

## School of Engineering and Technology

### CC31 Bachelor of Engineering (Honours)

#### Mining Major

#### Full Time Study Plan – Term 1 2019 onwards

Year	Unit Code	Unit Name	CP	Requisites	Ad. Stand	Comp Term /Status
Year 1	ENEG11005*	Fundamentals of Professional Engineering	12			T1 2019
	MATH11218	Applied Mathematics	6	Anti-Req: MATH12223 and MATH12224		T1 2019
	ENEG11006#	Engineering Statics	6			T1 2019
	ENEG11007	Engineering Industry Project Investigation	6	Pre-Req: ENEG11005 or ENEG11001		T2 2019
	ENEG11008*	Materials for Engineers	6			T2 2019
	ENEG11009*	Fundamentals of Energy and Electricity	6			T2 2019
	MATH11219#	Applied Calculus	6	Pre-Req: MATH11218 Anti-Req: MATH12223 or MATH12224		T2 2019
Year 2	ENEG12007	Design and Project Management	6	Pre-Req – <a href="#">See CQUni Handbook</a>		T1 2020
	ENAR12014	Introduction to Mining Technology and Mineral Processing	6			T1 2020
	ENEM12010	Engineering Dynamics	6	Pre-Req: ENEG11006 and MATH11219		T1 2020
	MATH12222	Advanced Mathematical Applications	6	Pre-Req: MATH11219		T1 2020
	ENEM12006**	Fluid Mechanics	6	Pre-Req: MATH11219 and (ENEG11006 or ENEM12007) and (ENEG11009 or PHYS11185)		T2 2020
	ENAR12013**	Mine Planning and Design	6			T2 2020
	ENEC12008**	Geotechnical Engineering	6	Pre-Req: (ENEG11006 or PHYS11184 or ENAG11005) and (MATH11218 or MATH11160)		T2 2020
	STAT11048	Essential Statistics	6			T2 2020
<b>Total Units: 15</b>			<b>96</b>			

\*\* Available over Term 3

\* Compulsory Residential School

# Optional Residential School

✓ Completed

CP = Credit Points

**DISCLAIMER:** Students must enrol and transfer unit credits via QTAC to the University of Queensland where they complete their final two years of study in Mining Engineering.

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 CC31 Bachelor of Engineering (Honours) (Mining), students must complete 15 units (96 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 CC31 Bachelor of Engineering (Honours), students are required to complete the following course structure:

- 7 Core Units
- 8 Major Units

**\*\*NOTE:** After successfully completing the first two years of study at CQUniversity completing the Core units and the units listed below, students then enrol and transfer their unit credits via QTAC to the University of Queensland where they complete their **final two years** of study in mining engineering.

**Please note:** Mining students need to apply directly to QTAC for third year entry and credit towards a University of Queensland mining engineering degree. The **University of Queensland does not offer its units in distance mode** so students beginning this major will need to be physically located in Brisbane for the final two years of their study.

### Course Duration Requirements

Full Time Duration                      4 years (2 Years at CQUniversity)

Part Time Duration                      8 years (4 Years at CQUniversity)

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**                              Interim Awards do not exist for this course

**Exit Awards**                                      Exit Awards do not exist for this course

### Professional Accreditation

The Civil, Electrical and Mechanical Majors of the CC31 Bachelor of Engineering (Honours) course are accredited by Engineers Australia as meeting Stage 1 Competency Standard for Professional Engineers.

## Deferment/Leave of Absence

Domestic students in the Bachelor of Engineering (Honours) 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.

## Residential Schools

Students studying via Distance education may be required to attend compulsory on-campus residential schools and have been marked with an asterisk (\*) in the above study plan.

The units that require a compulsory residential school must be enrolled in as "Mixed Mode" under the unit availabilities in MyCentre.

For more information on the various units containing residential schools, please refer to the following link in the CQUni Handbook: <https://handbook.cqu.edu.au/resschools/index> or contact the Unit Coordinator directly.

Unit Coordinator contact information can be found via the Unit Profiles in the following link: <https://my-courses.cqu.edu.au/pub/profiles/search>

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.