Bachelor of Design (Architecture)/Bachelor of Engineering (Honours)

Bachelor of Design (Architecture)
Our architecture course is increasingly being recognised internationally for its focus on innovation in design and sustainable development.

You’ll be inspired and empowered to create environments with a positive impact on human health, environmental quality, social relationships and urban systems. You will study sustainable systems and undertake architectural design projects in practical studio settings.

Throughout your degree, you will undertake architectural design projects with a practical edge which will require you to think logically and creatively about how buildings function and are constructed.

Graduates can find employment in the fields of architecture and building design. This redesigned course is undergoing reaccreditation with the Architects Accreditation Council of Australia. We are also seeking recognition from the Australian Institute of Architects.

Bachelor of Engineering (Honours)
Study a Bachelor of Engineering (Honours) and get access to multimillion dollar research facilities, as well as learning practical solutions that impact on the real world.

A range of opportunities are available to you with the double degree including careers in architecture, project management, property development, construction, civil engineering and urban design.

Specialise and tailor your course to suit your own career aspirations. Study opportunities include student-led projects, international study tours, and access to multimillion dollar research facilities.

As part of this course, you must choose one of the following majors:
- civil engineering
- computer and software systems
- electrical and aerospace engineering
- electrical engineering
- mechanical engineering
- mechatronics
- medical engineering
- chemical process engineering.

Assumed knowledge
Before you start this course we assume you have sound knowledge in these areas
- General Mathematics (Units 3 & 4 C)
- Mathematical Methods (Units 3 & 4, C)

We assume that you have knowledge equivalent to four semesters at high school level (Years 11 and 12) with sound achievement (4, SA).

Course structure
In order to complete this course, you must complete a total of 528 credit points, made up of 240 credit points from the Bachelor of Design (Architecture) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in
your first two years and for the remainder of this course you will concentrate on engineering studies.

**Design component**
You will complete:
- four school-wide impact lab units (48 credit points)
- four architecture specialisation units (48 credit points)
- and the architecture major (144 credit points), including: four shared foundation units (48 credit points) eigh units (96 credit points) from the discipline.

**Engineering component**
Your engineering studies will include:
- four core units (48 credit points) and two core options (24 credit points)
- eight engineering major units (120 credit points)
- eight honours-level units (96 credit points).

You must choose a major from:
- chemical process engineering
- civil engineering
- computer and software systems engineering
- electrical engineering
- electrical and aerospace engineering
- mechatronics engineering
- mechanical engineering
- medical engineering

**Study overseas**
Study overseas while earning credit towards your QUT creative industries degree with one of our worldwide exchange partners.

Overseas study can be for one or two semesters (or during the semester break) and the units you take can be in a creative or non-creative discipline area, depending on how they match with your QUT course.

**Careers and outcomes**
A range of opportunities is available to you in these global industries including careers in architecture, project management, property development, construction, civil engineering and urban design.

**Fees**
**HECS-HELP**
You may be eligible for HECS-HELP, a loan scheme to help you pay your course fees, if you are an Australian citizen or hold an Australian permanent humanitarian visa. For other conditions read the HECS-HELP information.