

Graduate Diploma of Information Technology (GDTI) - GradDipTI

CRICOS code (International applicants): 066137D

	On-campus	Online
Start:	Semester 1 (February) Semester 2 (July)	Semester 1 (February) Semester 2 (July)
Campus:	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	

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 aims to provide students from any discipline with an opportunity to expand their knowledge and upgrade their professional qualifications. Students will be able to develop their skills and knowledge within the field of Software Development, Network Engineering or Computing Technology. Students are guided to become effective professionals who are able to develop innovative technological solutions.

Program objectives

At the completion of this program, students should be able to:

- Incorporate concepts of professionalism, cultural awareness, and ethical practice within the IT work environment.
- Identify, interpret, analyse, problem solve information technology needs within the area of software or computer networks.
- Work independently or in teams to design and develop innovative technological solutions.
- Effectively communicate, both written and verbally, employing appropriate interpersonal skills.

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 , or equivalent.
or
A minimum of five years' professional work experience equivalent to a qualification at AQF Level 7..
- 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 taken. Students 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. Students are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Program structure

The program consists of eight (8) units comprised of:

- 2 core courses
- 4 specialisation courses
- 2 approved courses (Approved courses include any level 8000 CSC or CIS coded course, subject to pre-requisite satisfaction.)

Required time limits

Students have a maximum of 3 years to complete this program.

Core courses

Courses	Online	Toowoomba	Springfield
CSC5020 Foundations of Programming	1,2	1,2	

CIS5310 IS/ICT Project Management	1,2,3	1	1
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Software Development (4-unit)

Course	ONL	TWB	SPR
CSC5090 Foundations of IT Systems Administration	1,2	1,2	
CSC8710 Software Design and Modelling	2	2	
CSC8720 Programming Algorithms	1,2	1,2	
CSC8740 Client-side Web Technology	1,2	1,2	

Network Engineering (4-unit)

Course	ONL	TWB	SPR
CSC5050 Networking Foundations	1,2	1,2	
CSC8510 Internetworking	1,2	1,2	
CSC8520 Securing Networks	1,2	1,2	1
CSC8540 Routing and Switching	1,2	1	

Computing Technology (4-unit)

Course	ONL	TWB	SPR
CSC5050 Networking Foundations	1,2	1,2	
CSC5090 Foundations of IT Systems Administration	1,2	1,2	
CSC8520 Securing Networks	1,2	1,2	1
CSC8740 Client-side Web Technology	1,2	1,2	

IT requirements

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.

Exit points

Students enrolled in the Graduate Diploma of Information Technology program who wish to exit without completing the program may be awarded the [GCSC Graduate Certificate of Science](#) if they have completed a total of four units (excluding exemptions and credit transfers).

Credit

Exemptions/credit will be assessed based on the [USQ Credit and Exemption Procedure](#).

Software Development - recommended enrolment pattern - Semester 1 entry

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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
Year 1, Semester 1							
CSC5020 Foundations of Programming	1	1			1	1	
CIS5310 IS/ICT Project Management	1	1			1	1,2,3	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CSC5090 Foundations of IT Systems Administration	1	1			1	1	
Approved Course*	1	1			1	1	
Year 1, Semester 2							
CSC8710 Software Design and Modelling	1	2			1	2	
CSC8720 Programming Algorithms	1	2			1	2	Pre-requisite: CSC5020
CSC8740 Client-side Web Technology	1	2			1	2	Pre-requisite: CSC5020 and CSC5090
Approved Course*	1	2			1	2	

Footnotes

* Approved courses include any level 8000 CSC or CIS coded course, subject to pre-requisite satisfaction.

