- become better problem solvers and innovative thinkers, with the ability to learn new skills independently and efficiently, and consequently to succeed in a competitive professional environment
- identify information needs appropriate to their area of specialisation, and apply the techniques required to gather and interpret such information
- demonstrate skills in the analysis and determination of technological issues at management level
- identify, analyse and solve problems in one or more areas of technology by selecting and using either quantitative or qualitative techniques appropriate to the resolution of technological problems
- satisfy academic admission requirements for membership of relevant professional bodies
- identify, interpret and evaluate major issues in a range of contemporary business information technology areas
- apply acquired knowledge associated with their studies to work environments
- articulate the principal theories, concepts and applications associated with their selected business information technology area(s)
- understand and act in accordance with the ethics of their profession.

Australian Qualifications Framework

The Australian Qualifications Framework (AQF) is a single national, comprehensive system of qualifications offered by higher education institutions (including universities), vocational education and training institutions and secondary schools. Each AQF qualification has a set of descriptors which define the type and complexity of knowledge, skills and application of knowledge and skills that a graduate who has been awarded that qualification has attained, and the typical volume of learning associated with that qualification type.

This program is at AQF Qualification Level 09. Graduates at this level will have specialised knowledge and skills for research, and/or professional practice and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting

Program fees

Commonwealth supported place

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

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. You are able to calculate the fees for a particular course via the Course Fee Finder.

Program structure

Master of Computing Technology (MCTN) consists of 16 units of courses from the following three course groups subject to the following restrictions:

- four units of research skills and training (MSC8001 and MSC8002)
- at least four units of Level 8 courses from the following Group 3 CSC courses
- no Lev

CSC8507 Networking Technologies	CSC8527 Scaling and Connecting Networks
CSC8512 Advanced System Administration	
Group 3 Courses	
Semester 1	**Semester 2**
CSC8407 Wireless and Internet Technology	CSC8409 XML and Semantic Web Services
CSC8410 Independent Studies in Computing/Mathematics/Statistics A	CSC8411 Independent Studies in Computing/Mathematics/Statistics B
CSC8419 Cryptography and Security	CSC8420 Mobile Systems
CSC8480 Computing Complementary Studies A	CSC8490 Computing Complementary Studies B
CSC8416 Advanced Programming in Java	CSC8421 Network Security
CSC8417 Advanced Web Data Management	CSC8415 Computer Network Programming

These tables of courses may vary from time to time as the range of courses offered within the University changes. Courses which are relevant to the goals of a student and consistent with the purposes of this program may be allowed at the discretion of the Program Coordinator.

Students may undertake a major in one of the fields shown in the following table by completing the associated courses. A major represents a grouping of related courses. Note that it is not compulsory to undertake a major in this program.

Major	**Courses for the major**
Software and the Web	CSC2406 Web Technology
	CSC2407 Introduction to Software Engineering
	CSC2408 Software Development Tools
	CSC8500 Advanced Relational Database Design and Technology
	CSC8503 Principles of Programming Languages
	CSC8507 Networking Technologies
	CSC8409 XML and Semantic Web Services
	CSC8416 Advanced Programming in Java
	CSC8417 Advanced Web Data Management
	CSC8420 Mobile Systems
	MSC8001 Research Project I*#
	MSC8002 Research Project II*#
	Two courses from the Group 1, Group 2 or Group 3 courses

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							or MEPR or MENS or METC or MSST or MCTN
CSC8419 Cryptography and Security	3	1	3	1			Pre-requisite: Students must be enrolled in one of the following Programs: MCOP or MPIT or MCOT or MCTE or MSSC or MENC or MEPR or MENS or METC or MSST or MCTN

Footnotes

*   2 credit point course