

PROGRAMME REGULATIONS

Master of Computing

Programme Schedule

To be read in conjunction with the [Masters Generic Regulations](#).

1. Programme Schedule

This Programme Schedule applies to the Unitec Master of Computing (MComp)
Level 9 Credits 240.

2. Special Admission

Special admission may be granted to applicants who have completed a Graduate Diploma (or equivalent qualification) in the same or similar discipline with a B grade average or better.

3. Selection

3.1 Selection criteria

When the number of eligible applicants for admission exceeds the number of places available, the following selection criteria will be applied:

- a) professional qualifications that are relevant to the proposed field of study;
- b) assurance of commitment to undertaking all aspects of the programme and to meeting the learning outcomes;
- c) recommendation from employers;
- d) academic and technical aptitude;
- e) relevant work experience.

These criteria are not ranked in any order. Applicants who meet the greatest number of criteria will be the preferred applicants.

3.2 Selection process

Selection will be made by the Programme Committee or by those with authority delegated by the Programme Committee

Students will be selected based on the information supplied on the enrolment form. In some cases, a telephone or face-to-face interview may be required.

4. Requirements for the Award of the Qualification

4.1 The Award

To be awarded the Master of Computing, a candidate shall have successfully completed 240 credits from one of the two alternative pathways through the degree, together with the requirements of that pathway.

a. Candidates who undertake the thesis pathway shall complete:

Either

- ISCG9026 Thesis 120 credits
- The compulsory Level 8 course listed in Table 1
- 90 credits from the courses listed in Table 2.

OR

- ISCG 9027 Thesis 90 credits
- the compulsory Level 8 course listed in Table 1
- 120 credits from the courses listed in Table 3

Candidates who undertake the dissertation pathway shall complete:

- ISCG9025 Dissertation 60 credits
- The compulsory Level 8 course listed in Table 1
- 150 credits from the courses listed in Table 2.

ISCG9025 “Dissertation” (60 credits) is only available to students who have passed one or more of ISCG8021 to 8039 before 01 January 2008.

Table 1: Compulsory Courses for Master of Computing

Level	Course No.	Course Name	Credits	Prerequisites
Students must complete one of the following				
9	ISCG9025	Dissertation	60	ISCG8024
9	ISCG9026	Thesis	120	ISCG8024
9	ISCG9027	Thesis	90	ISCG8024
8	ISCG8024	Research Methods	30	

Table 2: Elective Courses for Master of Computing

Level	Course No.	Course Name	Credits	Prerequisites
8	ISCG8022	Managing IT Projects	15	
8	ISCG8025	Special Topic 1	15	
8	ISCG8028	Negotiated Study	15	As required
8	ISCG8029	Special Topic	15	As required
8	ISCG8030	Enterprise Network Design and Management	15	ISCG8036
8	ISCG8031	Instructional Design and Interactive Learning	15	
8	ISCG8032	Interactive Multimedia Development 1	15	
8	ISCG8033	Interactive Multimedia Development 2	15	ISCG8032
8	ISCG8035	Internet and Intranet Management	15	
8	ISCG8036	Networks and Protocols	15	
8	ISCG8038	Web Based Systems	15	
8	ISCG8040	Enterprise Network Information Security Management	15	ISCG8036
8	ISCG8041	Mobile and Wireless Communications	15	
8	ISCG8042	Data Mining and Industry Applications	15	Prior database knowledge
8	ISCG8043	Active Business Intelligence	15	
8	ISCG8044	Health Informatics	15	
8	ISCG8045	Network Programming	15	ISCG6401 & ISCG6421
8	ISCG8046	Cloud Computing	15	Department consent
8	ISCG8047	Cyber Security and Cloud Computing	15	
8	ISCG8048	Mobile Security	15	
8	ISCG8049	Data Warehouse Architecture	15	Department consent
8	ISCB8050	Machine Learning for Intelligent Data and Information Processing	15	Department consent
8	ISCG8051	Software Defined Networks	15	
An approved level 8 course from another programme				as required

4.2 Prerequisites

Prerequisites may be waived by the Programme Committee for candidates who have acquired the requisite knowledge through work experience or formal study in another programme.

5. Milestone Award

The Postgraduate Diploma in Computing is a Milestone Award from the Master of Computing.

6. Credit Recognition

6.1 Transfer from Postgraduate Diploma in Computing

- a. Graduates of the Postgraduate Diploma in Computing may apply (as required) to the Faculty Academic Committee for a transfer of credit of up to a maximum of 120 credits towards the Master of Computing provided that the period between completing the award of the postgraduate diploma and applying for admission to the master's programme does not exceed three years.
- b. Candidates who have not completed ISCG8024 Research Methods as part of the postgraduate diploma shall be required to complete this course, in addition to the thesis or dissertation, to be awarded the Master of Computing.
- c. In exceptional circumstances, the Faculty Academic Committee may approve the transfer of credit from a postgraduate diploma completed more than three years before applying for admission to the master's degree.
- d. For postgraduate diploma graduates who are subsequently awarded the degree, Unitec's academic record shall show only the qualification of the Master of Computing, and the award of the postgraduate diplomas shall be revoked.

7. Commencement

These regulations came into force in Semester 1, 2016.