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

Use the checklist and work your way through the guide.

| STEP 1  | What’s on - update your diary | Compulsory: Project Day  | Academic Advice Seminar | 0-Week activities | 4 |
| STEP 2  | Complete the quiz (**Deadline 26 July 2019**) and Academic Integrity Tutorial (**Deadline 2 August 2019**) | 5 |
| STEP 3  | Plan ahead | BE (Hons) | Choosing a Major | Dual Degrees | 6, 7 |
| STEP 4  | Choose your courses | 8-11 |
| STEP 5  | Plan your timetable | 12 |
| STEP 6  | Sign-on for classes | **ENGG1211: 9:00AM 10 July 2019** | **ENGG1XXX: From 9:00am 10 July 2019** | 12 |
| STEP 8  | FAQs for 1st Year | 13, 14 |

Read up on more information
- Compulsory BE (Hons) requirement 15
- BE (Hons)/ME 15
- Academic advice 15
- The UQ Engineering Mentor Program 15
- Academic advice 15
- Student employability 15
- Studying overseas 15
- Scholarships & prizes 15
- Memberships & Student societies 16
- Equity & diversity 17
- Do you need help? 18
What’s on

Seek advice on your timetable, attend a workshop, get orientated!
Steps 1, 2 and 3 are compulsory for all Mid Year entry BE(Hons) and ENGG1211 students.

<table>
<thead>
<tr>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
<th>FRIDAY</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 FYELC Timetable Support Session Meet a FYELC Mentor/ Tutor 10:00am – 2:00pm (50-C201)</td>
<td>17 FYELC Timetable Support Session Meet a FYELC Mentor/Tutor 12:00pm – 2:00pm (50-C201)</td>
<td>18 Step 3 – First Year (Undergraduate) Mid Year Entry Students BE(Hons) Project Day 8:00am – 3:00pm (50-C207) Lunch and morning tea is provided.</td>
<td>19 FYELC Timetable Support Session Meet a FYELC Mentor/ Tutor 1:00pm – 3:00pm (50-C201)</td>
</tr>
</tbody>
</table>

**JUL**

Step 1 – BE(Hons) Mid Year Entry Welcome
An essential academic advice seminar.
2:00 – 3:00pm (50-T203)

Step 2 – BE(Hons) Mid Year Entry Advice Seminar
An opportunity to speak with an academic advisor for specific advice.
3:00pm – 5:00pm (50-C201)

Compulsory for all Mid Year entry BE(Hons) and first year BE (Hons) ENGG1211 students

For further information go to: www.uq.edu.au/orientation
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.
2. Go to: eait.uq.edu.au/preparation
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 2018 Quiz passed all their courses.

Academic Integrity Tutorial

Get a head start.
Complete the Academic Integrity Tutorial.
It’s compulsory for ENGG1211.
Go to eait.uq.edu.au/preparation

STEP 2
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.

Initially, you will be enrolled in the flexible first year program. You should select your courses to allow entry to the major of your choice (see pages 8 to 11).

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). See eait.uq.edu.au/be-me

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

<table>
<thead>
<tr>
<th>Major</th>
<th>BE (Hons)</th>
<th>BE (Hons) / ME</th>
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<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chemical &amp; Materials</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Chemical &amp; Metallurgical</td>
<td>✓</td>
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</tr>
<tr>
<td>Civil</td>
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</tr>
<tr>
<td>Civil &amp; Environmental</td>
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<td></td>
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<td>Civil &amp; Fire Safety</td>
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<td>✓</td>
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</tr>
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<td>✓</td>
</tr>
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<td>✓</td>
</tr>
<tr>
<td>Mechanical &amp; Materials</td>
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<td>✓</td>
</tr>
<tr>
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<td>✓</td>
</tr>
<tr>
<td>Mining</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
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<td>✓</td>
</tr>
<tr>
<td>Software</td>
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<td>✓</td>
</tr>
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</table>

*From a specified list – Refer uq.edu.au/study

Need help choosing a major?
Book an appointment with your first year BE (Hons) academic advisor. Call 07 3346 7881
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.

<table>
<thead>
<tr>
<th>Dual Degree</th>
<th>BE (Hons) / BA</th>
<th>BE (Hons) / BBusMan</th>
<th>BE (Hons) / BEcon</th>
<th>BE (Hons) / BInfTech / BE (Hons) / BCompSc</th>
<th>BE (Hons) / BSc*</th>
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<td></td>
</tr>
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<td>✓</td>
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<td>✓</td>
</tr>
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<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

* 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
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, ECON310, STAT1201 and PHYS1001 as these courses are covered in the BE (Hons); you may not receive credit for them.

