Welcome to the Faculty of Engineering, Architecture and Information Technology.

Executive Dean
Professor Vicki Chen
BSc, PhD

Associate Dean (Academic)
Dr Liza O’Moore
BE(Hons), PhD, GCEd

Deputy Associate Dean Academic
Dr Philip Terrill
BE(Hons), PhD

Deputy Associate Dean Academic
Associate Professor Saiied Aminossadati
BE, MEng, PhD, GCHEd

First Year Academic Advisor
Professor Caroline Crosthwaite
BE, MEngSt, MSc

First Year Engineering Project Leader
Ms Angela Bushell
BE, MICD

Coordinator First Year Student Experience
Ms Lisa Deacon

Administrative Officer First Year Student Experience
Miss Sheryl Owens

ENGG1211 Coordinator
Dr Stephen Hall
BE, MEngSci, PhD, MSAE

ENGG1300 Coordinator
Dr Negareh Ghasemi
BSc, MSc, PhD

ENGG1400 Coordinator
Professor David Mee
BE, PhD

ENGG1500 Coordinator
Professor Peter Halley
BE, PhD, GCHEd

We’re here to help.
## Contents

Use the checklist and work your way through the guide.

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<th>Plan ahead</th>
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<th>Sign-on for classes</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>- update your diary</td>
<td>Add your EAIT Orientation Events!</td>
<td>BE (Hons) Choosing a Major</td>
<td>- Dual Degrees</td>
<td>Class adjustment period: Opens 28th July</td>
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### Read up on more information

- Compulsory BE (Hons) requirement
- BE (Hons)/ME
- Academic advice
- Student employability
- Studying overseas
- Scholarships & prizes
- The First Year Engineering Mentor Program
- Memberships & Student societies
- Equity & diversity
- Do you need help?
- Terminology explained
### What’s on

Let’s help you get ready for Semester 2!

**Bachelor of Engineering (Hons) Welcome and Advice Seminar**
An essential academic advice seminar followed by the opportunity to speak to an academic for specific advice.

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<thead>
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<th>Monday</th>
<th>Tuesday</th>
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<td><strong>IT Help Session</strong>&lt;br&gt;12pm–1pm</td>
<td><strong>Timetable Support Session</strong>&lt;br&gt;10am–12pm</td>
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<tr>
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<td><strong>Welcome to the Faculty of EAIT</strong>&lt;br&gt;1pm–1.45pm</td>
<td>Join a FYELC Mentor for top tips and timetable support. uqz.zoom.us/j/99137894510</td>
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<td><strong>Program and Orientation Sessions</strong>&lt;br&gt;1.45pm–3.45pm</td>
<td><strong>EAIT Networking Expo!</strong>&lt;br&gt;3.45pm–5.30pm</td>
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<td><strong>Support for International Students</strong>&lt;br&gt;3.45pm–4.30pm</td>
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</table>
Step 2

Compulsory Quiz

Find out your strengths. Review the knowledge you need.

Students entering the first year of engineering bring different levels of knowledge and experience. Some have studied Maths C, Physics and Chemistry whilst others may have only studied one of these subjects.

In addition, there can be variation in the curricula offered by domestic and international schools. This can mean that some students may have skill sets that require additional support to assist with their transition to university.

The information gained through the **Get Set Quiz** is used in a number of ways:

- The overall cohort knowledge is fed back to first year lecturers so they can tailor their lectures appropriately;
- An individual report is generated indicating where you may need to do some revision and directing you to relevant resources;
- You will become aware of the knowledge expectations for first year engineering and can revise accordingly;
- You may also find that the information helps with selecting your courses.

Results are not used for assessment purposes.

---

1. Grab a pen and paper.
3. Log on using your UQ login and password and follow the prompts.

63% who completed last year’s Quiz had a GPA > 5.
GPA = Grade Point Average; 4 = Pass, 7 = High distinction

86% who completed the 2019 Quiz passed all their courses.

---

**Academic Integrity Tutorial**

Get a head start. Complete the Academic Integrity Tutorial.

It’s **compulsory** for all students.
Choosing a Major

For your BE (Hons) you must attain 64 units. Most courses are worth 2 units. If you do 4 courses a Semester, that’s 8 units a Semester, or 16 units a year, so the BE (Hons) is a four year program.

