

Year	2022
QUT code	EN02
CRICOS	086329G
Duration (full-time domestic)	8 months
Duration (full-time international)	12 months
Duration (part-time domestic)	16 months
ATAR/Selection rank	60.00
Offer Guarantee	Yes
Domestic fee (indicative)	2022: CSP \$8,700 per year full-time (96 credit points)
International fee (indicative)	2022: \$29,828 per course (96 credit points)
Total credit points	96
Credit points full-time sem.	48
Start months	November, July, February
Int. Start Months	November, July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	5.5
Listening	5.0
Reading	5.0
Writing	5.0
Speaking	5.0

## Overview

The Diploma in Engineering, which has intakes for international students in February, June and October, is equivalent to the first year of the Bachelor of Engineering. In this program, students study six first year faculty core units as well as two units of Communication which have been designed to support their other core units. Students who successfully complete these units earn full academic credit for eight units towards their degree. Graduates articulate to the second year of the Bachelor of Engineering. Small lectures and tutorials, additional workshops and the support of Language and Welfare Advisers provide an excellent learning environment.

## Entry Requirements - Academic

Successful completion of senior high school with the required grades. Students can find more detailed country specific entry requirements at the following web site:  
<http://www.qut.edu.au/international/apply>  
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## English Language Requirements

Queensland Senior English (Low Achievement) or IELTS 5.5 with no sub-score less than 5.0 or TOEFL iBT Overall score of 69 (at least 18 in writing and reading and 17 or more in listening and speaking) or TOEFL 525 (paper) or TOEFL 193 (CBT) or equivalent, or successful completion of the EAP program. (N.B. Students should also check visa requirements).

## Progression

Requirements for progression to the second year of the QUT Bachelor of Engineering program:

- fulfil the Diploma course requirements,
- achieve a minimum GPA of 4.0

## Course Completion

Students must obtain at least a grade of 4 (Pass) or better in all units.

## Abbreviation

DipEng

## Sample Structure

Code	Title
<b>Teaching Period 1</b>	
EGD113	Energy in Engineering Systems
EGD121	Engineering Mechanics
EGD125	Introductory Engineering Mathematics
QCD110	Academic Communication 1
<b>Teaching Period 2</b>	
EGD120	Foundations of Electrical Engineering
EGD126	Engineering Computation
EGD123	Civil Engineering Systems
QCD210	Academic Communication 2

Code	Title
<b>Teaching Period 1</b>	
EGD100	Engineering Sustainability and Professional Practice
EGD113	Energy in Engineering Systems
EGD125	Introductory Engineering Mathematics
EGD121	Engineering Mechanics
<b>Teaching Period 2</b>	
EGD120	Foundations of Electrical Engineering
EGD126	Engineering Computation

## Diploma in Engineering

EGD123	Civil Engineering Systems
QCD210	Academic Communication 2

### Semesters

- [Teaching Period 1](#)
- [Teaching Period 2](#)
- [Teaching Period 3](#)
- [Teaching Period 4](#)
- \* [Please note this is a recommended student plan only](#)

Code	Title
<b>Teaching Period 1</b>	
EGD100	Engineering Sustainability and Professional Practice
EGD125	Introductory Engineering Mathematics
<b>Teaching Period 2</b>	
EGD113	Energy in Engineering Systems
EGD121	Engineering Mechanics
<b>Teaching Period 3</b>	
EGD126	Engineering Computation
QCD210	Academic Communication 2
<b>Teaching Period 4</b>	
EGD120	Foundations of Electrical Engineering
EGD123	Civil Engineering Systems
* Please note this is a recommended student plan only	

Code	Title
<b>Teaching Period 1</b>	
EGD101	Engineering Design and Professional Practice
EGD102	Fundamentals of Engineering Science
EGD105	Modelling with Introductory Calculus
QCD210	Academic Communication 2
<b>Teaching Period 2</b>	
EGD103	Computing and Data for Engineers
EGD120	Foundations of Electrical Engineering
EGD121	Engineering Mechanics
EGD125	Introductory Engineering Mathematics

Code	Title
<b>Teaching Period 1</b>	
EGD101	Engineering Design and Professional Practice
EGD102	Fundamentals of Engineering Science
EGD105	Modelling with Introductory Calculus
QCD110	Academic Communication 1
<b>Teaching Period 2</b>	

EGD103	Computing and Data for Engineers
EGD125	Introductory Engineering Mathematics
QCD210	Academic Communication 2
EGD120	Foundations of Electrical Engineering
OR	
EGD121	Engineering Mechanics

Year	2022
QUT code	DE42
CRICOS	079947G
Duration (full-time)	4 years
ATAR/Selection rank	93.00
Campus	Gardens Point
International fee (indicative)	2021: \$34,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	February
Int. Start Months	February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

Advanced Standing Entry  
Applicants must have a minimum of 264 credit points from core and/or architecture major units in this course.

