# School of Engineering and Technology

## CC31 Bachelor of Engineering (Honours)(Mining)

Full Time Course Planner – Term 2 2019 onwards

<table>
<thead>
<tr>
<th>Year</th>
<th>Unit Code</th>
<th>Unit Name</th>
<th>CP</th>
<th>Requisites</th>
<th>Adv. Stand</th>
<th>Comp Term/Status</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>ENEG11009**</td>
<td>Fundamentals of Energy and Electricity</td>
<td>6</td>
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<td>T2 2019</td>
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<tr>
<td></td>
<td>MATH11218</td>
<td>Applied Mathematics</td>
<td>6</td>
<td>Anti-Req MATH12223 or MATH12224</td>
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<td>T2 2019</td>
</tr>
<tr>
<td></td>
<td>ENEG11008**</td>
<td>Materials for Engineers</td>
<td>6</td>
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<tr>
<td></td>
<td>MATH11219</td>
<td>Applied Calculus</td>
<td>6</td>
<td>Pre-Req Refer to Handbook</td>
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<tr>
<td></td>
<td>ENEG11006**</td>
<td>Engineering Statics</td>
<td>6</td>
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<td></td>
<td>ENEG11005**</td>
<td>Fundamentals of Professional Engineering</td>
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<tr>
<td></td>
<td>ENAR12014</td>
<td>Introduction to Mining Technology and Mineral Processing</td>
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<td></td>
<td>ENEM12006**</td>
<td>Fluid Mechanics</td>
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<td>Pre-Req Refer to Handbook</td>
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<tr>
<td></td>
<td>ENAR12013**</td>
<td>Mine Planning and Design</td>
<td>6</td>
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<td>ENEC12008**</td>
<td>Geotechnical Engineering</td>
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<td>Pre-Req Refer to Handbook</td>
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<tr>
<td></td>
<td>ENEG11007</td>
<td>Engineering Industry Project Investigation</td>
<td>6</td>
<td>Pre-Req ENEG11005 or ENEG11001</td>
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<tr>
<td></td>
<td>MATH12222</td>
<td>Advanced Mathematical Applications</td>
<td>6</td>
<td>Pre-Req MATH12219</td>
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<td></td>
<td>ENEG12007</td>
<td>Design and Project Management</td>
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<td>Pre-Req Refer to Handbook</td>
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<td>STAT11048</td>
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<td>ENEM12010</td>
<td>Engineering Dynamics</td>
<td>6</td>
<td>Pre-Req ENEG11006 and MATH11219</td>
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<td>T1 2021</td>
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</tbody>
</table>

** Available over Term 3
* Compulsory Residential School
# Optional Residential School
^ Alternate Years
✓ Completed
CP = Credit Points

Total Units: 15

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**DISCLAIMER:** After successfully completing the first two years of study at CQU with 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 by Online studies** so students beginning this major will need to be physically located in Brisbane for the final two years of their study.

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**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: 04/01/2019
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 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 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 CQU, 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 by Online studies 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 CQU)

Part Time Duration

8 years (4 Years at CQU)

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

Exit Awards

CL42 Diploma of Engineering Studies

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 CQU 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.

Residential Schools

Students studying via Online studies may be required to attend compulsory on-campus residential schools and have been marked with an asterisk (*) in the above course planner.

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 CQU 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 or by visiting http://handbook.cqu.edu.au/eforms/index and filling out the ‘Ask a Course Advisor’ e-form.

PLEASE CHECK THE CQU 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 CQUUniversity award qualification or non-award study.

- **Course Code**: A course code identifies the specific course a student may be studying at CQUUniversity.

- **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. CQUUniversity offers 3 Academic Terms per year: Term 1, Term 2 and Term 3.