There are three methods of specialisation in Engineering: Single Major, Dual Major and Extended Major (see table).

You need to think carefully about your choice, as it will affect the number and type of electives you can select.

You can choose ‘Flexible First Year’ in your first year. The first year of engineering is designed to help you make this choice.

If you are in the BE (Hons) or dual, you can apply to change to the BE (Hons) / ME after completing 16 units (one year). Go to: eait.uq.edu.au/be-me

Extended and Dual Majors have specific requirements. Please visit uq.edu.au/study for further details.

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<th>BE (Hons)</th>
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*From a specified list – Refer uq.edu.au/study

Need help choosing a major?

Book a conference call with your first year BE (Hons) Academic Advisor.

e Yrleng@uq.edu.au
Dual Degree Programs

Dual Degree programs give you the opportunity to broaden your education and experience. However, you will need to plan your degree in full now so things go smoothly.

Dual degrees are not available with the integrated BE(Hons)/ME – this is already a combination of two degrees.

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<th>Dual Degree</th>
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<th>BE (Hons) / BBusMan</th>
<th>BE (Hons) / BBioTech</th>
<th>BE (Hons) / BEcon</th>
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* Not all BSc majors are possible with all BE (Hons) majors. For further advice, see your academic advisor.

**NOTE:** Only with the BE (Hons) /BSc or the BE (Hons)/BMath can you still choose any BE (Hons) Major, Extended Major, Dual Major or Major and Minor.

BA Bachelor of Arts
BBiotech Bachelor of Biotechnology (Hons)
BBusMan Bachelor of Business Management
BCom Bachelor of Commerce
BCompSc Bachelor of Computer Science
BEcon Bachelor of Economics
BinTech Bachelor of Information Technology
BMath Bachelor of Mathematics
BSc Bachelor of Science

BE (Hons) dual program students cannot enrol in some courses. Specific restrictions apply to: ECON1050, ECON1310, STAT1201 and PHYS1001 as these courses are covered in the BE (Hons); you may not receive credit for them.

BE (Hons) with BEcon, BBioTech (Hons), BInfTech, BCompSc, please note: Students without Mathematics C and/or another high school prerequisite may be required to undertake preparatory courses beyond the 88 units, and may not be able to complete the program in the minimum time frame without overloading or undertaking summer study.

What you need to do:
Call (07) 3346 7881 or email Yr1eng@uq.edu.au to arrange an academic advisors appointment.

More info: eait.uq.edu.au/be-dual-programs
Choose your courses

First year engineering at UQ is a general foundation year. In second year, you declare your engineering major (e.g. Mechanical & Materials, Electrical etc.).

**Use these two pages like a checklist.**

**WARNING**
- Choosing courses is not simple! It requires careful planning.
- Dual degrees are even more difficult (page 7).

1. Complete ALL of Part A:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Semester(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGG1211</td>
<td>Engineering Design, Modelling and Problem Solving</td>
<td></td>
<td>Semester 2 and Summer Semester</td>
</tr>
<tr>
<td>MATH1051</td>
<td>Calculus &amp; Linear Algebra I</td>
<td>Prerequisite: Maths C or MATH1050</td>
<td>Semester 2 if you have done Maths C (&gt;SA)</td>
</tr>
<tr>
<td>MATH1052</td>
<td>Multivariate Calculus &amp; Ordinary Differential Equations</td>
<td>Prerequisite: Maths C or MATH1050; MATH1051 (recommended)</td>
<td>Summer Semester</td>
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</tbody>
</table>

2. Complete at least one of Part B:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisites</th>
<th>Semester(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGG1300</td>
<td>Introduction to Electrical Systems</td>
<td>Recommended Prerequisites: Maths C &amp; High School Physics</td>
<td>Semester 2</td>
</tr>
<tr>
<td>ENGG1400</td>
<td>Prerequisite: Maths C or MATH1050; MATH1051 (recommended)</td>
<td>Prerequisite: Maths C (&gt;SA) or MATH1050</td>
<td>Semester 2</td>
</tr>
<tr>
<td>ENGG1500</td>
<td>Engineering Thermodynamics</td>
<td>Recommended Prerequisite: High School Physics or PHYS1171</td>
<td>Semester 2</td>
</tr>
</tbody>
</table>

**Prerequisite** = knowledge and skills required before taking the course. For example, you must have achieved greater than a Sound (SA) in Maths C at high school (or equivalent) before you enrol in MATH1051.

