Welcome to the Faculty of Engineering, Architecture and Information Technology. We’re here to help.
# CHECKLIST

<table>
<thead>
<tr>
<th>STEP 1</th>
<th>Fill in your diary</th>
<th>Compulsory: Project Day</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>STEP 2</td>
<td>Complete the Quiz (Deadline 21 July) and Academic Integrity Tutorial (Deadline 4 August)</td>
<td>5</td>
<td></td>
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<tr>
<td>STEP 3</td>
<td>BE(Hons)</td>
<td>What’s a Major? Dual Degrees</td>
<td>6 7</td>
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<tr>
<td>STEP 4</td>
<td>Choose your courses</td>
<td>8</td>
<td></td>
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<tr>
<td>STEP 5</td>
<td>Plan your timetable</td>
<td>12</td>
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<tr>
<td>STEP 6</td>
<td>Sign-On: ENGG1211: 9:00AM 12 July 2017 ENGG1XXX: From 9:00am 12 July 2017</td>
<td>12</td>
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<tr>
<td>STEP 7</td>
<td>FAQs for 1st Year</td>
<td>13</td>
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</tbody>
</table>

Read up on more information

- Compulsory BE (Hons) requirement 15
- Studying Overseas 15
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## IMPORTANT STEPS TO SUCCEED
## STEP 1

### DIARY

<table>
<thead>
<tr>
<th>MONDAY</th>
<th>TUESDAY</th>
<th>WEDNESDAY</th>
<th>THURSDAY</th>
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<tbody>
<tr>
<td><strong>JULY</strong></td>
<td><strong>17</strong></td>
<td><strong>18</strong></td>
<td><strong>19</strong></td>
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<tr>
<td>EAIT International Students Welcome</td>
<td>FYELC Timetable Session</td>
<td>FYELC Timetable Session</td>
<td>COMPULSORY FOR ALL FIRST YEAR BE (HONS) STUDENTS</td>
</tr>
<tr>
<td>12:00pm - 1:00pm (49-200)</td>
<td>1:00pm - 3:00pm (50-T203)</td>
<td>10:00am - 12:00pm (50-C201)</td>
<td>First Year 'Undergraduate only' Mid Year Entry Students BE (Hons) Project Day 8:30am - 3:00pm (50-C207)</td>
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<tr>
<td>BE(Hons) Mid Year Entry Welcome and Advice Seminar</td>
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<td>Lunch is provided at this event.</td>
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<tr>
<td>1:00pm - 3:00pm (50-T203)</td>
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<tr>
<td>FYELC Timetable and Advice Session</td>
<td>FYELC Timetable Session 10:00am - 12:00pm (50-C201)</td>
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<tr>
<td>3:00pm - 5:00pm (50-C201)</td>
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An essential academic advice seminar followed by the opportunity to speak to an academic for specific advice.

Need help with your timetable? Come to a drop-in session.

For further information go to: [www.uq.edu.au/orientation](http://www.uq.edu.au/orientation)
COMPULSORY QUIZ (GET SET)

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 curriculum 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:

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

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

86% who completed the 2016 Quiz passed all their courses.

Results are not used for assessment purposes.

ACADEMIC INTEGRITY TUTORIAL

Get a head start.
Complete the Academic Integrity Tutorial. It’s compulsory for ENGG1211.
Go to www.uq.edu.au/integrity/Login
For your BE (Hons) you must attain #64 (64 units). Most courses are worth #2. If you do 4 courses a semester, that’s #8 a semester, or #16 a year, so the BE (Hons) is a four year program.

There are three methods of specialisation in engineering:

- Major
- Dual Major
- Extended Major.