**BE (Hons) with BEcon, BBioTech, 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:**
Email: Yrleng@uq.edu.au or call (07) 3346 7881 for 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 and draft your semesters.

1. Complete **ALL** of Part A:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Prerequisite</th>
<th>Semester</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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</table>

2. Complete at least **one** of Part B:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Prerequisite</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGG1300</td>
<td>Introduction to Electrical Systems</td>
<td>Recommended Prerequisites: Maths C &amp; Senior Physics</td>
<td>Semester 2</td>
</tr>
<tr>
<td>ENGG1400</td>
<td>Statics and Dynamics</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: Senior 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.

**WARNING**
- Choosing courses is not simple! It requires careful planning.
- Attend an Advice Seminar and ask for help (page 4).
- DUAL DEGREES are even more difficult (page 7).

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.
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.

Check Off

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Prerequisite</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM1090</td>
<td>Introductory Chemistry = High School (Senior) Chemistry</td>
<td><em>Not available if you have SA 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>)</em></td>
<td>Semester 1 only. (Get advice if you need to complete.)</td>
</tr>
<tr>
<td>MATH1050</td>
<td>Mathematical Foundations = High School Maths C</td>
<td><em>Not available if you have HA or higher in Maths C.</em></td>
<td>Semester 2</td>
</tr>
<tr>
<td>PHYS1171</td>
<td>Physical Basis of Biological Systems = High School Physics</td>
<td><em>Not available if you have SA 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>)</em></td>
<td>Semester 2</td>
</tr>
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</table>

4. Select electives from **Part C** as applicable:

Check Off

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Prerequisite</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL1040</td>
<td>Cells to Organisms</td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>CHEM1000</td>
<td>Chemistry 1</td>
<td>Prerequisite: Senior Chemistry or CHEM1090</td>
<td>Semester 2</td>
</tr>
<tr>
<td>CSSE1001</td>
<td>Introduction to Software Engineering</td>
<td></td>
<td>Semester 2</td>
</tr>
<tr>
<td>PHYS1002</td>
<td>Electromagnetism and Modern Physics</td>
<td>Prerequisite: Senior Physics or PHYS1171</td>
<td>Semester 2 if you have done Physics and Maths C Semester 1 (Year 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. 

**Need help?**

Make an academic advising appointment. Call (07) 3346 7881.
Choose your courses cont.

To get into a 2nd year engineering discipline, you must have these courses:

Initially, you will be enrolled in the flexible first year program. You should select your courses to allow entry to the major of your choice.


<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
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<td>MATH1051</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CHEM1100 ²</td>
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<tr>
<td></td>
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<td>ENGG1500 ¹</td>
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<tr>
<td>Summer</td>
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<td>MATH1050</td>
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<tr>
<td></td>
<td></td>
<td>ENGG1500 ¹</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CHEM1100 ²</td>
</tr>
</tbody>
</table>

**NOTE**
1. If you haven’t done High School Physics take PHYS1171 in Semester 2 and ENGG1500 in Semester 1, Year 2.
2. If you haven’t done High School Chemistry, you will need to take CHEM1090 before CHEM1100 Semester 1.

### CIVIL – CIVIL & ENVIRONMENTAL – CIVIL & GEOTECHNICAL

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Title</th>
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<td>MATH1051</td>
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<td>ENGG1400</td>
</tr>
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<td>Summer</td>
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<td>ELECTIVE</td>
</tr>
<tr>
<td></td>
<td></td>
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**NOTE**
1. If you haven’t done High School Physics take PHYS1171.
2. Choose an elective from Part B or C. Priority choices include: ENGG1500, CSSE1001.

You must complete MATH C or MATH1050 before taking ENGG1400. ENGG1500 is compulsory for Civil + Environmental – but can also be taken in 3rd year.
### Electrical - Electrical & Biomedical - Electrical & Computer

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
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<td>MATH1051</td>
<td>ENGG1300</td>
<td>CSSE1001</td>
<td>ENGG1211</td>
<td>MATH1050</td>
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<td>ENGG1300</td>
<td>CSSE1001</td>
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<td>MATH1051</td>
</tr>
</tbody>
</table>

**NOTE**
1. If you haven't done High School Physics take PHYS1171 in Semester 2, putting off ENGG1300 until Semester 1, Year 2.

### Mechatronic

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Code</th>
<th>Course Name</th>
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</tbody>
</table>

**NOTE**
1. If you haven't done High School Physics take PHYS1171 in Semester 2, putting off ENGG1300 until Semester 1, Year 2.