**International students are expected to maintain a full-time enrolment of 4 courses (8 units) per Semester and must seek academic advice before cancelling enrolment in any course.**

**NEED HELP?**
- Book a conference call with your BE (Hons) Academic Advisor.
  e Yr1eng@uq.edu.au
### 3. Complete high school make-up courses from Part D as relevant:

You must complete MATH1050 if you have not completed Maths C (>SA) or equivalent. CHEM1090 and PHYS1171 are necessary if you are planning on doing a university level chemistry or physics course respectively and you did not complete a high school level course.

<table>
<thead>
<tr>
<th>Code</th>
<th>Course</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td>CHEM1090</td>
<td>Introductory Chemistry = High School (Senior) Chemistry</td>
<td>*Not available if you have HA or higher in Senior Chemistry. You will need EAIT Faculty permission to enrol in CHEM1090. (Email: <a href="mailto:enquiries@eait.uq.edu.au">enquiries@eait.uq.edu.au</a>) Semester 1 only. Need to complete this course? Call 07 3346 7881 for some advice.</td>
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<tr>
<td>MATH1050</td>
<td>Mathematical Foundations = High School Maths C</td>
<td>*Not available if you have HA or higher in Maths C. Semester 2</td>
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<tr>
<td>PHYS1171</td>
<td>Physical Basis of Biological Systems = High School (Senior) Physics</td>
<td>*Not available if you have HA or higher in Senior Physics. You will need EAIT Faculty permission to enrol in PHYS1171. (Email: <a href="mailto:enquiries@eait.uq.edu.au">enquiries@eait.uq.edu.au</a>) Semester 2</td>
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### 4. Select electives from Part C as applicable:

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</thead>
<tbody>
<tr>
<td>BIOL1040</td>
<td>Cells to Organisms</td>
<td>Semester 2</td>
</tr>
<tr>
<td>CHEM1100</td>
<td>Chemistry 1</td>
<td>Prerequisite: Senior Chemistry or CHEM1090</td>
</tr>
<tr>
<td>CSSE1001</td>
<td>Introduction to Software Engineering</td>
<td>Semester 2</td>
</tr>
<tr>
<td>PHYS1002</td>
<td>Electromagnetism and Modern Physics</td>
<td>Prerequisite: Senior Physics or PHYS1171 Semester 1 if you have done Physics and Maths C Semester 2 if you haven't done Physics and Maths C</td>
</tr>
</tbody>
</table>

