

School of Engineering and Technology

CQ18 Bachelor of Information Technology

Network Security Major

Full Time Study Plan – Term 1 2019 onwards

Year	Unit Code	Unit Name	CP	Requisites	Ad. Stand	Comp Term /Status
Year 1	COIT11238**	Networked Infrastructure Foundations	6			T1 2019
	COIT11226**	Systems Analysis	6			T1 2019
	COIT11222**	Programming Fundamentals	6			T1 2019
	COIT11239**	Professional Communications for ICT	6	Anti-Req COMM11003		T1 2019
	COIT11237	Database Design & Implementation	6	Pre-Req COIT11226 Anti-Req COIT12167		T2 2019
	COIT11223**	Information Technology & Society	6	Co-Req COIT11239 OR COMM11003		T2 2019
	COIT11134	Object Oriented Programming	6	Pre-Req COIT11222		T2 2019
		<i>Elective (See Notes on Page 3)</i>	6			T2 2019
Year 2	COIS12036	Human Computer Interaction	6	Pre-Req COIT11222		T1 2020
	COIT12206	TCP/IP Principles & Protocols	6	Pre-Req COIT11233 OR COIT11238 Anti-Req COIT13147		T1 2020
	COIT12208	ICT Project Management	6	Pre-Req COIT11226		T1 2020
		<i>Elective (See Notes on Page 3)</i>	6			T1 2020
	COIT12201	Electronic Crime and Digital Forensics	6	Pre-Req (COIT11233 OR COIT11238) AND (COIT13147 OR COIT12206)		T2 2020
	COIT12202	Network Security Concepts	6	Pre-Req COIT12206 OR COIT13147		T2 2020
		<i>Elective (See Notes on Page 3)</i>	6			T2 2020
		<i>Elective (See Notes on Page 3)</i>	6			T2 2020
Year 3	COIS13229	Applied Distributed Systems	6	Pre-Req COIT11134		T1 2021
	COIT13146	System & Network Administration	6	Pre-Req COIT12206 OR COIT13147		T1 2021
		<i>Elective (See Notes on Page 3)</i>	6			T1 2021
		<i>Advanced Elective (See Notes on Page 4)</i>	6			T1 2021
	COIT13236	Network Security Project	12	Pre-Req & Co-Req Refer to Handbook		T2 2021
		<i>Advanced Elective (See Notes on Page 4)</i>	6			T2 2021
		<i>Advanced Elective (See Notes on Page 4)</i>	6			T2 2021
Total	23 Units		144			

** Available over Term 3

✓ Completed

CP = Credit Points

For information on the terminology used in the above study plan, please refer to the Glossary on the last page of this document.

MORE DETAILS:

To satisfy the requirements for the award of CQ18 Bachelor of Information Technology (Network Security), students must complete 23 units (144 credit points).

Recommended Study Schedule

Students should complete units in an order that is as close as possible to the recommended structure set out in this study plan. Students should concentrate on completing all first year units before moving on to second year units, and all second year units before moving on to third year units.

Course Structure Requirements

In the CQ18 Bachelor of Information Technology, students are required to complete the following course structure:

- 8 Core Units
- 7 Major Units
- 8 Elective Units

Course Duration Requirements

Full Time Duration 3 years full time

Part Time Duration 6 years part time

Please also note that if you fail units or take a Leave of Absence, your course duration and completion timeframe may be extended.

Interim Awards CG36 Diploma of Information and Communications Technology
CA99 Associate Degree of Information Technology

Exit Awards CG36 Diploma of Information and Communications Technology
CA99 Associate Degree of Information Technology

Professional Accreditation

- Australian Computer Society (ACS) - Professional level.
- Please note: the ACS accredits each campus individually, therefore students should check the current status of accreditation for newly established locations.
- For enquiries concerning eligibility or membership, please refer to the ACS official website:
- www.acs.org.au.

Deferment/Leave of Absence

Domestic students in the Bachelor of Information Technology degree are permitted to defer the initial offer of their degree for a maximum of 12 months before their offer is withdrawn. Furthermore, domestic students may also take an approved Leave of Absence (LOA) once they have commenced their course of study however only a maximum of 12 months can be granted without requesting further approval from the Head of Course.

You can apply for a deferment or LOA [here](#).

International students are not permitted to defer their initial offer or take a Leave of Absence unless otherwise discussed with their Home Campus.