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

### What’s a Major?

<table>
<thead>
<tr>
<th>Major</th>
<th>Dual Major*</th>
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</thead>
<tbody>
<tr>
<td>(#52 of #64 from specified list)</td>
<td>(#60 from a specified list)</td>
</tr>
<tr>
<td>Chemical</td>
<td>Chemical + Biological</td>
</tr>
<tr>
<td>Civil</td>
<td>Chemical + Environmental</td>
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<tr>
<td>Electrical</td>
<td>Chemical + Materials</td>
</tr>
<tr>
<td>Mechanical</td>
<td>Chemical + Metallurgical</td>
</tr>
<tr>
<td>Mining</td>
<td>Civil + Environmental</td>
</tr>
<tr>
<td>Software</td>
<td>Civil + Geotechnical</td>
</tr>
</tbody>
</table>

*Extended and Dual Majors have specific requirements and depends on the courses you did at high school. Some majors may take longer. Please visit [www.uq.edu.au/study](http://www.uq.edu.au/study) for further details.

### Need to know

**GET ADVICE (Mandatory)**

Book an appointment with your first year BE(Hons) academic advisor. Email Yr1eng@uq.edu.au or 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.

<table>
<thead>
<tr>
<th>Dual Degree:</th>
<th>BE (Hons) / BA</th>
<th>BE (Hons) / BBioTech</th>
<th>BE (Hons) / BBusMan</th>
<th>BE (Hons) / BCom</th>
<th>BE (Hons) / BinInfTech</th>
<th>BE (Hons) / BSc</th>
<th>BE (Hons) / BMath</th>
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<tr>
<td>Duration</td>
<td>5.5 yrs</td>
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<td>5 yrs</td>
<td>5 yrs</td>
<td>5 yrs</td>
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<tr>
<td>Size of dual degree (units)</td>
<td>#88</td>
<td>#88</td>
<td>#88</td>
<td>#56-82 / 120-166</td>
<td>#60 / #120</td>
<td>#60 / 120</td>
<td>#60 / 120</td>
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<table>
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<tr>
<th>Major Type</th>
<th>Allowable combinations:</th>
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<tr>
<td></td>
<td>Extended ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>Chemical &amp; Biological</td>
<td>Dual ✓ ✓ ✓</td>
</tr>
<tr>
<td>Chemical &amp; Environmental</td>
<td>Dual ✓ ✓ ✓</td>
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<tr>
<td>Chemical &amp; Materials</td>
<td>Dual ✓ ✓ ✓</td>
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<tr>
<td>Chemical &amp; Metallurgical</td>
<td>Dual ✓ ✓ ✓</td>
</tr>
<tr>
<td>Civil</td>
<td>Single ✓ ✓ ✓ ✓ ✓ ✓</td>
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<tr>
<td></td>
<td>Extended ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>Civil &amp; Environmental</td>
<td>Dual ✓ ✓ ✓</td>
</tr>
<tr>
<td>Civil &amp; Geotechnical</td>
<td>Dual ✓ ✓ ✓</td>
</tr>
<tr>
<td>Electrical</td>
<td>Single ✓ ✓ ✓ ✓ ✓</td>
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<tr>
<td></td>
<td>Extended ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>Electrical &amp; Biomedical</td>
<td>Dual ✓ ✓ ✓</td>
</tr>
<tr>
<td>Electrical &amp; Computer</td>
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<tr>
<td>Mechanical</td>
<td>Single ✓ ✓ ✓ ✓ ✓</td>
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<tr>
<td></td>
<td>Extended ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>Mechanical &amp; Aerospace</td>
<td>Dual ✓ ✓ ✓</td>
</tr>
<tr>
<td>Mechanical &amp; Materials</td>
<td>Dual ✓ ✓ ✓</td>
</tr>
<tr>
<td>Mechatronic</td>
<td>Extended ✓ ✓ ✓</td>
</tr>
<tr>
<td>Mining</td>
<td>Single ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td></td>
<td>Extended ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td>Mining &amp; Geotechnical</td>
<td>Dual ✓ ✓ ✓</td>
</tr>
<tr>
<td>Software</td>
<td>Single ✓ ✓ ✓ ✓ ✓</td>
</tr>
<tr>
<td></td>
<td>Extended ✓ ✓ ✓ ✓</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 with Minor.