### Semester 2

1. ENGG1211
2. MATH1050 or MATH1051
3.
4.

### Summer

1. ENGG1211
2.
3.
4.
To get into a 2nd year engineering discipline, you must have these courses:

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Sem 2</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CIVIL - CIVIL &amp; ENVIRONMENTAL - CIVIL &amp; GEOTECHNICAL</strong></td>
<td>ENGG1211 MATH1051</td>
<td>ENGI1001</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>ENGG1211 MATH1050</td>
</tr>
<tr>
<td></td>
<td>ENGI1001</td>
<td>ENGG1211 MATH1050</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>ENGG1211 MATH1050</td>
</tr>
<tr>
<td></td>
<td>ENGI1001</td>
<td>ENGG1211 MATH1050</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>ENGG1211 MATH1050</td>
</tr>
<tr>
<td><strong>NOTE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. If you haven’t done High School Physics take PHYS1171 in Semester 2 and ENGG1500 in Semester 1, Year 2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. If you haven’t done High School Chemistry, you will need to take CHEM1090 before CHEM1100 Semester 1.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Sem 2</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ELECTRICAL - ELECTRICAL &amp; BIOMEDICAL - ELECTRICAL &amp; COMPUTER</strong></td>
<td>ENGG1211 MATH1051</td>
<td>ENGI1000</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>CSSE1001</td>
</tr>
<tr>
<td></td>
<td>ENGG1211 MATH1050</td>
<td>CSSE1001</td>
</tr>
<tr>
<td></td>
<td>ENGG1300</td>
<td>CSSE1001</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>CSSE1001</td>
</tr>
<tr>
<td></td>
<td>ENGG1300</td>
<td>CSSE1001</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>CSSE1001</td>
</tr>
<tr>
<td><strong>NOTE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. If you haven’t done High School Physics take PHYS1171 in Semester 2, putting off ENGG1300 until Semester 1, Year 2.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Sem 2</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MECHANICAL - MECHANICAL &amp; AEROSPACE - MECHANICAL &amp; MATERIALS</strong></td>
<td>ENGG1211 MATH1051</td>
<td>ENGI1000</td>
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<tr>
<td></td>
<td>MATH1052</td>
<td>ENGI1000</td>
</tr>
<tr>
<td></td>
<td>ENGG1211 MATH1050</td>
<td>ENGI1000</td>
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<td></td>
<td>ENGI1000</td>
<td>ENGI1000</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>ENGI1000</td>
</tr>
<tr>
<td><strong>NOTE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. If you haven’t done High School Physics take PHYS1171 in Semester 2, putting off ENGG1300 until Semester 1, Year 2.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Sem 2</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MINING - MINING &amp; GEOTECHNICAL</strong></td>
<td>ENGG1211 MATH1051</td>
<td>ENGI1000</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>ERTH1501</td>
</tr>
<tr>
<td></td>
<td>ENGG1211 MATH1050</td>
<td>ENGI1000</td>
</tr>
<tr>
<td></td>
<td>MATH1052</td>
<td>ENGI1000</td>
</tr>
<tr>
<td><strong>NOTE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1. If you haven’t done High School Physics take PHYS1171 in Semester 2 and ENGG1300 in Semester 1, Year 2.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Choose an elective from Part B or C.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3. You must complete Math C or MATH1050 before taking ENGG1400.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Sem 2</th>
<th>Summer</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SOFTWARE</strong></td>
<td>ENGG1211 MATH1051</td>
<td>CSSE1001</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>CSSE1001</td>
<td>CSSE1001</td>
</tr>
<tr>
<td></td>
<td>MATH1050</td>
<td>CSSE1001</td>
</tr>
<tr>
<td></td>
<td>MATH1051</td>
<td>CSSE1001</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

You must complete MATH C or MATH1050 before taking ENGG1400. ENGG1500 is compulsory for Civil + Environmental – but can also be taken in 3rd year.
We’re so happy you’re joining us at UQ!

To enrol in your courses, you’ll use a system called **mySI-net**, which is the control centre for student administration at UQ.

Among other things, mySI-net lets you:
- enrol in courses
- drop courses
- update personal information.

Once you’ve enrolled, you’ll use a system called **My Timetable**. Through My Timetable you can register your preferred class times and then swap classes if you need to.

During your time at UQ, you’ll always use mySI-net and My Timetable at the beginning of each semester. You can access both mySI-net and My Timetable from the my.UQ Dashboard, your personalised portal to UQ systems and notifications.

*i* Keep Starting at UQ open in a separate window as you work through the ‘Enrol’ section.

Log in to Starting at UQ for a step-by-step guide on how to set up your mySI-net profile, enrol in your courses and register your class preferences.

**Need help?**

**Student Centre**
JD Story Building (61) Level 1  
p (07) 3365 2600  
w my.uq.edu.au/contact/student-centre

**EAIT Faculty Office**
Hawken Engineering Building (50-S204)  
e enquiries@eait.uq.edu.au  
p (07) 3365 4666

**First Year Engineering Learning Centre**
Hawken Engineering Building (50-C201)  
e Yr1eng@uq.edu.au  
p (07) 3346 7881
Step 6

Plan your timetable

Plan your semester timetable with UQ’s official timetable planner.

Go to www.uqplanner.app

1. Start with ENGG1211
2. Then add lectures, tutorials etc. for courses that have only one stream first.
3. Finally, add all other lecture streams, tutorials and practicals etc.

Plan your semester timetable with UQ’s official timetable planner.

4. Check all weeks to ensure you are clash free for weeks 1-13. (Some practicals and tutorials run specific weeks only.)

For more details, please see: my.uq.edu.au/starting-at-uq/plan/about-timetable

NEED HELP?

