

Bachelor of Engineering (Honours) /
Master of Engineering (BE (Hons)/Me)

Placement program

GUIDE FOR INDUSTRY PARTNERS



What our students say



"Having the opportunity to set up an experiment, whilst simultaneously investigating ways to improve the process chemistry, economics, and scalability, is one of my favourite aspects of the placement. I am able to advance both my theoretical knowledge of hydrometallurgy, as well as gain valuable experience in the practical side of engineering.

I believe the experience I have so far obtained from my time with Core Resources will be critical to helping me become a more effective graduate engineer".

Rhys Thomson, BE (Hons)/ME 2017 Cohort

"I undertook my placement at Arnott's as part of the 24-week placement associated with the BE (Hons)/ME program.

Working in industry with real people and problems allows for a wider perspective and understanding to be gained. I have always been interested in the food manufacturing industry and intend to pursue a career in this field. I am certain that my experience at Arnott's will give me a head start in achieving this."

Wern Tan, BE (Hons)/ME 2017 Cohort



What our partners say

"Boeing Australia has had the privilege of supporting the BE (Hons)/ME program for three years now, over which time we have seen some amazing student projects. Students are encouraged to be innovative and push the boundaries in technology – key attributes important to our work here at Boeing. The

positive outcomes achieved during these student placements are exceptional. Both the students and our organisation are better for this opportunity to collaborate in the BE (Hons)/ME program."

Boeing Defence Australia

Students with advanced skills and capabilities are looking to further their specialist knowledge and experience.

The 21st century engineer is now someone with a truly global outlook who addresses increasingly complex and interdisciplinary challenges. The one known constant in the world – and in the engineering profession – is change.

UQ's response is to deliver Australia's first five-year integrated Bachelor of Engineering (Honours)/Master of Engineering (BE (Hons)/ME) program. The program provides UQ students with greater specialisation opportunities and produces graduates who are agile and globally competitive. The defining activity in the BE (Hons)/ME program is a full-time placement with industry or a research institution.

More information on the program can be found at:

www.eait.uq.edu.au/be-me



Key dates

Our BE (Hons)/ME placement program is offered in semester 1 and semester 2 and placements may be undertaken at the times outlined below:

Timeline for placements commencing Semester 1



Engineering students available in semester 1 include:

Civil/Fire Safety*
Civil*
Electrical

Electrical/Computer
Electrical/Biomedical
Mechanical

Mechanical/Aerospace
Mechatronic
Software

* Students in the Civil/Fire Safety and Civil plan undertake a year long thesis rather than industry placement. Industry thesis topics can be arranged.

What is the BE (Hons)/ME?

Students that meet the eligibility requirements choose whether they wish to join the five-year BE (Hons)/ME program or remain in, and graduate from the traditional four-year Bachelor of Engineering (Honours) program.

Students who join the BE (Hons)/ME program, undertake a full-time placement in industry or a research project with a university or research institution, either in Australia or overseas. Students are required to produce a scoping report, progress report, final report and oral presentation as part of their placement.

We work closely with our placement partners to define the scope of the placement and provide our partners with the opportunity to interview students to ensure “best-fit” for both the student and your company.

After the student returns to UQ from their industry placement, they complete their final year, which includes advanced courses and project work. The student then graduates from UQ with an integrated Bachelor of Engineering (Honours) and Master of Engineering.

Planning timeline

BE (Hons)/ME planning timeline

Step 1 – Project Scoping (6 months out)

Submit your project scope to UQ. Students will typically flesh out the project detail as a first step in their industry placement therefore, a high level scope is sufficient at this point.

Step 2 – Applicant Interviews (5 months out)

Review the student applications, selecting a shortlist. The Student Employability Team can make all the interview arrangements for you if you wish, including facilities on campus at UQ if preferred.

Step 3 – Placement Paperwork (4 months out)

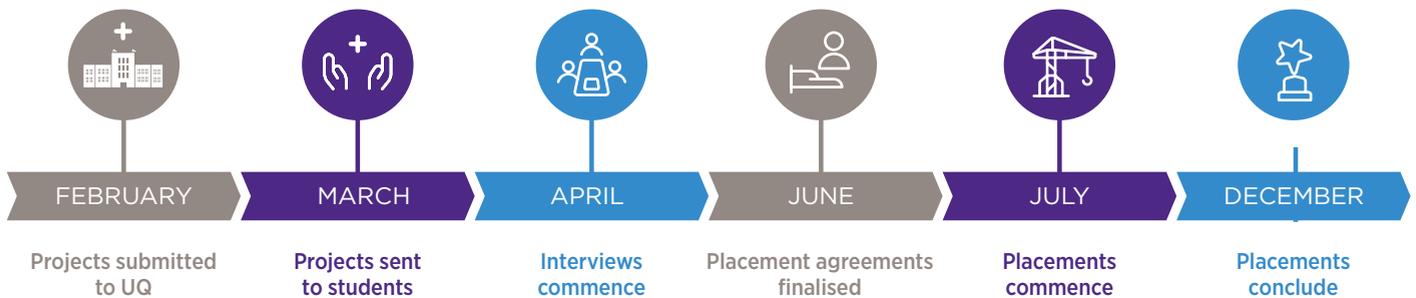
Confirm successful student for project and clarify requirements around confidentiality and intellectual property.

Step 4 – Confirmation (1 month out)

Placement paperwork finalised, company invoiced, insurance and payroll arrangements finalised by UQ.

Confidentiality: Many of our industry partners have strict requirements around confidentiality and non-disclosure. If you have such requirements, the Student Employability Team are available to assist.

Timeline for placements commencing Semester 2



Engineering students available in semester 2 include:

Chemical
Chemical/Biological
Chemical/Environmental
Chemical/Materials
Chemical/Metallurgical
Mechanical/Materials

How does the program work?

The industry placement takes place during second semester of the fourth year, or the first semester of the fifth year depending on the student's engineering discipline.

At the time of the placement, students are expected to have capabilities equivalent to those of a Bachelor of Engineering graduate.

As a BE (Hons)/ME program partner, you are offered the following:

- Involvement in the student selection process
- A high-achieving engineering student placed in your company full-time for 24 weeks
- An opportunity to utilise high-performing student engineers on real and immediate issues facing your company
- An opportunity to identify student engineers to build your pipeline of talent
- Continual placement collaboration with an industry placement representative
- A UQ academic supervisor supporting the student throughout the placement
- Opportunity to attend student final oral assessment day

What does it cost?

Our standard scholarship model is outlined below:

24 week industry placement

\$15,000 per student

\$12,000 goes directly to the student in the form of a BE (Hons)/ME placement scholarship.

\$3,000 contributes to the promotion and administration of the program; engagement with the industry placement coordinator throughout the placement and the student selection process.

This means, engaging a student on a 24 week project will cost the business as little as \$625 per week for a full-time student working on business critical project/s.

If you wish to engage our students on this program, please contact the EAIT Student Employability Team on +61 7 3365 8534 or industryplacements@eait.uq.edu.au



industryplacements@eait.uq.edu.au

www.eait.uq.edu.au/be-me