing help needed if experiencing problems. Macintosh computers are not recommended due to the software used in the courses. Software is specified on a course-by-course basis and, in some instances, it is provided with the textbook required for the course.

The University has installed a wireless network for students' computers. In order to take advantage of this facility and further enhance their on-campus learning environment, students should consider purchasing a notebook/laptop computer with wireless connectivity. A notebook/laptop may be required for some courses.

## Articulation

Upon successful completion of the [GDTI Graduate Diploma of Information Technology](#), students may articulate into the Master of Computing Technology (MCOT) with up to a maximum of four credit units exemption from the GDTI to MCOT in accordance with the MCOT requirements.

Upon successful completion of the [GDTI Graduate Diploma of Information Technology](#), students may articulate into the Master of Computing Technology (Extended) (MCTE) with up to a maximum of four credit units exemption from the GDTI to MCTE in accordance with the MCTE requirements.

### PhD Program entry requirements

Students wishing to enrol in the UniSQ Doctor of Philosophy (PhD) program must complete the Master of Computing Technology (Extended) which

- includes MSC8001 and MSC8002
- includes at least four level 8 CSC courses
- no Level 1 courses is included
- no Level 3 courses from outside the Group 2 CSC courses are included
- no more than four units of courses at Level 2 are included
- no more than two units of courses at Level 2 included may come from outside the following Group 1 CSC courses
- achieve a GPA of 5.5 or higher.

## Exit points

Students enrolled in the MCOT program who wish to exit without completing the program may be awarded

- the Graduate Diploma of Professional Computing (GDPC) if they have completed at least eight units (excluding exemptions and credit transfers); *or*
- the Graduate Certificate of Professional Computing (GCPC) if they have completed at least four units (excluding exemptions and credit transfers) in accordance with the MCOT requirements.

Students enrolled in the MCTE program who wish to exit without completing the program may be awarded

- the Graduate Certificate of Professional Computing (GCPC) if they have completed, in accordance with the MCTE requirements, at least four units (excluding exemptions and credit transfers); *or*
- the Graduate Diploma of Professional Computing (GDPC) if they have completed, in accordance with the MCOT requirements, at least eight units (excluding exemptions and credit transfers); *or*
- MCOT if they completed at least 12 units in accordance with the requirements of MCOT.

## **Credit**

Students with a degree equivalent at least to an Australian Bachelor degree may be eligible for up to 2 block credits of non-CSC level 2 courses in the MCTE. These credits will be awarded in accordance to guidelines set by the Faculty of Health, Engineering and Sciences. No further exemptions or credits for previous study will be permitted except for incomplete studies and those listed in the Articulation section.

No exemptions or credits for previous study will be permitted in MCOT except for incomplete studies and those listed in the Articulation section.

## **Recommended Enrolment Pattern**

Students should select their own courses, using the list provided at Program structure keeping in mind timetable constraints and the requirements to graduate outlined also in the Program Structure. If unsure about a suitable enrolment pattern, students should contact the Faculty of Health, Engineering and Sciences.