### Mechanical - Mechanical & Aerospace - Mechanical & Materials

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 2</td>
<td>ENGG1211</td>
<td>MATH1051</td>
<td>ENGG1400</td>
<td>ENGG1500</td>
<td>ENGG1300</td>
<td>ENGG1500</td>
</tr>
<tr>
<td>Summer</td>
<td></td>
<td>MATH1052</td>
<td>ENGG1400</td>
<td>ENGG1500</td>
<td>MATH1051</td>
<td>ENGG1300</td>
</tr>
</tbody>
</table>

**NOTE**
1. If you haven't done High School Physics take PHYS1171 in Semester 2 and ENGG1500 in Semester 1, Year 2.

### Mining - Mining & Geotechnical

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Course Code</th>
<th>Course Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 2</td>
<td>ENGG1211</td>
<td>MATH1051</td>
<td>ENGG1400</td>
<td>ENGG1300</td>
<td>ENGG1300</td>
<td>ELECTIVE</td>
</tr>
<tr>
<td>Summer</td>
<td></td>
<td>MATH1052</td>
<td>ENGG1400</td>
<td>ENGG1300</td>
<td></td>
<td>MATH1051</td>
</tr>
</tbody>
</table>

**NOTE**
1. If you haven't done High School Physics take PHYS1171 in Semester 2 and ENGG1300 in Semester 1, Year 2.
2. Choose an elective from Part B or C.
3. You must complete Math C or MATH1050 before taking ENGG1400.

### Software

<table>
<thead>
<tr>
<th>Semester</th>
<th>Course Code</th>
<th>Course Code</th>
<th>Course Code</th>
<th>Course Code</th>
<th>Course Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sem 2</td>
<td>ENGG1211</td>
<td>MATH1051</td>
<td>ENGG1300</td>
<td>ENGG1300</td>
<td>CSSE1001</td>
</tr>
<tr>
<td>Summer</td>
<td></td>
<td>MATH1052</td>
<td>ENGG1300</td>
<td>ENGG1300</td>
<td>CSSE1001</td>
</tr>
</tbody>
</table>

**NOTE**
1. If you haven't done High School Physics take PHYS1171 in Semester 2 and ENGG1300 in Semester 1 Year 2.
Plan your timetable

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

Go to timetableplanner.app.uq.edu.au
Use your UQ student ID to sign in. (s4xxxxxx and your password)

1. Start with ENGG1211
2. Then add lectures, tutorials etc. for courses that have only one stream first. (e.g. ENGG1400 L01)
3. Finally, add all other lecture streams, tutorials and practicals etc.
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: www.uq.edu.au/startingatuq/plan-your-class-timetable

Sign-on for classes!

1. Go to www.uq.edu.au
   - Current Students
   - mySI-net
   - Log in using your student number (s4xxxxxx) and password
2. Add your *course/s
   (Add ENGG1211 for Semester 2, 2019 and Summer Semester, 2019.)
3. Go to Sign-on
4. Check sign-on dates/times and add these to your diary
5. Sign into mySI-net 5 minutes before sign-on opens. Spaces fill up quickly!

*Don’t forget to check weeks 1-13 for timetable clashes (displayed in red).
# FAQs for 1st Year

## FYELC

<table>
<thead>
<tr>
<th><strong>What is the FYELC?</strong></th>
<th>First Year Engineering Learning Centre (50-C201) = space for you. Go to: <a href="http://eait.uq.edu.au/first-year-learning-centre">eait.uq.edu.au/first-year-learning-centre</a></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Can I eat and drink in the FYELC?</strong></td>
<td>Yes – but you are expected to keep the place clean and tidy.</td>
</tr>
</tbody>
</table>
| **What else can I do in the FYELC?** | - Access 15 dedicated FYELC tutors for first year engineering courses. Each tutor covers multiple engineering courses and are available:  
  **Weeks 1 and 13** Monday – Friday 11am–1pm  
  **Weeks 2 - 12** Monday – Friday 9am–3pm  
  - Meet your first year engineering mentors (Orientation to Week 3)  
  - Borrow a laptop (Monday – Friday 9am–4pm)  
  - Book the FYELC Booths (Monday – Friday 9am–4pm)  
  - Arrange first year academic advisor appointments  
  - Heat up your lunch, refill your water bottle  
  - Find out about the latest engineering events |

## Tips

<table>
<thead>
<tr>
<th><strong>Work</strong></th>
<th>We recommend less then 10 hours a week paid work for full time students</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Student Email</strong></td>
<td>Remember to check your student emails regularly. See <a href="http://its.uq.edu.au/services/student-email">its.uq.edu.au/services/student-email</a> for details</td>
</tr>
</tbody>
</table>
| **How should I manage my time?** | - Read 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, including contact time. For example, for MATH1051 there are three 1 hour lectures, a 1 hour tutorial and a 1 hour practical each week leaving 5–7 hours of study. (Allow 2 hours for every hour of face-to-face contact.)  
  - Put together a semester and weekly schedule.  
  - Start each course by understanding how the course is structured, the requirements, learning resources and when the assessments are due. Course profiles: [my.uq.edu.au/programs-courses](http://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!  
  - Utilise all of the learning resources available to you, such as:  
    - Course tutors  
    - FYELC tutors  
    - Online tutorials  
    - PASS classes  
FAQs for 1st Year cont.