Need help? Contact the FYELC team.

e: Yr1eng@uq.edu.au
p: 07 3346 7881
Class Allocation (Allocate+)

After you enrol, you’ll need to select your preferred class times. You’ll then be allocated to classes based on these preferences.

You need to think carefully about your choice, as it will affect the number and type of electives you can select.

For courses that offer multiple class times, you’ll need to register your preferred times through My Timetable – our class allocation system.

Class allocation has 2 stages:
1. Class preferencing
2. Class adjustment.

Class preferencing
The class preferencing window opens about 4 weeks before the semester begins and closes about a week later – check the Academic Calendar for the exact dates. During this time, you’ll need to select your preferred class times for each of your courses.

You don’t have to rush to select your preferences – the system only begins allocating students to classes once the preferencing window has closed.

Watch the video to learn how to select your preferences: my.uq.edu.au/node/212/3

Note: 2020 dates have been adjusted. Please check the UQ Academic Calendar for further details.

Class adjustment
Once the system has created your timetable, class adjustment begins! Check the Academic Calendar for the exact date and time.

During the class adjustment stage you can:
- review your allocated timetable
- swap class times if there’s a space available
- add your name to a waitlist to swap
- allocate yourself to classes you missed during the class preferencing stage.

Try to review your timetable as soon as you can. The earlier you swap or waitlist, the better chance you have of getting the timetable you want.

Class allocation help
If there are no suitable class times available, contact the relevant faculty or school for advice. They’ll be listed as the ‘coordinating unit’ in your course profile. To access a course profile from My Timetable, select the relevant information icon in the side menu.

Viewing your finished timetable
Once you’ve been allocated to all your required classes, select the ‘Timetable’ tab in My Timetable to see your finalised timetable for the semester.

If your timetable changes slightly from Week 1 to Week 2, don’t worry – some courses don’t schedule tutorials for Week 1, or every week.

Check this timetable regularly before semester starts: depending on how many students enrol in your course, there might be changes to room venues or class times.
Work

We recommend less than 10 hours a week paid work for full time students.

Student Email

Remember to check your student emails regularly. See its.uq.edu.au/services/student-email for more details.

How should I manage my time?

- Check the dates carefully as not all practicals/seminars and tutorials are weekly.
- Each course in engineering expects you to do about 10 to 12 hours per week.
- Put together a semester and weekly schedule.
- Start by understanding how each course is structured, the requirements, learning resources and when the assessments are due.
  - Course profiles: my.uq.edu.au/programs-courses
- BE ACTIVE! Attend all lectures, practicals and tutorials – checkout Facebook groups for your courses – participate in learning activities – practice problems – revise and review your work. And if in doubt, ask!
- Use all of the learning resources available to you, such as:
  - Course tutors
  - FYELC tutors
  - Online tutorials
  - PASS classes
  - Study skills: uq.edu.au/student-services/learning
## What happens if I don't turn up for internal or flexible delivery lecture or tutorial?
- You will need to catch up; talk to your peers and look on Blackboard for what you’ve missed. If it’s a compulsory session, you can lose marks for not attending. Contact your course coordinator for assistance.
- Blackboard – learn.uq.edu.au
- Contacts – uq.edu.au/contacts

## What if my assignment is late?
Contact your course coordinator to discuss – the earlier the better.

## Can I borrow a laptop?
You can borrow a laptop to use in the FYELC from 10am–2pm. Ensure you have a USB flash drive clearly labelled with your student ID to store your work.

## What laptop should I buy?
Buying a laptop and need some advice? Please go to: student.eait.uq.edu.au/new-student.html for EAIT specific IT Resources and Support.

## How do I safeguard my laptop at UQ?
Tag & Testing? All electrical equipment used on UQ campuses (laptops, chargers etc) must be tested for electrical safety. Timetable: eait.uq.edu.au/workshops/test-tag-sessions

## What calculator can I use?
- For many engineering courses, you will need an approved nonprogrammable calculator.
- Over 100 calculator models have already been approved for use in exams (Casio FX82 range is preferred). Go to: my.uq.edu.au and search for ‘Approved Calculators’.

