TEACHING & LEARNING

Our teaching focussed Academic team is leading the way internationally with an innovative ‘flipped classroom’ learning approach, challenging students to think and act like professionals from their very first day at University. Class time is spent on collaborative inquiry-based learning that supports hands-on engineering design projects or studio-based learning in architecture, allowing for the integration of both knowledge and professional practice through authentic experiences.

UQ is among the most progressive universities in the world, combining the latest understanding of the science of learning with the design of physical spaces to support learning and creativity. Our investment in contemporary learning spaces recognises the need for cutting-edge infrastructure that seamlessly supports connectivity and encourages students to think ‘visually.’

UQ is a member of the world’s leading consortium of massive open online courses (MOOCs). Through a partnership with EDx, developed by Harvard and MIT, students from around the world will be able to learn in areas taught by UQ’s global experts in many top-ranked disciplines including our world-leading hypersonics program.

Partnering with leading global organisations has enabled UQ to enhance the learning experiences of our student cohort. From student scholarships and bursaries, to programmatic support for educational infrastructure and resources for engineering education research, industry collaboration is integral to maintaining leadership in engineering and architectural education that prepares graduates with high level industry relevant abilities and skills.

Teaching teams within the Faculty are leading curriculum development and the creative application of new teaching pedagogies with many awards for teaching and learning development, and multiple national grants to transform engineering education. UQ is also the first Australian university to implement an integrated Bachelor/Master degree in engineering providing advanced course content.

5000 undergraduate students
Leading choice for women in engineering in Queensland
More OP1 students studying engineering than any other university in Queensland
$1M illion of scholarships & prizes awarded annually
12 national teaching awards in the last 10 years
The most recent Excellence in Research for Australia (ERA) assessment ranked all of our disciplines as world-class or above. Chemical Engineering, Environmental Engineering, Information Systems, and Materials Engineering all received the maximum 5 star rating. In other words, the combined breadth and strength of this University is unparalleled in Australia.

With an annual research budget of $42 Million, the Faculty provides a rich and diverse flow of breakthrough technologies that are helping to improve communities around the world. From novel hydrogen storage and next generation polymers to biomedical engineering and mining safety, our research outcomes are solving problems for local and international communities, and our industry partners. Our commercially oriented research has developed many novel and relevant technologies that have led to new commercial products via licensing or start-up companies.
Advanced Engineering Building

Opened in 2013, the Advanced Engineering Building (AEB) enhances The University of Queensland’s ability to deliver practical active-learning styles for engineering students, and maximise global research opportunities enabling UQ to respond to major shifts in the world economy and global marketplace for innovative engineering solutions.

Women in Engineering Program

The University of Queensland is the leading choice for women studying engineering in Queensland and our industry supported Women in Engineering program aims to increase undergraduate female engineering enrolments to 30% by 2023. The program was formalised in February and is one of the only a few programs in Australasia with a dedicated full-time resource committed to addressing women in engineering.

Hawken Scholars Program

The Hawken Scholars Program welcomes, supports and gives special opportunities to our best and brightest undergraduate students. Representing the top 5% of an esteemed cohort, the program provides enhanced academic, industry and cultural experiences for 200 of our elite students to aspire to take their degree to the highest possible level.

Continuing Professional Development

The Faculty offers a growing number of professional education courses, workshops and professional development seminars. Improve the capability and talent of your workforce through enrolment in internationally recognised postgraduate programs spanning engineering, architecture and information technology.

www.eait.uq.edu.au