

## School of Engineering and Technology

### CG99 Bachelor of Information Technology (Co-Op)

#### Application Development 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
	COIT11239 **	Professional Communications Skills for ICT	6	Anti-Req COMM11003		T1 2019
	COIT11226 **	System Analysis	6			T1 2019
	COIT11222 **	Programming Fundamentals	6			T1 2019
	COIT11237	Database Design & Implementation	6	Pre-Req COIT11226 Anti-Req COIT12167		T2 2019
	COIT11223 **	Information Technology and 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
	COIT12200	Software Design & Development	6	Pre-Req COIT11134 and COIT11237		T1 2020
		<i>Elective (See Notes on Page 3)</i>	6			T1 2020
		<i>Elective (See Notes on Page 3)</i>	6			T1 2020
	COIT12207	Internet Applications	6	Pre-Req COIT11237, COIT11222 and COIS12036 Anti-Req COIT13224		T2 2020
	COIT12208	ICT Project Management	6	Pre-Req COIT11226		T2 2020
	COIT13238 **	Industry Work Placement	12	Pre- Req 72 Units of Credit		T2 2020
Year 3	COIT13234	Mobile Software Development	6	Pre-Req COIT11134		T1 2021
	COIT13229	Applied Distributed Systems	6	Pre-Req COIT11134		T1 2021
		<i>Elective (See Notes on Page 3)</i>	6			T1 2021
		<i>Elective (See Notes on Page 3)</i>	6			T1 2021
	COIT13230	Application Development Project	12	Pre-Req COIT12200, COIT12207 and COIT12208 Co-Req COIT13229 and COIT13234		T2 2021
	COIT13235	Enterprise Software Development	6	Pre-Req COIT11134 and COIT11237		T2 2021
		<i>Advanced Elective (See Notes on Page 4)</i>	6			T2 2021
<b>Total Units: 22</b>			<b>144</b>			

\*\* 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.**

**Important Note:** This Study Plan 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.

## MORE DETAILS:

To satisfy the requirements for the award of CG99 Bachelor of Information Technology (Co-Op) (Application Development), students must complete 22 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 CG99 Bachelor of Information Technology (Co-Op) (Application Development), students are required to complete the following course structure:

- 9 Core Units
- 7 Major Units
- 6 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 for newly established locations.

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

## Deferment/Leave of Absence

Domestic students in the Bachelor of Information Technology (Co-Op) 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

Students in the CG99 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

Students in the CG99 Bachelor of Information Technology (Co-Op) course must successfully complete a total of 6 Elective units.

**Recommended electives** for this course are:

- COIT12204 Website Development (COIT12167 or COIT11237) and COIS12036)
- BUSN19024 Graduate Employability Skills (48 Units of credit)
- COIS11011 Foundations of Business Computing
- COIS13034 Cloud Based Smart Applications Management (COIT11222 and COIT11238)
- COIT12209 Data Science (Pre-req COIT11226 and Co-req COIT112347)
- Units may be taken from other CG99 specialisations or from any courses offered by CQUniversity, provided prerequisites have been met.
- No more than 5 Electives may be at Level 1 (e.g. units coded 11xxx, eg. COIT11134).

### Advanced Level Elective Information:

- To satisfy university rules students will need to take at least 1 Advanced Level elective. 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 COIT13230 Application Development 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 CG99 internships are currently only available for international students.

### Practicum / Work Requirements

#### *COIT13238 Industry Work Placement*

Students must undertake an industry placement. The normal duration of the placement is six months. The minimum placement duration is four months. Placements shorter than six months will be exception cases. Students may need to travel to and arrange appropriate accommodation in the location of the placement.

Students who do not obtain a work placement cannot complete an additional 2 electives required to complete the course. Students who do not achieve a placement will need to transfer to CQ18 BIT to be complete their course.

Please note that applications to change course must be received a minimum of two weeks prior to the commencement of the following term. Students cannot apply to change courses when they are already in their final term.

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.