BA Bachelor of Arts
BBioTech Bachelor of Biotechnology
BBusMan Bachelor of Business Management
BCom Bachelor of Commerce

BEcon Bachelor of Economics
BinInfTech Bachelor of Information Technology
BMath Bachelor of Mathematics
BSc Bachelor of Science
FIRST YEAR ENGINEERING GUIDE 2017

**ENGG1300**
Introduction to Electrical Systems
Recommended Prerequisites: Maths C & Senior Physics
Semester 2

**ENGG1400**
Statics and Dynamics
Prerequisite: Maths C (>SA) or MATH1050
Semester 2

**ENGG1500**
Engineering Thermodynamics
Prerequisite: Senior Physics or PHY11171
Semester 2

**ENGG1211**
Engineering Design, Modelling and Problem Solving
Semester 2 and Summer Semester

**MATH1051**
Calculus & Linear Algebra I
Prerequisite: Maths C or MATH1050
Semester 2 if you have done Maths C (>SA)

**MATH1052**
Multivariate Calculus & Ordinary Differential Equations
Prerequisite: Maths C or MATH1050; MATH1051 (recommended)
Summer Semester

**ENGGI300**
Introduction to Electrical Systems
Recommended Prerequisites: Maths C & Senior Physics
Semester 2

**ENGGI400**
Statics and Dynamics
Prerequisite: Maths C (>SA) or MATH1050
Semester 2

**ENGGI500**
Engineering Thermodynamics
Recommended Prerequisite: Senior Physics or PHY11171
Semester 2

**Check Off**

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

**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) per semester and must seek academic advice before cancelling enrolment in any course.
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</th>
<th>Description</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM1090</td>
<td>Introductory Chemistry = High School (Senior) Chemistry</td>
<td>Semester 1</td>
</tr>
<tr>
<td></td>
<td>*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>)</td>
<td></td>
</tr>
<tr>
<td>MATH1050</td>
<td>Mathematical Foundations = High School Maths C</td>
<td>Semester 2</td>
</tr>
<tr>
<td></td>
<td>*Not available if you have HA or higher in Maths C.</td>
<td></td>
</tr>
<tr>
<td>PHYS1171</td>
<td>Physical Basis of Biological Systems = High School Physics</td>
<td>Semester 2</td>
</tr>
<tr>
<td></td>
<td>*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>)</td>
<td></td>
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</tbody>
</table>

3. Select electives from Part C as applicable:

Check Off

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL1040</td>
<td>Cells to Organisms</td>
<td>Semester 2</td>
</tr>
<tr>
<td>CHEM1100</td>
<td>Chemistry - Energetics &amp; Reactivity</td>
<td>Semester 2</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Senior Chemistry or CHEM1090</td>
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<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>Semester 2</td>
</tr>
<tr>
<td></td>
<td>Prerequisite: Senior Physics or PHYS1171</td>
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</table>

Semester 2

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

Summer

1. ENGG1211
2. MATH1051 or MATH1052

Having trouble?
Make an academic advising appointment. Call (07) 3346 7881.
To get into a 2nd year engineering discipline, you **MUST** have these courses:

<table>
<thead>
<tr>
<th></th>
<th>Maths C:</th>
<th>Maths C:</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Completed &amp; Achieved greater</td>
<td>Not completed or Achieved</td>
</tr>
<tr>
<td></td>
<td>than Sound (SA)</td>
<td>Sound (SA) or less</td>
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</table>

### CHEMICAL - CHEMICAL & BIOLOGICAL - CHEMICAL & MATERIALS - CHEMICAL & METALLURGICAL

<table>
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<tr>
<th></th>
<th>ENGG1211</th>
<th>MATH1051</th>
<th>CHEM1100</th>
<th>ENGG1500</th>
<th>ENGG1211</th>
<th>MATH1050</th>
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<td>MATH1052</td>
<td>CHEM1100</td>
<td>ENGG1500</td>
<td>ENGG1211</td>
<td>MATH1052</td>
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<td><strong>Summer</strong></td>
<td>MATH1051</td>
<td>MATH1052</td>
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</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.