All other applicants will need to apply for the [Bachelor of Design \(Architecture\)](#).

### Selection ranks

You will be considered solely on the basis of the selection ranks from all of your prior diploma and higher studies you may have undertaken. Your other qualifications and experiences may be allocated selection ranks for entry to other QUT courses, but will not be considered for this course.

[Find out more about how to Apply with Higher Education Study](#)

## International Entry requirements

Applicants must have a minimum of 264 credit points of advanced standing from core and/or Architecture major units in this course.

All other applicants will need to apply for the [Bachelor of Design \(Architecture\)](#).

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Additional Costs

There are requirements that you will need to meet as a student in this course. Information is available from the [Additional course requirements and costs](#) website.

## Pathways to Further Study

On successful completion of this course, you will be eligible to apply for entry into the Master of Design (Urban Design) or the Master of Design (Research), provided you have met entry requirements.

## Professional Recognition

This course, along with the following Master of Architecture course, has received full accreditation from the Architects Accreditation Council of Australia, and full recognition from the Australian Institute of Architects.

## Domestic Course structure Customise your degree

Your architectural studies design course consists of 18 units in your primary major and four units that are common to all six design majors (architectural studies, fashion, industrial design, interactive and visual design, interior design or landscape architecture).

An additional eight units are taken outside your primary major. After studying for a year you can:

- choose a second major# (eight units from any approved QUT degree), or
- choose two minors (a minor is a specific set of four units drawn from courses throughout QUT), or
- choose one minor and four electives.

Minors and majors allow you to tailor your studies to suit your interests and career aspirations. Minors give you breadth of knowledge from two other areas and a second major provides depth in one area. This means eight units of your course (one quarter of your degree) are taken from outside your primary major. You'll work alongside students from other disciplines because that is how it will be when you graduate and work in the real world of design. The possibilities are almost endless.

Here are some examples that might inspire ideas:

- an architecture student could take a minor in interior design and a work integrated learning minor to gain professional industry experience
- a landscape architecture student could take a language minor such as Italian to help them work overseas
- an interior design student could take a second major in industrial design to aid their ambition to design and manufacture their own range of office furniture
- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
- a fashion student could take a minor in business and another in interior design to help meet their dream of

launching their own concept fashion store

- an interactive and visual design student could take a second major in advertising or marketing and work as a designer for a leading digital agency.

And remember - your second major or minors could be in film, creative writing, music, visual arts, drama or other disciplines across QUT. #

## Your course

### Year 1

- three foundation units covering design, design history and sustainability
- two units in introductory core architecture design studios
- first unit dealing with place making

### Year 2

- two design studio units covering the process of design, dwelling, tectonics and public spaces
- units in integrated technology (climate) and history/theory (culture and space)
- study history/theory (architecture in the twentieth century) and architectural technology (building construction)
- first two units of your second major or first minor

### Year 3

- units focusing on digital tools and sustainability
- develop knowledge of technology integration (structure)
- study history/theory (architecture and the city), and architectural technology (building services)
- three units in your second major or minors

### Year 4

- address the context of buildings in urban settings
- design project integrating your accumulated knowledge
- complete your second major or your second minor

## Masters course

This course is designed to be followed by QUT's one-year Master of Architecture. In addition, to work as a registered architect in Australia you will need to:

- have completed two years of practical work experience (one year of which may be during your studies)
- successfully complete the Architectural Practice Examination
- apply for registration to the Architects' Board in each state or territory in which you wish to practise.

## Study overseas

Study overseas while gaining 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. Saving your electives for exchange will allow you the most flexibility. For more information, visit [QUT student exchange](#).

