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

Year 2021
QUT code ID14
QTAC code 409552
CRICOS 096569J
Duration 5 years full time
OP 12
Rank 75
Total credit points 480
Deferment You can defer your offer and postpone the start of your course for one year.
Domestic fee (indicative, subject to annual review) 2021: CSP $8,400 per year full-time (96 credit points)
2020 CSP $9,500 per year full-time (96 credit points)
Offer Guarantee Yes
Course contact askqut@qut.edu.au 3138 2000
Campus Kelvin Grove, Gardens Point
Start months July, February

Bachelor of Design (Interaction Design)
This course prepares you for diverse and agile career pathways in design, technology and innovation. It focuses on cutting-edge design skills, knowledge and capabilities needed for a contemporary designer to work across multiple fields, practices and contexts.

You’ll undertake a series of interaction design studios focusing on industry-leading practices in human centered design, design thinking, experience design, service innovation and augmented reality.

Opportunities for industry work experience, international study tours and to network with design industry professionals nationally and internationally, will ensure you graduate with one of the most versatile and contemporary skill sets in the sector.

Career pathways available to you beyond the design industries include roles in game design, information technology, health, education, science and engineering, as well as business and enterprise.

You will be prepared for employment opportunities across interaction design industries and in roles that are yet to emerge, including in areas such as web and mobile app design, interface design, user experience (UX) design or interaction (IxD) design, wearable fashion technology, interactive exhibition design, health technology innovation, data visualisation, smart home and virtual reality environments design, robotics design, communication design, and many more.

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

With your combined interaction design and engineering skills you may work in fields including product design, product development, structural engineering, transport engineering and consultancy.

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
- English, or Literature, or English and Literature Extension, or English as an Additional Language (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 480 credit points, made up of 192 credit points from the Bachelor of Design and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first three years, and concentrate on engineering studies for the remainder of this course.

Creative Industries component
Your creative industries studies will include:
- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the interaction design discipline
- four school-wide impact lab units (48 credit points).

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

Careers and outcomes
You may work in fields including product design, product development, structural engineering, transport engineering and consultancy.

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.

Student Services and Amenities Fee
You'll need to pay the student services and amenities fee as part of your course costs. You may be eligible for SA-HELP, a loan scheme to help you pay your student services and amenities fee, if you are an Australian citizen or hold an Australian permanent humanitarian visa. For other conditions read the SA-HELP information.

Work Integrated Learning
Work Integrated Learning (WIL) is embedded in the curriculum and it is a core component for all engineering students. WIL allows you to graduate with a portfolio of professional skills that provides evidence of your professional competencies.

You are required to undertake 60 days of approved work experience in the engineering environment as part of your work integrated learning.

This information has been prepared for Australian and New Zealand citizens and those with Australian permanent resident status. Some courses are not open to international students, and entry requirements and fee information may be different. For more information and to check if a course is available, international students should visit www.qut.edu.au/international. Last updated on: 21/08/2020. Information contained in this document was correct at the time of printing. The university reserves the right to amend any information, and to cancel, change or relocate any course. CRICOS No. 00213J