### CIVIL - CIVIL & ENVIRONMENTAL - CIVIL & GEOTECHNICAL

<table>
<thead>
<tr>
<th></th>
<th>ENGG1211</th>
<th>MATH1051</th>
<th>ENGG1400</th>
<th>ELECTIVE</th>
<th>ENGG1211</th>
<th>MATH1050</th>
<th>ELECTIVE</th>
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<tbody>
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<td>MATH1052</td>
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</table>

**Notes:**
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.

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*NO MATH C – SEE US NOW!*
<table>
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<tr>
<th>Programme</th>
<th>Semester</th>
<th>Course Codes</th>
<th>Notes</th>
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<td>MATH1051</td>
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<td>ENGG1300</td>
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<td><strong>SOFTWARE</strong></td>
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</tbody>
</table>

**Maths C:**
- Completed & Achieved greater than Sound (SA)
- Not completed or Achieved Sound (SA) or less

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

2. Choose an elective from Part B or C.
3. You must complete Math C or MATH1050 before taking ENGG1400.
1. Go to www.uq.edu.au
   > Current Students
   > mySi.net
   > Log in (S4xxxxx and your password.)
2. Add your course/s.
3. Go to Sign-On
4. Check the sign-on dates and times for your course/s 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).

**Need help?**
> Come to a FYELC Welcome and Timetable Advise Session (See page 4.).
> Or call the FYELC for assistance (07 3346 7881).
## FAQs FOR 1ST YEAR

### FYELC

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>What is the FYELC?</td>
<td>First Year Engineering Learning Centre (50-C201) = space for you. Go to: <a href="http://www.eait.uq.edu.au/first-year-learning-centre">www.eait.uq.edu.au/first-year-learning-centre</a></td>
</tr>
<tr>
<td>Can I eat and drink in the FYELC?</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 2 – 13** Monday Friday 9am - 3:00pm.  
  - **Weeks 1 and SWOTVAC** 11:00am - 1:00pm.  
  - Meet your first year engineering mentors (Orientation to Week 3).  
  - Borrow a laptop (Monday - Friday 9:00am - 4:00pm).  
  - Book the FYELC Booths (Monday - Friday 9:00am - 4:00pm).  
  - 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>Work</th>
<th>We recommend less than 10 hours a week paid work for full time students.</th>
</tr>
</thead>
</table>
| Student Email                       | Check your student emails regularly.  
  (Your student email is s4XXXXXX@student.uq.edu.au.) |
| 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, 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: www.uq.edu.au/study |
|                                     | > BE ACTIVE! Attend all lectures, practicals and tutorials - checkout Facebook groups for your courses – participate in learning activities - practise 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  
  Learning workshops: www.uq.edu.au/student-services/learning |
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 - www.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: www.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 9:00am - 4:00pm, 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: https://student.eait.uq.edu.au/Tag & Testing?
All electrical equipment used within UQ (laptops, chargers etc) must be tested for electrical safety.
Timetable: www.eait.uq.edu.au/workshops/test-tag-sessions

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: www.uq.edu.au/myadvisor/exam-calculators

Semester 1 Critical Dates
24 July Classes commence – YES, WE START IN WEEK 1!
4 August Last day to add courses
31 August Last day to drop courses without financial liability
30 September Last day to drop courses without academic penalty

Save your money and don't carry on with courses you have ‘given up on’. But you must formally withdraw:
> By the end of August so you aren't charged $$ for the course
> By the end of September so you don't lower your GPA
FURTHER INFORMATION

Academic Advice

First Year Academic Advisor
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 per semester
> Deferred examinations
> Supplementary assessments
> EAIT Graduation assessment
> Unsatisfactory Academic Progress and Show cause Applications

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

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 (FYELC) 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.

Compulsory BE (Hons) 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.

EAIT Faculty provides an industry placement coordinator to assist in connecting EAIT students with industry.

For more details see:
www.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.

You can apply for this program at the end of year 3. For further information, please go to:
www.eait.uq.edu.au/be-me

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:
www.uq.edu.au/uqabroad

Scholarships and Prizes

The University of Queensland offers a number of scholarships.