What happens if I don't turn up for a 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

Where do I hand in my assignments?
Read the course profile: Some submissions will be to the tutor, some online, and some will need a cover sheet for submission to the EAIT Faculty Assignment Centre chute (50-S203, opposite the FYELC).
Go to: eait.uq.edu.au/current-engineering-students

What if my assignment is late?
There are only two allowable reasons: Medical (medical certificate required) and exceptional circumstances. Contact your course coordinator to discuss – the earlier the better.

Do I need to have my own laptop?
You can borrow a laptop in the FYELC from 9am–4pm, but you cannot take it outside. Ensure you have a USB flash drive clearly labelled with your student ID to store your work.
If you are planning on buying a laptop, tablet, external storage or software please go to: student.eait.uq.edu.au

Test and Tagging? All electrical equipment used within in UQ must be tested for electrical safety, this includes personal items such as laptop and phone charges. ‘Walk in’ test and tagging is available Monday to Friday from 8:00am to 3:00pm at the EAIT Delivery point in the Don Nicklin Building 74 room 113B. (E.g. No booking required.) Enquiries regarding Test and Tagging can be sent to facilities@eait.uq.edu.au

What calculator can I use?
- For many engineering courses, you will need an approved nonprogrammable calculator for use in exams. You will need to obtain an approval label from Student Centre (JD Story Building, level 1) prior to an exam.
- Over 100 calculator models have already been approved for use in exams (Casio FX82 range is preferred). Go to: uq.edu.au/myadvisor/exam-calculators

Important Dates – For Commencing and Continuing Students
(Academic Calendar, Teaching Periods, Summer Semester): uq.edu.au/startingatuq/important-dates

Semester 1 Critical Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 July</td>
<td>Classes commence – YES, WE START IN WEEK 1!</td>
</tr>
<tr>
<td>2 August</td>
<td>Last day to add courses</td>
</tr>
<tr>
<td>31 August</td>
<td>Last day to drop courses without financial liability</td>
</tr>
<tr>
<td>30 September</td>
<td>Last day to drop courses without academic penalty</td>
</tr>
</tbody>
</table>

Save your money and don’t carry on with courses you have ‘given up on’.
But you must formally withdraw:
- By the end of September so you aren’t charged $$ for the course
- By the end of September so you don’t lower your GPA
Compulsory BE (Hons) and BE (Hons)/ME requirement

There is one co-curricular compulsory requirement for the BE (Hons): Engineering Professional Practice (EPP). You must complete 450 hours of professional engineering practice. Of these hours, a minimum of 225 hours must be carried out assisting or under the immediate direction of a professional engineer.

For more details see: eait.uq.edu.au/engineering-professional-practice

BE (Hons)/ME

The Bachelor of Engineering (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 (e.g. 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, please go to: eait.uq.edu.au/be-me

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 First Year Engineering Learning Centre (FYELC) connects you with your engineering student mentors Christopher and Raveena who will pass on their 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 in the FYELC (S0-C201).

Academic advice

First Year Academic Advisor
Prof. Caroline Crosthwaite
Email: Yr1eng@uq.edu.au
Phone: +61 7 3346 7881

EAIT 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
- EAIT Graduation assessment
- Unsatisfactory Academic Progress and Show cause Applications

Full details for all engineering academic advisors can be located at:
eait.uq.edu.au/eng-academic-advice

Student employability

EAIT Student Employability Team can assist you in building key employability skills through:
- Employer information and job opportunities
- Professional practice opportunities
- Assistance with job applications, resumes and cover letters
- Interview and assessment centre preparation, including practice sessions
- One-on-one consultations tailored to specific employability needs
- Student and industry-led panel evenings, workshops and presentations
- Meet a Mentor Program

For further information, please go to:
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

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
UQ Academic Scholarship Program: scholarships.uq.edu.au/program/uq-academic-scholarship-program

Further Information

Studying overseas

EAIT Student Employability Team can assist you in building key employability skills through:
- Employer information and job opportunities
- Professional practice opportunities
- Assistance with job applications, resumes and cover letters
- Interview and assessment centre preparation, including practice sessions
- One-on-one consultations tailored to specific employability needs
- Student and industry-led panel evenings, workshops and presentations
- Meet a Mentor Program

For further information, please go to:
eait.uq.edu.au/employability

Scholarships and prizes

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
UQ Academic Scholarship Program: scholarships.uq.edu.au/program/uq-academic-scholarship-program
Memberships & 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/YEAmld

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

Memberships and Student societies
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.

