

# School of Engineering and Technology

## CQ18 Bachelor of Information Technology

### Application Development Major

### Full Time Course Planner – Term 2 2019 onwards

Year	Unit Code	Unit Name	CP	Requisites	Ad. Stand	Comp Term /Status
Year 1	COIT11222**	Programming Fundamentals	6			T2 2019
	COIT11226**	System Analysis	6			T2 2019
	COIT11223**	Ethics and Social Issues	6	Co-Req COIT11239 or COMM11003		T2 2019
	COIT11239**	Professional Communications for ICT	6	Anti-Req COMM11003		T2 2019
	COIT11238**	Networked Infrastructure Foundations	6			T1 2020
	COIS12036	Human Computer Interaction	6	Pre-Req COIT11222		T1 2020
	COIT11134	Object Oriented Programming	6	Pre-Req COIT11222		T1 2020
	COIT11237	Database Design & Implementation	6	Pre-Req COIT11226 Anti-Req COIT12167		T1 2020
Year 2	COIT12207	Internet Applications	6	Yes – see <a href="#">CQUni Handbook</a>		T2 2020
	COIT12208	IT Project Management	6	Pre-Req COIT11226		T2 2020
		<i>Advanced Elective (See Notes on Page 3)</i>	6			T2 2020
		<i>Advanced Elective (See Notes on Page 3)</i>	6			T2 2020
	COIT12200	Software Design & Development	6	Yes – see <a href="#">CQUni Handbook</a>		T1 2021
		<i>Elective (See Notes on Page 3)</i>	6			T1 2021
		<i>Elective (See Notes on Page 3)</i>	6			T1 2021
		<i>Elective (See Notes on Page 3)</i>	6			T1 2021
Year 3	COIT13230	Application Development Project	12	Yes – see <a href="#">CQUni Handbook</a>		T2 2021
	COIT13235	Enterprise Software Development	6	Yes – see <a href="#">CQUni Handbook</a>		T2 2021
		<i>Advanced Level 3 Elective (See Notes on Page 3)</i>	6			T2 2021
	COIT13229	Applied Distributed Systems	6	Pre-Req COIT11134		T1 2022
	COIT13234	Mobile Software Development	6	Pre-Req COIT11134		T1 2022
		<i>Elective (See Notes on Page 3)</i>	6			T1 2022
		<i>Advanced Elective (See Notes on Page 3)</i>	6			T1 2022
<b>Total Units: 23</b>			<b>144</b>			

\*\* Available over Term 3

\* Compulsory Residential School

# Optional Residential School

^ Alternate Years

✓ Completed

CP = Credit Points

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

**Important Note:** This Course Planner has no formal or legal status but is used to assist students in planning their course.

Students should refer to the official University database and/or University transcripts to ensure they are meeting course requirements.

Last Updated: 08/01/2019

## MORE DETAILS:

To satisfy the requirements for the award of CQ18 Bachelor of Information Technology, 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 course planner. 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

Part Time Duration                      6 Years

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. The ACS accredits each campus individually, and students should check the current status of accreditation of newly established locations.

For enquiries concerning eligibility or membership, please refer to the ACS official website: <http://www.acs.org.au/>

## Deferment/Leave of Absence

Domestic students in the CQ18 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](mailto: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

CQ18 Bachelor of Information Technology has three Majors. These are:

- Application Development Major
- Business Analysis Major
- Network Security Major

## Electives

Students in the CQ18 Bachelor of Information Technology course must successfully complete a total of 8 Elective units. Students may choose these Elective units from the list below and/or from any courses offered by CQUniversity:

- COIT12204 Web Site Development
- COIS11011 Foundations of Business Computing
- COIS13034 Cloud Based Smart Applications Management
- BUSN19024 Graduate Employability Skills
- COIT12209 Data Science

To satisfy CQUniversity rules, students in each Major need to adhere to the following regarding Elective selection:

**Network Security** and **Business Analysis** Majors – need to take at least three Level 3 Elective Units; and  
**Application Development** Major – need to take at least one Level 3 Elective Unit.

- Undergraduate Level One Unit Codes begin with a “11” (e.g. MRKT11029)
- Undergraduate Advanced Level Unit Codes begin with either a “12”, “13”, or “19” (e.g. MGMT19128)

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Students should refer to the official University database and/or University transcripts to ensure they are meeting course requirements.

Last Updated: 08/01/2019

## Practicum/Work Integrated Learning (WIL) Requirements

Students are able to undertake discipline capstone units while working with industry partners. The capstone units are COIT13230 Application Development Project, COIT13232 Business Analysis Project and COIT13236 Network Security Project.

## Internship Information

COIT13239 Undergraduate ICT Internship - Students have the option of undertaking an internship instead of the capstone units COIT13230, COIT13232 and COIT13236.

If you have any questions about your course, please contact the Course Advice Team: [spc@cqu.edu.au](mailto: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.