

Bachelor of Information Technology (BITC) - BIT

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 903741; Springfield campus: 923741; External: 903745

CRICOS code (International applicants): 007490J



- demonstrate an understanding of project management principles and ability to use project management tools
- demonstrate effective communication skills (written, verbal) and interpersonal capabilities (teamwork)
- identify, collect, analyse and manage information for a broad range of information technology issues and challenges
- demonstrate an understanding of ethical standards and socially responsible information technology practices.

J^g|o

- be able to design, install, configure, troubleshoot, and maintain networks and their operating systems
- be able to install, configure and manage network, system, user, and security services
- demonstrate acquired skills in development of new systems to operate networks
- be able to interface networks with wide area networks such as the Internet and newer network architectures
- demonstrate sound knowledge of the operating systems that are used to provide services on networks, including at least Linux and Windows
- demonstrate detailed knowledge of the fundamental principles of database systems and be able to apply these using database software.

Admission requirements

Year 12 English [4 SA] or equivalent is required.

Candidates wishing to complete either the Applied Computer Science major or the Networking and Security major are recommended to study Mathematics at least to the level of Sound Achievement over four semesters in Queensland Senior (Year 12) Mathematics A or equivalent.

Candidates for admission to this program must satisfy the normal USQ entry requirements for undergraduate programs. Please refer to [USQ Admissions Policy](#).

All students are required to satisfy the applicable [English language requirements](#).

If you do not meet the English language requirements you may apply to study a University-approved [English language program](#). On successful completion of the English language program, you 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 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 normal USQ [grsay 78 s276 276.143 Tm\(vided the\)Tj1 0 0 1 144.lrmaly](#) be depending on the 2 0 0 1 5

Area of study	Number of units
Core Courses 8 core courses comprising: <ul style="list-style-type: none"> • 5 common courses • 3 major specific courses*# * Students taking the Information System Development major or Information Technology Management major should choose the core electives from a defined list of courses. # Students taking the Applied Computer Science major or Networking and Security major must take the nominated list of courses (MAT1101 , CSC2406 and CSC3600) as the three core electives.	8 units
Bachelor of Information Technology major (select one): <ul style="list-style-type: none"> • Applied Computer Science • Information Systems Development • Information Technology Management • Networking and Security. 	8 units
Plus one of the following: <ul style="list-style-type: none"> • 1 x 8-unit second major or • 2 x 4-unit minors or • 1 x 4-unit minor and 4 elective units. Students may complete a second major or up to two minors from other USQ undergraduate programs subject to pre-requisite requirements and approval of the Program Coordinator. Students may not complete more than 10 first-year level courses in the program.	8 units
Total	24 units

Required time limits

Students have a maximum of 9 years to complete this program.

Core courses

Course	Semester of offer Distance/Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
CIS1000 Information Systems Concepts	1, 2, 3	1, 2	1, 2, 3
CIS3002 Business Analysis~	1	1	
CMS1000 Communication and Scholarship	1, 2, 3	1, 2	1
CSC1401 Foundation Programming	1, 2, 3	1, 2	2
CSC2407 Introduction to Software Engineering^	2	2	

Footnotes

~ This course will be offered at Springfield campus from 2018.

^ This course will be offered at Springfield campus from 2017.

