Associate Degree of Information Technology

About Information Technology

IT is a field of study that provides students with future job opportunities and allows the freedom to express creativity and technical talents in a range of new and ever changing mediums.

Increase your versatility and employability with multidisciplinary skills in areas such as graphic design, interface design, usability, information architecture, web development, database development, programming and project management.

Cultivate the generic skills that are demanded by today's employers, such as interpersonal communication, teamwork, conflict-resolution, time-management, problem-solving, critical thinking and creativity.

CQU IT degrees will prepare you for a career in this exciting, fast-moving industry.

Career Opportunities

A career in Information Technology (IT) is fast-paced, challenging and dynamic. IT specialists are sought after in nearly every business or organisation and in a range of employment fields from finance, medicine, arts, education, the military, manufacturing to high-tech business. Job opportunities exist in Internet/web development, network/communication technology, programming, video gaming, data entry, systems analyst, database management, multimedia, data communications expert, software developer, computer technician or security officer.

What our students say...

When Brian Carroll realised his career was going nowhere, he knew he had to make a move. 'Basically, after several years as a labourer, five years in the Air Force and several years selling real estate and cars, I really had no useful qualifications. While I've always enjoyed whatever work I'm doing, I was starting to get the idea that I had no career and my working life wasn't really going anywhere.'

Brian found out about CQU's STEPS course and that set him on the path to a new career. 'I think it was the STEPS course that really helped me to realise that I could do anything that I wanted to.' Brian went on to do an Advanced Diploma of Information Technology and was offered a job before he'd even finished the course.

He is now a network administrator for Rio Tinto. 'I started out programming and then they asked me to lead several high profile projects, one of which was a network upgrade project worth $3.1 million. After I finished the network project, I was then asked to stay on as the network administrator for the site.'

Brian's new qualifications have spilled over into other areas of his life. He helps out with IT support at his Surf Life Saving Club and sits on an IT advisory committee at his local high school. Brian says the decision to improve his qualifications has been 'the best move I've ever made.'

Associate Degree of Information Technology
CA99

Duration: 2 years full-time, 4 years part-time
Availability:
Domestic - BDG; GLD; MKY; ROK External
International -   External
Courses/Units of Credit: 16 courses/96 units of credit
Faculty: Faculty of Business & Informatics
How To Apply:
Domestic students - QTAC; International students - direct to the University

Entry Requirements:
Domestic students - Prerequisites: English (4, SA);

International students - refer to the international student section

Accreditation:
The Faculty of Business and Informatics is seeking accreditation with the Australian Computer Society.

Post Nominal: ADIT
Contact:
Program Administrator on +61 7 4930 9511 or email paug -inf-fbi@cqu.edu.au

Program Aim:
The Associate Degree program is designed for students interested in an IT program that combines a solid core of IT content with a wide choice of electives. Electives can be chosen to prepare the student for employment in a target role; guidance will be provided to assist such students in their elective choices in a specialisation plan from the Bachelor of Information Technology. Alternatively, the student may prefer to select from a wider range of IT courses and acquire a broadly-based range of skills and experiences.

Career Options:
A career in Information Technology (IT) is fast-paced, challenging and dynamic. IT specialists are sought after in nearly every business or organisation and in a range of employment fields from finance, medicine, arts, education, the military, manufacturing to high-tech business. Job opportunities exist in Internet/web development, network/communication technology, programming, video gaming, data entry, systems analyst, database management, multimedia, data communications expert, software developer, computer technician or security officer.

Program Structure:
Students are required to complete:

- 12 core courses; and
- 4 elective courses.

12 core courses

Course Code	Course Name
COIS13064	Information Systems Project Management
COIT11118	Conceptual Foundations of Computing
COIT11134	Java Programming
COIT11222	Visual Programming
COIT11223	Ethics and Social Issues
COIT11224	Computing Systems
COIT11225	Data Communications
COIT11226	Systems Analysis & Specification
COIT12137	Objects and Data Structures
COIT12167	Database Use and Design
COIT12200	Systems Design
COMM11003	Professional and Technical Communication

4 Electives:

Course Code	Course Name
Network Services (choose 4 of 5 courses)	
COIT13146	Systems Administration
COIT13147	Networks
COIT13152	Operating Systems
COIT13211	Information Security
COIT13228	Managing & Securing Networks
Application Development (choose 4 of 5 courses)	
COIS12036	Human-Computer Interaction
COIT12144	Algorithms and Data Structures
COIT13143	Database Application Development
COIT13224	Internet Application Development
COIT13229	Applied Distributed Systems

Elective NOTE:

Electives may be chosen from the above specialisations. They may consist of all 4 courses from a specialisation or be a selection of any 4 courses.

Check the details:
Computing requirements
You will need access to a computer for your studies. Regular access to the Internet, email and a Microsoft Windows computer is required.

International students

If you are an international student, or a student who is not an Australian citizen, permanent resident, or New Zealand citizen, contact the Admissions Office in the city you wish to study to receive specific international student information. Visit http://www.international.cqu.edu.au for contact details and further information. International students must pay the full cost of their tuition and support and meet all other associated expenses.

English language proficiency requirements

To be eligible for admission to CQU's degree programs, in addition to academic prerequisites, international applicants are required to have an acceptable level of competence in writing, reading, speaking and understanding English.

Generally, students wishing to undertake undergraduate programs are required to have an overall IELTS band score of 6.0 (with no individualband score of less than 5.0), or a TOEFL score of 550 (Internet-basedscore of 79 or computer-based score of 213), including a TWE of 4.

For further information visit http://www.international.cqu.edu.au and click on "Apply to Study with CQU"

Our international student fees are established under the guidelines of the Australian Government with all fees meeting the Department of Education, Science and Training's minimum requirements. As a provider of international education, CQU is registered on the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS). International students studying in Australia may only enrol in programs that are registered with the government and display a CRICOS code.