## International Course structure

### Customise your degree

Your Architectural studies design course consists of 18 units in your primary major and four units that are common to all six design majors (architectural studies, fashion, industrial design, interactive and visual design, interior design or landscape architecture).

An additional eight units are taken outside your primary major. After studying for a year you can:

- choose a second major# (eight units from any approved QUT degree), or
- choose two minors (a minor is a specific set of four units drawn from courses throughout QUT), or
- choose one minor and four electives.

Minors and majors allow you to tailor your studies to suit your interests and career aspirations. Minors give you breadth of knowledge from two other areas and a second major provides depth in one area.

This means eight units of your course (one quarter of your degree) are taken from

outside your primary major. You'll work alongside students from other disciplines

because that is how it will be when you graduate and work in the real world of design. The possibilities are almost endless. Here are some examples that might inspire ideas:

- an architecture student could take a minor in interior design and a work integrated learning minor to gain professional industry experience
- a landscape architecture student could take a language minor such as Italian to help them work overseas
- an interior design student could take a second major in industrial design to aid their ambition to design and

manufacture their own range of office furniture

- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
- a fashion student could take a minor in business and another in interior design to help meet their dream of launching their own concept fashion store
- an interactive and visual design student could take a second major in advertising or marketing and work as a designer for a leading digital agency.

And remember - your second major or minors could be in film, creative writing, music, visual arts, drama or other disciplines across QUT. #

## Your course

### Year 1

- three foundation units covering design, design history and sustainability
- two units in introductory core architecture design studios
- first unit dealing with place making

### Year 2

- two design studio units covering the process of design, dwelling, tectonics and public spaces
- units in integrated technology (climate) and history/theory (culture and space)
- study history/theory (architecture in the twentieth century) and architectural technology (building construction)
- first two units of your second major or first minor

### Year 3

- units focusing on digital tools and sustainability
- develop knowledge of technology integration (structure)
- study history/theory (architecture and the city), and architectural technology (building services)
- three units in your second major or minors

### Year 4

- address the context of buildings in urban settings
- design project integrating your accumulated knowledge
- complete your second major or your second minor

## Masters course

This course is designed to be followed by QUT's one-year Master of Architecture. In addition, to work as a registered architect in Australia you will need to:

## Bachelor of Design (Honours) (Architectural Studies) - Advanced Standing Entry

- have completed two years of practical work experience (one year of which may be during your studies)
- successfully complete the Architectural Practice Examination
- apply for registration to the Architects' Board in each state or territory in which you wish to practise.

### Year 4, Semester 2

DAB312	Building Services
DAH811	Architectural Design 8

### Study Overseas

Study overseas while gaining 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. Saving your electives for exchange will allow you the most flexibility. For more information, visit [QUT student exchange](#).

### Sample Structure

#### Semesters

- [Advanced standing \(288 credit points\)](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
Advanced standing (288 credit points)	
DEB100	Design and Sustainability
DEB101	Introducing Design
DEB202	Introducing Design History
DAB103	Architectural Visualisation 1
DAB110	Architectural Design 1
DAB203	Architectural Visualisation 2
DAB210	Architectural Design 2
DAB220	Architecture, Culture and Place
DAB310	Architectural Design 3
DAB325	Architecture in the 20th Century
DAB330	Integrated Technologies 1
DAB403	Architectural Visualisation 3
DAB410	Architectural Design 4
DAB435	Architectural Technology 1
DAB511	Architectural Design 5
DAB611	Architectural Design 6
96 credit points of complementary studies	
Year 4, Semester 1	
DAB311	Systems and Structures
DAH525	Architecture and the City
DAH710	Architectural Design 7
DYN102	Research Strategies in Design

Year	2022
QUT code	DE42
CRICOS	079947G
OP	13
ATAR/Selection rank	71.00
Offer Guarantee	Yes
Campus	Gardens Point
International fee (indicative)	2019: \$34,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	February
Int. Start Months	February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Additional Costs

There are requirements that you will need to meet as a student in this course. Information is available from the [Additional course requirements and costs](#) website.

## Pathways to Further Study

On successful completion of this course, you will be eligible to apply for entry into the Master of Design (Urban Design) or the Master of Design (Research), provided you have met entry requirements.

## Professional Recognition

This course has accreditation from the Australian Institute of Landscape Architects (AILA). Graduates can apply for membership of this professional organisation.