### IMPORTANT DATES – For Commencing and Continuing Students (Academic Calendar, Teaching Periods, Summer Semester): uq.edu.au/events/calendar_view.php?category_id=16

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 August</td>
<td>Classes commence – YES, WE START IN WEEK 1! (Monday 3rd August 2020)</td>
</tr>
<tr>
<td>14 August</td>
<td>Final date for addition of courses or alteration of enrolment</td>
</tr>
<tr>
<td>31 August</td>
<td>Last date to drop courses or cancel enrolment without financial liability</td>
</tr>
<tr>
<td>30 October</td>
<td>Last date to drop courses or cancel enrolment without academic penalty</td>
</tr>
</tbody>
</table>
Further Information

Compulsory Engineering Professional Practice (EPP) Milestone

All Bachelor of Engineering (Honours), Bachelor of Engineering (Honours)/Master of Engineering and Master of Engineering students must complete 450 hours of Engineering Professional Practice (EPP) and submit five (5) EPP reflections. This is a compulsory milestone and must be fulfilled before graduation.

For more details please go to: eait.uq.edu.au/engineering-professional-practice/overview

BE(Hons)/ME

The Bachelor of Engineering (Hons) (BE(Hons)) and Master of Engineering (BE(Hons)/ ME) is the first five-year engineering degree in Australia to integrate a semester industry or research placement into a degree with Masters-level coursework.

BE(Hons)/ ME graduates will have a head start in careers that require specialist skills and adaptability (eg. in consulting, corporate/government advising or industrial research) or when applying for research higher degrees at the world’s top institutions.

If you’re in the BE(Hons) or BE(Hons) dual degree - you can apply to change to the BE(Hons)/ ME after completing 16 units (1 year).

For further information, go to: eait.uq.edu.au/be-me

Academic advice

First Year Academic Advisor
E: Yrleng@uq.edu.au
P: +61 7 3346 7881

Academic advisors are happy to answer your questions and provide advice on:

- Credit from previous study
- Late addition of a course
- Withdrawing from a program or course
- Enrolling in more than 8 units per semester
- Deferred examinations
- Supplementary assessments
- Unsatisfactory Academic Progress and Show cause Applications

For all engineering academic advisors please go to: eait.uq.edu.au/eng-academic-advice
Student employability
The EAIT Student Employability Team offers a range of services to help you build your employability skills and become industry ready. Our services include:
- Guidance and support for the compulsory Engineering Professional Practice (EPP) requirement
- Workshops on planning your job search strategy, job applications, resumes, cover letters, interviews and LinkedIn
- One-on-one employability consultations with our experienced employability advisors
- Tailored employability program for international students
- Industry networking events
For more details see: eait.uq.edu.au/employability

Studying overseas
Engineering students have an opportunity to enhance their degree by studying abroad for 1 or 2 semesters through the UQ Abroad program.
UQ has partnerships with over 150 universities in 37 countries. Students studying overseas remain enrolled at UQ, continue to pay (or defer) fees and earn credit towards their UQ degree. No additional tuition fees are paid to the host university.
Depending on your BE (Hons) specialisation, and the university you go to, you can take equivalent compulsory courses, engineering electives or other electives.
Most engineering students go on exchange after they have completed two years of study. If you would like discipline specific advice, please speak with one of the academic advisors in your specialisation and visit the UQ Abroad website: employability.uq.edu.au/global-experiences

Scholarships and Prizes
Raegan Paradine, WA Alumni Regional Scholarship Recipient
"As a person coming from a regional area, I cannot stress enough how much receiving a scholarship has helped me. I remember sitting down with my mum and writing down all the expenses I would have to consider moving out on my own. There was rent; utilities; food and the list just kept going.

We thought the only way I was going to make it was by the odd chance of winning the lottery, then I got told about this scholarship. I spent an entire day preparing my submission but, it has all been worth it.

Receiving my scholarship means I no longer have to work 40hr weeks on top of a full-time university load. I can go out with friends, join clubs and go to balls and volunteer for events.

The thing I have appreciated most about being a scholarship recipient is the opportunities that have come my way.
I have been able to meet my providers and talk about the industry and my worries and I have been able to attend events that have allowed me to network with not only peers but, industry professionals. Again, I cannot stress enough how much receiving a scholarship has helped me and could help you too."