For more information, go to:
EAIT Scholarships:
www.eait.uq.edu.au/scholarships

The University of Queensland Scholarships:
http://scholarships.uq.edu.au/

UQ Academic Scholarship Program:
http://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 free; www.engineersaustralia.org.au

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; www.facebook.com/YEAUQd

Women in Engineering
> Women in Engineering www.eait.uq.edu.au/we (we@eait.uq.edu.au)

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. www.professionalsaustralia.org.au
> The Institute of Chemical Engineers (IChemE); www.iche.me
> Institute of Electrical and Electronics Engineers (IEEE); www.ieee.org
> Australasian Institute of Mining and Metallurgy (Aus/MM); www.ausimm.com.au
> Australian Computer Society; www.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); www.uqueus.com.au
> Civil Engineering Student Association (CESA); www.uqcesa.com
> Chemical and Environmental Engineering Students Society (ChemESS); www.facebook.com/chess.uq
> Electrically Based Engineering Students Society (EBESS); uqebeess.com
> Engineers Without Borders (EWB); www.ewb.org.au/explore/chapters/qld/uq
> Mining and Metallurgical Association (MAMA); www.uqmama.com
> Mechanical Engineering Students Society (MESS); www.facebook.com/messuq
> Skirts in Engineering (Women in Engineering); www.facebook.com/uqskirts

EQUITY & DIVERSITY

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

Experiences, Careers and Employability
Maximise your first year student experience! More details: eait.uq.edu.au/employability and/or employability.uq.edu.au

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: www.uqu.com.au/student-support

UQ ALLY PROGRAM
The UQ Ally Program is a network of staff who are supportive of lesbian, gay, bisexual, transgender and intersex staff and students. www.uq.edu.au/equity/uq-allies

UQ Queer Collective
www.facebook.com/uqqc.StLucia

Student Charter 3.60.01
The purpose of the Student Charter is to set out the University’s commitment to students’ education and experience at UQ, the expectations and 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
DO YOU NEED HELP?

PERSONAL

UQ HEALTH SERVICES
www.uq.edu.au/healthservice

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

STUDENT SUPPORT (SHOC)
www.uq.edu.au/student-support

HEADSPACE
http://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

ASSESSMENT
Course Profile
www.courses.uq.edu.au
Blackboard site
learn.uq.edu.au

HELP
FYELC Tutor (50-C201)
Weeks 2-13 Monday – Friday 9:00am – 3:00pm
Weeks 1 and SWOTVAC 11:00am – 1:00pm

Terminology Explained

BE (Hons)    Bachelor of Engineering (Honours)
BE (Hons) Course List The courses you have to pass in order to receive your degree. Specifies compulsory and elective courses - www.uq.edu.au/study
Blackboard 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.
Course Subject or class (e.g. ENGG1100, MATH1051).
Compulsory Course Course that you must take (e.g. ENGG1211).
Discipline Field of studies or specialisation within engineering (e.g. Civil Engineering).
Dual Degree or Dual Program 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.
Dual Major Combination of two fields within engineering (e.g. BE (Hons) with a dual major in Mechanical and Materials Engineering).
Elective Course A course you choose to complete. There's a list for the BE (Hons) program. Refer: www.eait.uq.edu.au/bachelor-engineering-electives.
### 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, specifically in your chosen field).

### Major
A specialisation within engineering (e.g. BE (Hons) majoring in Electrical Engineering with #50 of the #64 for the BE (Hons) coming from the Electrical Engineering course list).

### mySI-net
UQ’s online student enrolment system - [www.sinet.uq.edu.au](http://www.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 (#2). A full time study load for a semester is #6 or more, so that’s 3 or more courses. Most students do 4 courses, #8 in each semester. International students must do #8.
Faculty of Engineering, Architecture and Information Technology
Hawken Engineering Building (50-S204)
Phone: +61 7 3365 4777
Email: enquiries@eait.uq.edu.au
Internet: www.eait.uq.edu.au

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

School of Mechanical and Mining Engineering
Frank White Building (43), Level 2
Phone: +61 7 3365 3668
Email: enquiries@mechmining.uq.edu.au
Internet: www.mechmining.uq.edu.au