## Domestic Course structure Customise your degree

Your landscape architecture design course consists of 17 units in your primary major and four units that are common to all six design majors (architectural studies, fashion, industrial design, interactive and visual design, interior design or landscape architecture).

An additional eight units are taken outside your primary major. After studying for a year you can:

- choose a second major# (eight units from any approved QUT degree), or

- choose two minors (a minor is a specific set of four units drawn from
- courses throughout QUT), or
- choose one minor and four electives.

Minors and majors allow you to tailor your studies to suit your interests and career aspirations. Minors give you breadth of knowledge from two other areas and a second major provides depth in one area.

This means eight units of your course (one quarter of your degree) are taken from outside your primary major. You'll work alongside students from other disciplines because that is how it will be when you graduate and work in the real world of design. The possibilities are almost endless. Here are some examples that might inspire ideas:

- an architecture student could take a minor in interior design and a work integrated learning minor to gain professional industry experience
- a landscape architecture student could take a language minor such as Italian to help them work overseas
- an interior design student could take a second major in industrial design to aid their ambition to design and manufacture their own range of office furniture
- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
- a fashion student could take a minor in business and another in interior design to help meet their dream of launching their own concept fashion store
- an interactive and visual design student could take a second major in advertising or marketing and work as a designer for a leading digital agency.

And remember - your second major or minors could be in film, creative writing, music, visual arts, drama or other disciplines across QUT.#

## Your course

### Year 1

- set the groundwork for your landscape design studies
- three foundation units covering design, design history and sustainability
- two units of core landscape design studios

# Bachelor of Design (Honours) (Landscape Architecture)

- units in plant studies, landscape construction and visual communication

## Year 2

- two key landscape design studios
- study place theory, environmental psychology and site planning
- explore landscape ecology and physical geography
- units in landscape construction and landscape horticulture
- two units from your second major or minor

## Year 3

- complete four units for your second major or minor
- two landscape design studios
- focus on planting design and detailed design resolution
- combine design with landscape construction
- critique the history of landscape design and contemporary landscape design trends

## Year 4

- further expand your design expertise
- study two units in advanced landscape design
- study a wide range of urban and regional sites and scenarios
- complete units in your chosen second major/minor
- study professional practice and law, and research methods

## Second degree

Undertaking a second major in one of the six design disciplines also gives you the option of obtaining a second degree\*.

After graduation, you can return to complete the remaining 12 units (or equivalent) from your second major to obtain a second qualification. This is usually undertaken part time over two years while working.

Note: This is not a double degree because it is not undertaken simultaneously with the first degree.

## Example

A student completes a Bachelor of Design (Honours) (Industrial Design) with a second major in interactive and visual design.

They can then return to complete units in interactive and visual design and graduate with a second design degree in interactive and visual design.

\* To pursue a second design degree, this second major must be an approved set of eight units from within a Bachelor of Design (Honours) primary major.

# The choice of second majors may be limited in some disciplines.

## Study overseas

Study overseas while gaining 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. Saving your electives for exchange will allow you the most flexibility. For more information, visit [QUT student exchange](#).

## International Course structure

### Customise your degree

Your landscape architecture design course consists of 17 units in your primary major and four units that are common to all six design majors (architectural studies, fashion, industrial design, interactive and visual design, interior design or landscape architecture).

An additional eight units are taken outside your primary major. After studying for a year you can:

- choose a second major# (eight units from any approved QUT degree), or
- choose two minors (a minor is a specific set of four units drawn from
- courses throughout QUT), or
- choose one minor and four electives.

Minors and majors allow you to tailor your studies to suit your interests and career aspirations. Minors give you breadth of knowledge from two other areas and a second major provides depth in one area.

This means eight units of your course (one quarter of your degree) are taken from

outside your primary major. You'll work alongside students from other disciplines because that is how it will be when you graduate and work in the real world of design. The possibilities are almost endless. Here are some examples that might inspire ideas:

- an architecture student could take a minor in interior design and a work integrated learning minor to gain professional industry experience
- a landscape architecture student could take a language minor such

as Italian to help them work overseas

- an interior design student could take a second major in industrial design to aid their ambition to design and manufacture their own range of office furniture
- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
- a fashion student could take a minor in business and another in interior design to help meet their dream of launching their own concept fashion store
- an interactive and visual design student could take a second major in advertising or marketing and work as a designer for a leading digital agency.

