Bachelor of Information Technology (BITC) - BIT

QTAC code (Australian and New Zealand applicants): Toowoomba campus: 903741; Distance education: 903745

CRICOS code (International applicants): 007490J

	On-campus	**Distance education**
Semester intake:	Semester 1 (March) Semester 2 (July)	Semester 1 (March) Semester 2 (July) Semester 3 (November)
Campus:	Toowoomba	-
Fees:	Commonwealth supported place Domestic full fee paying place International full fee paying place	Commonwealth supported place Domestic full fee paying place International full fee paying place
Standard duration:	3 years full-time, up to 6 years part-time	

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- identify information needs appropriate to their area of specialisation and apply the techniques required to gather and interpret such information
- satisfy academic admission requirements for membership of relevant professional bodies
- proceed to higher studies.

Major objectives

Applied Computer Science major

- be able to interface networks with wide area networks such as the Internet and newer network architectures
- have a sound understanding of the operating systems that are used to provide services on networks, including at least Linux and Windows
- display a 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.
- 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.

Domestic and International Applicants from a non-English speaking background are required to satisfy 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, Applicants 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 meet the residency and citizenship requirements.
Australian citizens, Permanent Humanitarian

Area of study	Number of units
Core Courses - 5 compulsory courses common to all majors - 3 compulsory courses dependent on your major*# Students taking the Information System Dev	8 units

CSC3600 ICT Professional Project
ECO1000 Economics
ELE1301 Computer Engineering
FIN1101 Introduction to Corporate Finance
LAW1101 Introduction to Law
MAT1100 Foundation Mathematics
MAT1101 Discrete Mathematics for Computing
MGT1000 Organisational Behaviour
MKT1001 Introduction to Marketing
POL1000 Government, Business and Society
STA2300 Data Analysis

Major studies

All students in the Bachelor of Information Technology must complete at least one major study. A major study is a set of courses that make up a coherent, in-depth study of a specific discipline.

Double Major Studies

Students may choose to complete two majors from the Bachelor of Information Technology or they may choose to complete a second 8-unit major from the undergraduate degree programs in the area of Business, Law or Sciences. Alternately they may choose a major from the undergraduate degree programs in another area at the University of Southern Queensland. A program in which there is a first and second major is known as a 'double major'. Where a second major from another program contains less than 8 units, students must complete extra elective units, chosen from undergraduate courses offered at the University of Southern Queensland to ensure that their program contains 24 units in total. The sets of courses that mak

CIS2003 Component Based Software Development	S2 (ONC, EXT)
CIS3001 Object-Oriented Programming with Java	S1 (ONC, EXT)
CIS3003 Networks and Distributed Systems	S1 (ONC, EXT)
CIS3007 Enterprise Solutions Project	S2 (ONC, EXT)
CIS3010 Oracle Development	S2 (ONC, EXT)

Information Technology Management major

Course	Semester/Mode of Offer Toowoomba Campus	Semester/Mode of Offer Springfield Campus
CIS1101 Business Online	S2 (ONC, EXT), S3 (EXT)	
CIS2000 Systems Analysis and Design	S1 (ONC, EXT), S3 (EXT)	
CIS2002 Database Design and Implementation	S1 (ONC, EXT), S3 (EXT)	
CIS2005 Principles of Information Security	S2 (ONC, EXT)	
CIS3003 Networks and Distributed Systems	S1 (ONC, EXT)	
CIS3008 Information Technology Service Management	S1 (ONC, EXT)	
CIS3009 Enterprise Systems in Practice	S2 (ONC, EXT), S3 (EXT)	
Select one of the following courses:		
BUS3000 Work Integrated Learning	S1 (ONC, EXT), S2 (ONC, EXT)	S1 (ONC), S2 (ONC)
CIS3011 Information Systems Project*	S2 (ONC, EXT)	

Footnotes

*   CIS3011 replaces CIS2200 Advanced Office Applications: Access and Word from semester 1, 2011.

Networking and Security 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 Health, Engineering and Sciences. 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 ha

As a guide, full-time students should plan to undertake 8 courses per year and external students, who are in employment, a maximum of 6 courses per year, with a minimum of 4 courses per year. This is exclusive of any semester 3 enrolments. Students wishing to enrol in more than 4 courses per semester or more than 2 courses in semester 3 must obtain permission from the Faculty of Health, Engineering and Sciences.

Courses are normally offered on-campus and externally in the same semester. If a course is offered twice in one year, the second offering will normally be on an external basis only. Students undertaking the Bachelor of Information Technology may not enrol in any postgraduate courses.

Recommended Enrolment Pattern - Applied Computer Science

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

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Elective/second major course	3	2	5	2			
Elective/second major course	3	2	6	2			
Elective/second major course	3	2	6	2			

Recommended Enrolment Pattern - Information Technology Management

Students are able to enrol in any offered mode of a course (on-campus, distance education or online), regardless of the program mode of study they enrolled in.l28 328.672.016 4726 m250.116 475.96 m250.116 4959 l29190.612 l62.01

Recommended Enrolment Pattern - Networking and Security