Master of Computing (MCOP) - MComp

This program is offered only to continuing students. No new admissions will be accepted. Students who are interested in this study area should contact us.

	On-campus^	Online^
Start:	No new admissions	No new admissions
Campus:	Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Standard duration:	1.5 years full-time, 3 years part-time, 4.5 years maximum	
Program articulation:	From: Graduate Diploma of Information Technology	

Notes:

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Completion of either the Graduate Diploma of Information Technology, the Graduate Diploma of Professional Computing or the Graduate Diploma of Advanced Computing through USQ, or equivalent.
- English Language Proficiency requirements for Category 3.

All students are required to satisfy the applicable English language requirements.

If students do not meet the English language requirements they may apply to study a University-approved English language program. On successful completion of the English language program, students may be admitted to an award program.

Program fees

Commonwealth supported place
A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of a students' higher education and students pay a student contribution amount, which varies depending on the courses undertaken. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Commonwealth Supported students may be eligible to defer their fees through a Government loan called HECS-HELP.

Domestic full fee paying place
Domestic full fee paying places are funded entirely through the full fees paid by the student. Full fees vary depending on the courses that are taken. Students are able to calculate the fees for a particular course via the Course Fee Schedule

Domestic full fee paying students may be eligible to defer their fees through a Government loan called FEE-HELP provided they meet the residency and citizenship requirements.

Australian citizens, Permanent Humanitarian Visa holders, Permanent Resident visa holders and New Zealand citizens who will be resident outside Australia for the duration of their program pay full tuition fees and are not eligible for FEE-Help.

International full fee paying place
International students pay full fees. Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. Students are able to calculate the fees for a particular course via the Course Fee Schedules.

Program structure

To be eligible for the award of Master of Computing, each student is required to complete a four unit research project (MSC8001 Research Project I and MSC8002 Research Project II), CSC8600 Advanced ICT Professional Project, CIS5310 IS/ICT Project Management, and at least six units found in the coursework table below. Any courses completed as part of an undergraduate program for which an award has been given, will not attract credit for the Master of Computing. Exemptions or credit for previous study will not be permitted except for incomplete studies.

Students seeking Skill Accreditation, or other accreditations from professional bodies such as the Australian Computer Society, should seek advice from the professional bodies before they apply for credits or exemptions.

Required time limits

Students have a maximum of 4.5 years to complete this program.

Coursework

The coursework will consist of six courses chosen from those in the table below.

At least three courses will be Group 1 Courses. Exemptions or credit for previous study will not be permitted except for incomplete studies. However, if deemed appropriate with the aims of the program, and subject to

approval by the Faculty of Health, Engineering and Sciences, students may include up to three units of other study at the appropriate level.

Students seeking Skill Accreditation, or other accreditations from professional bodies such as the Australian Computer Society, should seek advice from the professional bodies before they apply for credits or exemptions.

Coursework	
Group 1 Courses	
Semester 1	**Semester 2**
CSC8407 Wireless and Internet Technology	CSC8421
CSC8410 Independent Studies in Computing/Mathematics/Statistics A	CSC8426 #
CSC8416 +	CSC8411 Independent Studies in Computing/Mathematics/Statistics B
CSC8422 Web Data Visualisation	CSC8415 Computer Network Programming
CSC8419	CSC8420 Mobile Systems
CSC8480 Computing Complementary Studies A	CSC8490 Computing Complementary Studies B
Group 2 Courses	
Semester 1	**Semester 2**
CSC8500 Advanced Relational Database Design and Technology	CSC8513 Network Performance Analysis
CSC8503 Principles of Programming Languages	CSC8527 Scaling and Connecting Networks
CSC8512 Advanced System Administration	
CSC8507 Networking Technologies	

Footnotes

\#   This course replaces CSC8409 which has been discontinued.

\+   CSC8416 Advanced Programming in Java will not be offered in S1 2021, replacement course options are: CSC8407, CSC8410, CSC8480, CSC8101, CSC8004, CIS8708, CIS8500.

Research

In addition to the coursework, each student is required to complete a four-unit research project. To satisfy this requirement, students will complete both of the two-unit courses, MSC8001 Research Project I and MSC8002 Research Project II. Subject to approval by the Postgraduate Coordinator, these courses may be taken in Semester 1 or 2.

IT requirements

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

Students should visit the USQ 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 acceptable but 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 Graduate Diploma of Information Technology, students may articulate into the Master of Computing with up to a maximum of four units' credit.

Exit points

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