And remember - your second major or minors could be in film, creative writing, music, visual arts, drama or other disciplines across QUT. #

## Your course

### Year 1

- set the groundwork for your landscape design studies
- three foundation units covering design, design history and sustainability
- two units of core landscape design studios
- units in plant studies, landscape construction and visual communication

### Year 2

- two key landscape design studios
- study place theory, environmental psychology and site planning
- explore landscape ecology and physical geography
- units in landscape construction and landscape horticulture
- two units from your second major or minor

### Year 3

- complete four units for your second major or minor
- two landscape design studios
- focus on planting design and detailed design resolution
- combine design with landscape construction
- critique the history of landscape design and contemporary landscape design trends

### Year 4

- further expand your design expertise
- study two units in advanced landscape design
- study a wide range of urban and

## Bachelor of Design (Honours) (Landscape Architecture)

- regional sites and scenarios
- complete units in your chosen second major/minor
- study professional practice and law, and research methods

### Second degree

Undertaking a second major in one of the six design disciplines also gives you the option of obtaining a second degree\*.

After graduation, you can return to complete the remaining 12 units (or equivalent) from your second major to obtain a second qualification. This is usually undertaken part time over two years while working.

Note: This is not a double degree because it is not undertaken simultaneously with the first degree.

### Example

A student completes a Bachelor of Design (Honours) (Industrial Design) with a second major in interactive and visual design.

They can then return to complete units in interactive and visual design and graduate with a second design degree in interactive and visual design.

\* To pursue a second design degree, this second major must be an approved set of eight units from within a Bachelor of Design (Honours) primary major.

# The choice of second majors may be limited in some disciplines.

### Study Overseas

Study overseas while gaining 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. Saving your electives for exchange will allow you the most flexibility. For more information, visit [QUT student exchange](#).



## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	DE43
CRICOS	096565B
Duration (full-time)	3 years
Duration (part-time domestic)	6 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2022: CSP \$8,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,500 per year full-time (96 credit points)
Total credit points	288
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Course Coordinator	For more information email: <a href="mailto:askqut@qut.edu.au">askqut@qut.edu.au</a> ; ph: 07 3138 2000

Year	2022
QUT code	DE43
CRICOS	096565B
Duration (full-time)	3 years
Duration (part-time domestic)	6 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,500 per year full-time (96 credit points)
Total credit points	288
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To meet the course requirements for the Bachelor of Design (Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of both: four architecture design specialisation units (48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

## 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.

## International Course structure

To meet the course requirements for the Bachelor of Design (Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of both: four architecture design specialisation units (48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

## 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.

## Sample Structure Semesters

- [Semester 1 \(February\) commencing](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Semester 2 \(July\) commencing](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencing</b>	
<b>Year 1, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
<b>Year 1, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Note: Students considering studying overseas in Year 2 Semester 2 must	

## Bachelor of Design (Architecture)

apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
A Complementary Studies unit	
<b>Year 2, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
<b>Year 3, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Complementary Studies unit	
<b>Year 3, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
A Complementary Studies unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB102	Impact Lab 2: People
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	

<b>Year 3, Semester 1</b>	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
DAB311	Systems and Structures
DAB211	Environmental Principles of Architectural Design
<b>Year 3, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
A Complementary Studies unit	
<b>Year 4, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Complementary Studies unit	
A Complementary Studies unit	

### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent:

	Materials
DYB114	Spatial Histories
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
<b>Year 4, Semester 1</b>	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
<b>Year 5, Semester 1</b>	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
<b>Year 5, Semester 2</b>	
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Note: DYB201 Impact Lab 3: Planet will be offered in semester 2 only in 2020. It will be offered in semester 1 and semester 2 from 2021.	
<b>Year 6, Semester 1</b>	
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
KKB341	Work Integrated Learning 1
DYB301	Impact Lab 4: Purpose
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Complementary Studies unit	
<b>Year 6, Semester 2</b>	
A Complementary Studies unit	
A Complementary Studies unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place

