Graduate Diploma of Information Technology (GDTI) - GradDipTI

CRICOS code (International applicants): 066137D

	On-campus	**External***	**Online**
Start:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July) Semester 3 (November)	Semester 1 (February) Semester 2 (July)
Campus:	Toowoomba	Toowoomba	-
Fees:	Domestic full fee paying place International full fee paying place	Domestic full fee paying place International full fee paying place	
Standard duration:	1 year full-time, 2 years part-time		
Program articulation:	To: Master of Information Technology		

Footnotes

*   You can only enrol in part-time study in Semester 3.

Contact us

Future Australian and New Zealand students	**Future International students**	**Current students**
Ask a question Freecall (within Australia): 1800 269 500 Phone (from outside Australia): +61 7 4631 5315 Email: study@usq.edu.au	Ask a question Phone: +61 7 4631 5543 Email: international@usq.edu.au	Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email: usq.support@usq.edu.au

Program aims

The Graduate Diploma of Information Technology will provide additional professional qualifications in computing for graduates from disciplines other than Computing. It is a vocationally and academically oriented program emphasising the resolution of technological problems leading to the effective management and analysis of information in both private and public sectors. Graduates should have a strong understanding of relevant academic disciplines and possess knowledge and skills in problem resolution that will enable them to work effectively in their chosen area or specialisation.

Achievement of the objectives of the student's area of specialisation will result in a graduate of high academic standard who is capable of competing for employment in a chosen professional area and pursuing career dev

- 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
- understand and act within the ethics of their profession and the need for a commitment to that 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 08. Graduates at this level will have advanced knowledge and skills for professional or highly skilled work and/or further learning.

The full set of levels criteria and qualification type descriptors can be found by visiting www.aqf.edu.au.

Admission requirements

To be eligible for admission, applicants must satisfy the following requirements:

- Completion of an Australian university three year Bachelor degree in a non-computing discipline, or equivalent.
  Or
  equivalent professional work experience, as determined through the Credit and Exemption Procedure.
- English Language Proficiency requirements for Category 2.

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

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 tak

Program structure

The Graduate Diploma consists of eight courses each of one unit. The following two compulsory courses must be completed:

CIS1000 Information Systems Concepts

CSC1401 Foundation Programming

The remaining six courses must be chosen from the following list. At least four courses must be from Level Eight.

Enrolment requirements should be taken as a guide to the assumed knowledge required for the course. It is the student's responsibility to ensure that they have the assumed knowledge for a course before enrolling in that course.

Course	Semester		
	ONC	EXT	ONL
At least four from			
CSC8500 Advanced Relational Database Design and Technology[*]	1		1
CSC8503 Principles of Programming Languages[*]	1		1
CSC8507 Networking Technologies	1		1
CSC8512 Advanced System Administration	1		1
CSC8513 Network Performance Analysis	2		2
CSC8527 Scaling and Connecting Networks	2		2
At most two from			
MAT1101 Discrete Mathematics for Computing	1		1
CSC2401 Algorithms and Data Structures	2		2
CSC2402 Object-Oriented Programming in C++	1		1
CSC2404 Operating Systems	2		2
CSC2406 Web Technology 1	2		2
CSC2407 Introduction to Software Engineering	2		2
CSC2408 Software Development Tools	1,2		1,2
MA1	1		1

Recommended enrolment pattern

Students are able to enrol in any offered mode of a course (on-campus, external or online), regardless of the program mode of study they enrolled in.

There is no recommended enrolment pattern for this program. Students should select their own, keeping in mind any course pre-requisites, timetable constraints and the requirements to graduate outlined above in the Program Structure. If unsure about a suitable enrolment pattern, students should contact the Faculty of Health, Engineering and Sciences.