Credit Transfer

If you have undertaken study in the last ten years, or have relevant in-formal or non-formal learning, you may be eligible for credit towards your course. Please note that some courses have reduced timeframes within which prior study remains eligible for credit. Please refer to the [CQUni Handbook](#) for specific credit time limits relating to your course.

To submit an application for credit, please refer to the [Credit Calculator](#) or contact the Academic Pathways Team via their email credit@cqu.edu.au. Further information about the credit process can also be found on the [Credit for Prior Learning](#) webpage.

Credit applications should be submitted at least four (4) weeks before the relevant term commences. Applications must be complete with all supporting documentation to be assessed by CQUniversity. CQUniversity cannot obtain documents from other institutions, organisations or individuals.

Major Information

Students in the CQ18 course have the option of selecting one of three different Majors. Those Majors are listed below:

- Application Development
- Business Analysis
- Network Security

Each Major has seven 6 credit point Core Major Units and one 12 credit point Core Major Project Unit that students must complete in order to satisfy the requirements of that Major.

Electives

- Electives may include recommended electives as listed below
- Electives may include any unit from the Bachelor of Information Technology majors as listed above provided all pre-requisites have been met
- No more than 5 units may be Level 1 (e.g. COIT11239).
- Students may choose to do any of the following as electives:
 - COIT12204 Web Site Development
 - BUSN19024 Professional Practice Preparation
 - COIS11011 Foundations of Business Computing.
 - COIS13034 Cloud Based Smart Applications Management
 - COIT12209 Data Science
- Electives may also be chosen from other CQUni undergraduate courses, provided requisites are met.

Advanced Level Elective Information:

- To satisfy university rules students will need to take at least three Advanced Level electives. Advanced Level units have a unit number beginning with "12", "13" or "19", for example, COIS13034.
- Students are advised to seek advice from a Course Advisor regarding their elective units if they're unsure.

Internship Information

- Students undertaking an internship will enrol in the unit COIT13239 Undergraduate ICT Internship instead of the capstone unit COIT13236 Network Security Project.
- Students who elect to take the internship option instead of a capstone unit should refer to the study schedule posted on the Moodle site "School of Engineering and Technology Internships" (SET Internships).
- Students undertaking this option are strongly encouraged to contact the Course Advice Team regarding their study plan.
- Please note that CQ18 internships are currently only available for international students.

If you have any questions about your course, please contact the Course Advice Team: spc@cqu.edu.au or by visiting <http://handbook.cqu.edu.au/eforms/index> and filling out the 'Ask a Course Advisor' e-form.

PLEASE CHECK THE CQUNI HANDBOOK FOR ALL TERM AVAILABILITIES AND PRE-REQUISITES AS THEY MAY CHANGE FROM YEAR TO YEAR <http://handbook.cqu.edu.au>

GLOSSARY

- **Course**: A course is the combination of units that contribute towards either a CQUniversity award qualification or non-award study.
- **Course Code**: A course code identifies the specific course a student may be studying at CQUniversity.
- **Unit**: A unit is the individual subject students must complete in order to graduate from their course.
- **Unit Code**: A unit code identifies a specific unit that a student is enrolled in under their course.
- **Pre-Requisite (Pre-Req) Unit**: A pre-req unit is a unit which students must pass before being allowed to enrol in the subsequent unit.
- **Co-Requisite (Co-Req) Unit**: A co-req unit is a unit that must be studied at the same time as another unit.
- **Anti-Requisite (Anti-Req) Unit**: An anti-req unit is an old unit that has been replaced by a new unit and students are not permitted to study the old unit.
- **Credit Points (CP)**: Credit Points are the numerical value of a unit which contributes to the total Credit Points for a course.
- **Core Unit**: A core unit is a compulsory unit that a student must study to meet the requirements of their course.
- **Elective Unit**: An elective unit is a unit within a course that is not compulsory and students may have a choice in what unit they study, provided it meets the elective requirements of their course.
- **Major**: A major is a specific area within a course where a student specialises in and is normally made up of 8 units for undergraduate courses, and 4 units for postgraduate courses. Not all courses have majors.
- **Double Major**: A double major is where students specialise in 2 areas of study and is normally made up of 16 units. Double majors are normally only available in undergraduate courses.
- **Minor**: Like a major, a minor is a specific area within a course where a student specialises and is normally made up of 4 units.
- **Term**: A specified period of time for higher education units in which teaching, learning and assessment occurs. CQUniversity offers 3 Academic Terms per year: Term 1, Term 2 and Term 3.