## Bachelor of Design (Architecture)

DYB113	Create and Represent: Materials
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
<b>Year 3, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
<b>Year 3, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Note: DYB201 Impact Lab 3: Planet will be offered in semester 2 only in 2020. It will be offered in semester 1 and semester 2 from 2021.	
<b>Year 4, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
<b>Year 4, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
<b>Year 5, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
<b>Year 5, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
<b>Year 6, Semester 1</b>	
A Complementary Studies unit	
A Complementary Studies unit	
<b>Year 6, Semester 2</b>	
DAB312	Building Services
A Complementary Studies unit	
<b>Year 7, Semester 1</b>	
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Complementary Studies unit	

Year	2022
QUT code	DE43
CRICOS	096565B
Duration (full-time)	3 years
Duration (part-time domestic)	6 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,500 per year full-time (96 credit points)
Total credit points	288
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To meet the course requirements for the Bachelor of Design (Interior Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the interior architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of both: design specialisation units (minimum 48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

## 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.

## International Course structure

To meet the course requirements for the Bachelor of Design (Interior Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points),

including four shared foundation units (48 credit points) and 96 credit points from the interior architecture discipline

- four school-wide impact lab units (48 credit points)
- complementary studies, made up of both: design specialisation units (minimum 48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

## 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.

## Sample Structure Semesters

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- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DTB101	Interior Studio: Interiority
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Year 1, Semester 2	
DTB102	Interior Studio: Inhabitation
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
Year 2, Semester 1	
DTB200	Interior Access and

## Bachelor of Design (Interior Architecture)

	Assemblies
DTB204	Interior Studio: Inclusion
A Design Specialisation unit	
A Complementary Studies unit	
Year 2, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
A Design Specialisation unit	
A Complementary Studies unit	
Year 3, Semester 1	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
A Complementary Studies unit	
Year 3, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
A Design Specialisation unit	
A Complementary Studies unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
A Complementary Studies unit	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB102	Impact Lab 2: People
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitation
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
A Design Specialisation unit	
Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
A Design Specialisation unit	
A Complementary Studies unit	
Year 3, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems

A Design Specialisation unit	
A Complementary Studies unit	
Year 4, Semester 1	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
A Complementary Studies unit	

### Semesters

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- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
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- [Year 6, Semester 2](#)
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Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Year 1, Semester 2	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitation
DYB102	Impact Lab 2: People
Year 3, Semester 1	

DTB200	Interior Access and Assemblies
A Design Specialisation unit	
Year 3, Semester 2	
DTB205	Design Psychology
A Complementary Studies unit	
Year 4, Semester 1	
DTB204	Interior Studio: Inclusion
A Design Specialisation unit	
Year 4, Semester 2	
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Year 5, Semester 1	
DTB304	Design in Society
A Design Specialisation unit	
Year 5, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
Year 6, Semester 1	
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Complementary Studies unit	
Year 6, Semester 2	
A Design Specialisation unit	
A Complementary Studies unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB111	Create and Represent: Form
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitation
DYB114	Spatial Histories
Year 3, Semester 1	
DYB102	Impact Lab 2: People
A Design Specialisation unit	
Year 3, Semester 2	
DTB205	Design Psychology
A Complementary Studies unit	
Year 4, Semester 1	
DYB112	Spatial Materiality
A Design Specialisation unit	
Year 4, Semester 2	

## Bachelor of Design (Interior Architecture)

DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Year 5, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
Year 5, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
Year 6, Semester 1	
A Design Specialisation unit	
A Complementary Studies unit	
Year 6, Semester 2	
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
Year 7, Semester 1	
DTB304	Design in Society
A Complementary Studies unit	

Year	2022
QUT code	DE43
CRICOS	096565B
Duration (full-time)	3 years
Duration (part-time domestic)	6 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,500 per year full-time (96 credit points)
Total credit points	288
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Assumed knowledge

Before you start this course we assume you have sound knowledge in these areas

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## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To meet the course requirements for the Bachelor of Design (Landscape Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the landscape architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of both: design specialisation units (minimum 48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

## Study overseas

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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.

## International Course structure

To meet the course requirements for the Bachelor of Design (Landscape Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points),

including four shared foundation units (48 credit points) and 96 credit points from the landscape architecture discipline

- four school-wide impact lab units (48 credit points)
- complementary studies, made up of both: design specialisation units (minimum 48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

## Study overseas

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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.