The University of Queensland offers a number of scholarships. For more information, go to:
EAIT Scholarships: eait.uq.edu.au/scholarships
The University of Queensland Scholarships: scholarships.uq.edu.au
Memberships and Student Societies

Engineers Australia (EA)
- EA is the largest and most respected representative body for engineering in Australia. EA is responsible for the accreditation of engineering degrees and also for the chartered status of professional engineers. Student membership is encouraged and free. engineersaustralia.org.au/Membership

Young Engineers at UQ (YEAUQ)
- YEAUQ organise several events throughout the year such as the Engineering Careers Expo and networking events. YEAUQ aims to help students establish useful contacts within industry, paving the way towards vacation work and graduate employment; facebook.com/YEAUQ

Women in Engineering
- Women in Engineering eait.uq.edu.au/we

Memberships
Professional bodies support student members through Student Chapters. These chapters provide career guidance, mentoring and assistance in finding vacation work and study resources. As a student member you may be eligible for a variety of prestigious scholarships, awards and special funds.

Other Professional Organisations
- Professionals Australia focus on issues that affect you in your profession and represent more than 25,000 professionals and students across Australia. professionalsaustralia.org.au
- The Institute of Chemical Engineers (IChemE); icheme.org
- Institute of Electrical and Electronics Engineers (IEEE); ieee.org
- Australasian Institute of Mining and Metallurgy (Aus/MM); ausimm.com
- Australian Computer Society; acs.org.au

Student Societies
UQ Engineering supports several student clubs. Joining these societies is a great way to meet other students:
- Engineering Undergraduate Society (EUS); uqueus.com.au
- Civil Engineering Student Association (CESA); facebook.com/CESA.UQ
- Chemical and Environmental Engineering Students Society (CHESS); facebook.com/chess.uq
- Electrically Based Engineering Students Society (EBESS); uqebess.com
- Engineers Without Borders (EWB); ewb.org.au/explore/chapters/qld/uq
- Mining and Metallurgical Association (MAMA); uqmama.com
- Mechanical Engineering Students Society (MESS); facebook.com/messuq
- Skirts in Engineering (Women in Engineering); facebook.com/uqskirts

Visit eait.uq.edu.au/eng-student-societies for more details
Student Services and Support

Student Support Services

Student Services provides a range of free services to support you during your time at UQ:
- Accommodation
- Counselling
- Disability
- Faith
- International support
- Learning
- New2UQ
- Workshops

For further details, go to:
my.uq.edu.au/information-and-services/student-support

Student Advocacy and Support

We are a free, independent, short term support service for all UQ students. We can provide you with assistance on matters relating to the following services:
- Academic
- Job Preparation
- Legal
- Proof Readers List
- Visa
- Welfare and Wellbeing

For more details go to:
uqu.com.au/supporting-u

Student Charter 3.60.01

The Student Charter sets out the University’s commitment to students’ education and experience at UQ; the expectations / responsibilities of all members with respect to conduct; and to provide guidelines to foster a healthy, diverse, creative and high achieving environment within which to study, research and work. More details:
ppl.app.uq.edu.au/content/3.60.01-student-charter

UQ ALLY Program

The UQ Ally Network is an award-winning program that provides a visible network of well-informed staff who create a safe, welcoming and inclusive space for sex, gender and sexuality diverse people at UQ and in the broader community.
staff.uq.edu.au/information-and-services/human-resources/diversity/sexuality/ally-network
The First Year Engineering Mentor Program

Going from high school to university is a big step and we figure the best person to help you with this transition is a student who’s been there, done that and is still wearing the t-shirt!

The UQ First Year Engineering Learning Centre (50-C201) connects you with an engineering student mentor who will pass on his or her knowledge and help you adjust to university life.

The mentors can help with everything from finding the cheapest textbooks and tips for lectures to the social side of university life and all that it has to offer.

Further details can be located on the FYELC website eait.uq.edu.au/first-year-learning-centre and on the First Year Engineering Learning Centre Community Backboard site.

More details? Contact us today on (07) 3346 7881 or email Yr1eng@uq.edu.au.