Professionals Australia
- 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); uqeus.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
Equity & diversity

Student Services
Student Services provides a range of free services to support you during your time at UQ:
- Workshops
- New2UQ
- Accomodation
- International support
- Learning
- Counselling
- Disability
- Faith
For further details, go to: uq.edu.au/student-services

Student Support (SHOC)
SHOC (Student Help On Campus) is a free, independent, short term support service for all UQ students. SHOC can provide you with assistance on matters relating to the following services:
- Education and equity
- Employment
- Gender and sexuality
- Legal
- Migration
- Welfare
For more details go to: uqu.com.au/student-support

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
**Do you need help?**

**PERSONAL**

- **UQ HEALTH SERVICES**
  uqhealthcare.org.au

- **STUDENT SERVICES**
  uq.edu.au/student-services

- **STUDENT SUPPORT (SHOC)**
  uqu.com.au/student-support

- **HEADSPACE**
  headspace.org.au

**Emailing at UQ must be professional. Email from your UQ student email account, and always include:**

1. A salutation (Dear, Good morning etc.)
2. Full name
3. Student ID number (8 digits)
4. Contact details

**COURSES**

**Details**

- Lecturer
- Tutor
- Course Profile

**ASSESSMENT**

- Course Profile
  my.uq.edu.au/programs-courses
- Blackboard site
  learn.uq.edu.au

**HELP**

- FYELC Tutors (50-C201)
  Weeks 1 and 13: Monday – Friday 11am–1pm
  Weeks 2 - 12: Monday – Friday 9am–3pm

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**Terminology explained**

<table>
<thead>
<tr>
<th><strong>BE (Hons)</strong></th>
<th>Bachelor of Engineering (Honours)</th>
</tr>
</thead>
<tbody>
<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>Dual Major</strong></td>
<td>Combination of two fields within engineering (e.g. BE (Hons) with a dual major in Mechanical and Materials Engineering).</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>
GENERAL ADVICE

FIRST YEAR ENQUIRIES
First Year Engineering Learning Centre
Academic Advisor Appointments
BE(Hons) Tutor and Mentor Program
FYELEC Manager
Hawken Engineering Building (50-C201)
Email: Yr1Eng@uq.edu.au
Phone: (07) 3346 7881
Internet: eait.uq.edu.au/first-year-eng-students

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

STUDENT ID CARD
Go to my.edu.au/starting-at-uq/
prepare-for-semester/student-id-cards

FEES/CALculator APPROVAL
Student Centre
Phone: (07) 3365 2600
my.uq.edu.au/contact/student-centre
JD Story Building (61) Level 1

TIMETABLE ISSUES
Attend a FYELC Welcome (see page 4)
Email: Yr1Eng@uq.edu.au (ENGG1200 only)
Email your course coordinator via mySI-net

ADMINISTRATION

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.

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.).

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

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.
Faculty of Engineering, Architecture and Information Technology
Hawken Engineering Building (50), Level 2
Phone: +61 7 3365 4666
Email: enquiries@eait.uq.edu.au
Internet: eait.uq.edu.au

First Year Engineering Learning Centre
Hawken Engineering Building (50), Level 2 (C201)
Phone: +61 3346 7881
Email: Yr1eng@uq.edu.au
Internet: eait.uq.edu.au/first-year-eng-students

School of Chemical Engineering
Don Nicklin Building (74), Level 3
Phone: +61 7 3365 6195
Email: enquiries@chemeng.uq.edu.au
Internet: chemeng.uq.edu.au

School of Civil Engineering
Advanced Engineering Building (49), Level 5
Phone: +61 7 3365 3619
Email: enquiries@civil.uq.edu.au
Internet: civil.uq.edu.au

School of Information Technology and Electrical Engineering
General Purpose South Building (78), Level 4
Phone: +61 7 3365 2097
Email: enquiries@itee.uq.edu.au
Internet: itee.uq.edu.au

School of Mechanical and Mining Engineering
Mansergh Shaw Building (45), Level 4
Phone: +61 7 3365 3668
Email: enquiries@mechmining.uq.edu.au
Internet: mechmining.uq.edu.au

CRICOS Provider 00025B