## Sample Structure Semesters

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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DLB101	Landscape Studio 1
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Year 1, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
Year 2, Semester 1	
DLB201	Landform, Technology and



## Bachelor of Design (Landscape Architecture)

	Techniques
DLB202	Landscape, People and Place Studio
A Design Specialisation unit	
A Complementary Studies unit	
Year 2, Semester 2	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
A Design Specialisation unit	
A Complementary Studies unit	
Year 3, Semester 1	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
A Complementary Studies unit	
Year 3, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
A Design Specialisation unit	
A Complementary Studies unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
A Complementary Studies unit	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
A Design Specialisation unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
A Design Specialisation unit	
A Complementary Studies unit	
Year 3, Semester 2	

DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
A Design Specialisation unit	
A Complementary Studies unit	
Year 4, Semester 1	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
A Complementary Studies unit	

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- [Year 2, Semester 2](#)
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- [Year 3, Semester 2](#)
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- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
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- [Year 6, Semester 1](#)
- [Year 6, Semester 2](#)
- [Year 7, Semester 1](#)

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Year 1, Semester 2	
DYB114	Spatial Histories
DYB113	Create and Represent: Materials
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Year 2, Semester 2	

DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
A Design Specialisation unit	
Year 3, Semester 2	
DLB204	Planting Design Studio
A Complementary Studies unit	
Year 4, Semester 1	
DLB202	Landscape, People and Place Studio
A Design Specialisation unit	
Year 4, Semester 2	
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Year 5, Semester 1	
DLB301	Landscape Ecology
A Design Specialisation unit	
Year 5, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Year 6, Semester 1	
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Complementary Studies unit	
Year 6, Semester 2	
A Design Specialisation unit	
A Complementary Studies unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Year 2, Semester 1	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Year 3, Semester 1	
DLB101	Landscape Studio 1
A Design Specialisation unit	
Year 3, Semester 2	
DLB204	Planting Design Studio
A Complementary Studies unit	

## Bachelor of Design (Landscape Architecture)

### Year 4, Semester 1

DYB102 Impact Lab 2: People

A Design Specialisation unit

### Year 4, Semester 2

DYB201 Impact Lab 3: Planet

A Complementary Studies unit

### Year 5, Semester 1

DLB201 Landform, Technology and Techniques

A Design Specialisation unit

### Year 5, Semester 2

DLB302 Landscape Materiality and Constructs

DLB303 Resilient Landscapes Studio

### Year 6, Semester 1

DLB202 Landscape, People and Place Studio

A Complementary Studies unit

### Year 6, Semester 1

One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):

DYB301 Impact Lab 4: Purpose

KKB341 Work Integrated Learning 1

KKB350 Creative Industries Study Tour

UXB301 Professional Practice

A Design Specialisation unit

### Year 7, Semester 1

DLB301 Landscape Ecology

A Complementary Studies unit

Year	2022
QUT code	DE45
CRICOS	096566A
Duration (full-time)	4 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2022: CSP \$8,600 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February Majors: Architecture, Industrial Design, Interaction Design, Interior Architecture, Landscape Architecture, Visual Communication. Fashion is available in February only.
Int. Start Months	July, February Majors: Architecture, Industrial Design, Interaction Design, Interior Architecture, Landscape Architecture, Visual Communication. Fashion is available in February only.
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; email: askqut@qut.edu.au; ph: 07 3138 2000

## Domestic 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)

## International Entry requirements

### Prerequisites for Fashion

- Successful portfolio; and
- Successful completion of Australian Year 12 or comparable qualification

### Application checklist

Please send the following documents along with your [F Form](#) to QUT.

Applications submitted after November 30 in any given year may not be assessed in time for commencement of study in Semester 1 of the following year. You may post or e-mail your application.

- F Form; and
- Portfolio of your work

Please send copies only – documents will not be returned.

### Portfolio requirements

- [Portfolio requirements](#)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

Year	2022
QUT code	DE45
CRICOS	096566A
Duration (full-time)	4 years
ATAR/Selection rank	91.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,600 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To meet the course requirements for the Bachelor of Design - International (Architecture), you must complete a total of 384 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of: four architecture design specialisation units (48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).
- an international study year (96 credit points).

Note: Bachelor of Design - International is being introduced progressively, with first year introduced in 2019 and fourth year in 2022.