Terminology explained

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BE (Hons)</strong></td>
<td>Bachelor of Engineering (Honours)</td>
</tr>
<tr>
<td><strong>BE (Hons) Course List</strong></td>
<td>The courses you have to pass in order to receive your degree. Specifies compulsory and elective courses – my.uq.edu.au/programs-courses</td>
</tr>
<tr>
<td><strong>Blackboard</strong></td>
<td>Learning management system at UQ. Access via my.UQ under Elearning. Contains assessment information, announcements, updates, some assignment marks and discussion boards for each of your courses.</td>
</tr>
<tr>
<td><strong>Course</strong></td>
<td>Subject or class (e.g. ENGG1100, MATH1051).</td>
</tr>
<tr>
<td><strong>Compulsory Course</strong></td>
<td>Course that you must take (e.g. ENGG1100).</td>
</tr>
<tr>
<td><strong>Discipline</strong></td>
<td>Field of studies or specialisation within engineering (e.g. Civil Engineering).</td>
</tr>
<tr>
<td><strong>Dual Degree or Dual Program</strong></td>
<td>Combination of two UQ degrees taken at the same time. The BE (Hons) can be taken with Arts, Biotechnology, Business Management, Commerce, Economics, Information Technology, Maths or Science.</td>
</tr>
<tr>
<td><strong>Elective Course</strong></td>
<td>A course you choose to complete. There’s a list for the BE (Hons) program. Refer: eait.uq.edu.au/bachelor-engineering-electives.</td>
</tr>
</tbody>
</table>

Personal

- **Headspace**
  [w headspace.org.au]
- **Student Advocacy and Support**
  [w uqu.com.au/supporting-u]
- **Student Services**
  [w my.uq.edu.au/information-and-services/student-support]
- **UQ Dental**
  [w uqdental.com.au]
- **UQ Health Care**
  [w uqhealthcare.org.au]
Academic

Courses
For help with your course, go to:
- The lecturer
- Course tutor/s
- Electronic Course Profile (ECP)
  my.uq.edu.au/programs-courses

Assessment details
Blackboard
learn.uq.edu.au

Help
FYELC Tutors
Weeks 1–13
FYELC Mentors
Orientation – Week 3
‘Face to Face’ (50-C201) and ‘Online’ via the FYELC Blackboard site.

Advice and Support
First Year Enquiries
- Academic Advisor Appointments
- BE(Hons) Tutors and Mentors
- First Year Engineering Learning Centre (50-C201).
  Coordinator, First Year
  Student Experience
  Ms Lisa Deacon
  FYELC (50-C201)
  e Yr1Eng@uq.edu.au
  p (07) 3346 7881
  w eait.uq.edu.au/
  first-year-eng-students

EAIT Faculty Office
Hawken Engineering Building
(50-S204)
  e enquiries@eait.uq.edu.au
  p (07) 3365 4666

Administration
Student ID Card
Go to my.uq.edu.au/starting-at-uq/
prepare-for-semester/student-id-cards

Fees/Calculator approval
Student Centre
JD Story Building (61) Level 1
p (07) 3365 2600
w my.uq.edu.au/
student-centre-st-lucia

Timetable Issues
If there are no suitable class times available, contact the EAIT Faculty
for advice.
  e timetables@eait.uq.edu.au

Extended Major
Like a major, but with an in-depth study. (e.g. BE (Hons) with an extended major in Mining
Engineering). An extended major requires 60 units, specifically in your chosen field.

Field of Study
UQ uses “Major” for Bachelor degrees and “Field of Study” for Masters degrees.

Major
A specialisation within engineering (e.g. BE (Hons) majoring in Electrical Engineering with
52 of the 64 units for the BE (Hons) coming from the Electrical Engineering course list.).

mySI-net
UQ’s online student enrolment system – sinet.uq.edu.au

Plan
mySI-net calls a discipline (e.g. Mechanical Engineering) a plan; you choose your plan
online using mySI-net.

Prerequisite
A level of knowledge and skill you must have before enrolling in a course. (e.g. You must
have MATH1050 or Maths C before you do MATH1051).

Program
Your program is the Bachelor of Engineering (Hons), unless you chose a Dual Degree.

Units
Most courses are 2 units. A full time study load for a semester is 6 units or more, so that’s
3 or more courses. Most students do 4 courses, 8 units in each semester. International
students must do 8 units.
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