Software Development - recommended enrolment pattern - Semester 2 entry

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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
Year 1, Semester 2							
CSC5020 Foundations of Programming	1	2			1	2	
CIS5310 IS/ICT Project Management					1	2,3	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CSC5090 Foundations of IT Systems Administration	1	2			1	2	
CSC8710 Software Design and Modelling	1	2			1	2	
Year 2, Semester 1							
CSC8720 Programming Algorithms					2	1	Pre-requisite: CSC5020
CSC8740 Client-side Web Technology	2	1			2	1	Pre-requisite: CSC5020 and CSC5090
Approved Course*	2	1			2	1	
Approved Course*	2	1			2	1	

Footnotes

* Approved courses include any level 8000 CSC or CIS coded course, subject to pre-requisite satisfaction.

Network Engineering - recommended enrolment pattern - Semester 1 entry

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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
Year 1, Semester 1							
CSC5020 Foundations of Programming	1	1			1	1	
CIS5310 IS/ICT Project Management	1	1			1	1,2,3	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CSC5050 Networking Foundations	1	1			1	1	
CSC8510 Internetworking	1	1			1	1	Co-requisite: CSC5050
Year 1, Semester 2							
CSC8520 Securing Networks	1	2			1	2	Co-requisite: CSC5050 or CSC8100
CSC8540 Routing and Switching					1	2	
Approved course *	1	2			1	2	
Approved course *	1	2			1	2	

Footnotes

* Approved courses include any level 8000 CSC or CIS coded course, subject to pre-requisite satisfaction.

Network Engineering - recommended enrolment pattern - Semester 2 entry

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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
Year 1, Semester 2							
CSC5020 Foundations of Programming	1	2			1	2	
CIS5310 IS/ICT Project Management					1	2,3	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CSC5050 Networking Foundations	1	2			1	2	
CSC8510 Internetworking	1	2			1	2	Co-requisite: CSC5050
Year 2, Semester 1							
CSC8520 Securing Networks	2	1			2	1	Co-requisite: CSC5050 or CSC8100
CSC8540 Routing and Switching	2	1			2	1	
Approved Course *	2	1			2	1	
Approved Course *	2	1			2	1	

Footnotes

* Approved courses include any level 8000 CSC or CIS coded course, subject to pre-requisite satisfaction.

Computing Technology - recommended enrolment pattern - Semester 1 entry

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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
Year 1, Semester 1							
CSC5020 Foundations of Programming	1	1			1	1	
CIS5310 IS/ICT Project Management	1	1			1	1,2,3	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CSC5050 Networking Foundations	1	1			1	1	
CSC5090 Foundations of IT Systems Administration	1	1			1	1	
Year 1, Semester 2							
CSC8520 Securing Networks	1	2			1	2	Co-requisite: CSC5050 or CSC8100
CSC8740 Client-side Web Technology	1	2			1	2	Pre-requisite: CSC5020 and CSC5090
Approved Course*	1	2			1	2	
Approved Course*	1	2			1	2	

Footnotes

* Approved courses include any level 8000 CSC or CIS coded course, subject to pre-requisite satisfaction.

Computing Technology - recommended enrolment pattern - Semester 2 entry

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.

Course	Year of program and semester in which course is normally studied						Enrolment requirements
	On-campus (ONC)		External (EXT)		Online (ONL)		
	Year	Sem	Year	Sem	Year	Sem	
Year 1, Semester 2							
CSC5020 Foundations of Programming	1	2			1	2	
CIS5310 IS/ICT Project Management					1	2,3	Enrolment is not permitted in CIS5310 if CIS8010 has been previously completed.
CSC5050 Networking Foundations	1	2			1	2	
CSC5090 Foundations of IT Systems Administration	1	2			1	2	
Year 2, Semester 1							
CSC8520 Securing Networks	2	1			2	1	Co-requisite: CSC5050 or CSC8100
CSC8740 Client-side Web Technology	2	1			2	1	Pre-requisite: CSC5020 and CSC5090
Approved Course*	2	1			2	1	
Approved Course*	2	1			2	1	

Footnotes

* Approved courses include any level 8000 CSC or CIS coded course, subject to pre-requisite satisfaction.