Compulsory courses per major:*

Applied Computer Science major and Networking and Security major

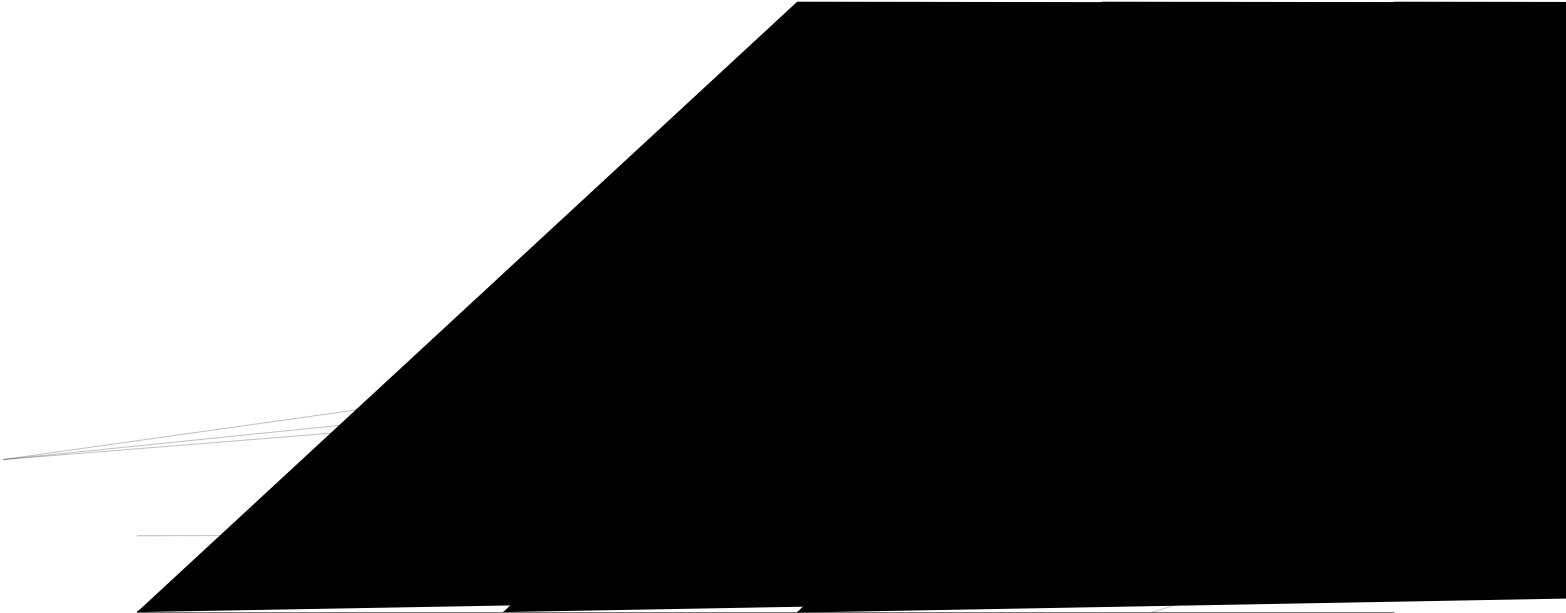
Course	Semester of offer Distance/Online	Semester of offer Toowoomba campus	Semester of offer Springfield campus
CSC2406 Web Technology 1^	2	2	
	1, 2	1, 2	

Footnotes

^ This course will be offered at Springfield campus from 2017.

~ This course will be offered at Springfield campus from 2018.

Information Technology Management major



Minor Studies

A minor study is a coherent group of four units of courses that provides students with an appropriate breadth of study in their program. All students, except those undertaking a second major, must complete a 4-unit minor study. Students who wish to take a minor study not listed in the recommended minors must obtain permission from the Faculty of Business, Education, Law and Arts. Before undertaking any course, the pre-requisite courses must be completed or exempted.

Please note:

When students select a minor(s), courses will only count towards that minor(s) if they have not already counted towards another selected major or minor. Not all minors are available on-campus at all campuses. Students may choose courses from those listed in the [Minor Studies](#) section of this Handbook. Enrolment requirements must be satisfied for any course selected.

Electives/Approved courses

Students not completing a double major must select 4 units of elective courses from courses offered at undergraduate level in the area of Business, Law or Sciences or, with the approval of the Faculty of Business, Education, Law and Arts, from other undergraduate courses offered at the University of Southern Queensland. Pre-requisite enrolment requirements must be satisfied for any course selected.

[CSC1402 Foundation Computing](#) will not be approved as an elective.

IT requirements

@ I ropb	Vb^o l c mo l do^ j ^ka pb j bpqbo fk t ef^ e ` l ropb fp klo j ^iiv pqrafba						Bkoli j bkq obnr fob j bkq
	Lk*^ ^ j m rp %LK@&		Buqbok^i %BUQ&		L kifkb %LKI&		
	Vb^o	Pb j	Vb^o	Pb j	Vb^o	Pb j	
							^ka ^q ib^pq .3 ` l ropbp fk ` irafkd pbsbk ?FQ@ ` lob ` l ropbp l qebo qe^k qefp ` l ropb+
Bib ` qsb.pb ` l ka j ^q lo ` l ropb	0	/			3	/	

Footnotes

- ^ This course will be offered at Springfield campus from 2017.
- ~ This course will be offered at Springfield campus from 2018.
- § This course will be offered at Springfield campus from 2019.
- ‡ This course will be offered in semester 1 at Springfield campus from 2019.