## Special conditions

You'll need to meet certain criteria to be eligible for your exchange year, including:

- be currently enrolled at QUT (not deferred).
- have a GPA of at least 4.50. This must be maintained up until your

time of departure for exchange.

- you must complete DYB102 Impact Lab 2: People at any stage prior to your exchange.
- be supported by your faculty, who will be asked to confirm your suitability to participate in the exchange program. They will consider any history of not meeting the standards of behaviour outlined in the Student Code of Conduct.
- be financially self-sufficient for the duration of your exchange. You'll need to pay for your own travel and living expenses.
- agree to the key exchange requirements when applying for exchange. These include but are not limited to: Abiding by the QUT code of conduct whilst on exchange. Attending the compulsory pre-departure session. Abiding by all exchange conditions with regards to QUT insurance and registration with Customer Care. More information about this is given on the pre-departure page.

Students who do not meet these requirements will be ineligible.

Where possible QUT will try to ensure students get their preferred study destination, but this cannot be guaranteed. However every student who meets the QUT exchange program requirements, as well as DE45 course requirements, will be able to undertake an overseas study experience.

## International Course structure

To meet the course requirements for the Bachelor of Design - International (Architecture), you must complete a total of 384 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of: four architecture design specialisation units (48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).
- an international study year (96 credit points).

Note: Bachelor of Design - International is being introduced progressively, with first year introduced in 2019 and fourth year in 2022.

## Bachelor of Design - International (Architecture)

### Special conditions

You'll need to meet certain criteria to be eligible for your exchange year, including:

- be currently enrolled at QUT (not deferred).
- have a GPA of at least 4.50. This must be maintained up until your time of departure for exchange.
- you must complete DYB102 Impact Lab 2: People at any stage prior to your exchange.
- be supported by your faculty, who will be asked to confirm your suitability to participate in the exchange program. They will consider any history of not meeting the standards of behaviour outlined in the Student Code of Conduct.
- be financially self-sufficient for the duration of your exchange. You'll need to pay for your own travel and living expenses.
- agree to the key exchange requirements when applying for exchange. These include but are not limited to: Abiding by the QUT code of conduct whilst on exchange. Attending the compulsory pre-departure session. Abiding by all exchange conditions with regards to QUT insurance and registration with Customer Care. More information about this is given on the pre-departure page.

Students who do not meet these requirements will be ineligible.

Where possible QUT will try to ensure students get their preferred study destination, but this cannot be guaranteed. However every student who meets the QUT exchange program requirements, as well as DE45 course requirements, will be able to undertake an overseas study experience.

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1 \(Exchange\)](#)
- [Year 3, Semester 2 \(Exchange\)](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2 \(Exchange\)](#)
- [Year 4, Semester 1 \(Exchange\)](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Semester 1 (February) commencements	
Year 1, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Year 1, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Year 2, Semester 1	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
A Complementary Studies unit	
Reminder: You must submit your exchange application by 1 June, for overseas study in Year 3 Semester 1.	
Year 2, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Reminder: you must complete DYB102 Impact Lab 2: People prior to your exchange.	
Year 3, Semester 1 (Exchange)	
48 credit points studied overseas	
Year 3, Semester 2 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Complementary Studies unit	
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
A Complementary Studies unit	

Semester 2 (July) commencements	
Year 1, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB102	Impact Lab 2: People
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Year 2, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Reminder: You must submit your exchange application by 1 November, for overseas study in Year 4 Semester 1.	
Reminder: you must complete DYB102 Impact Lab 2: People prior to your exchange.	
Year 3, Semester 1	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
DAB311	Systems and Structures
DAB211	Environmental Principles of Architectural Design
Year 3, Semester 2 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 1 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
A Complementary Studies unit	
Year 5, Semester 1	
DAB301	Architectural Design 5: Commercial
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Complementary Studies unit	

Code	Title
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Year	2022
QUT code	DE45
CRICOS	096566A
Duration (full-time)	4 years
ATAR/Selection rank	91.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,600 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To meet the course requirements for the Bachelor of Design - International (Interior Architecture), you must complete a total of 384 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the interior architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of: design specialisation units (minimum 48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).
- an international study year (96 credit points).

Note: Bachelor of Design - International is being introduced progressively, with first year introduced in 2019 and fourth year in 2022.

## Special conditions

You'll need to meet certain criteria to be eligible for your exchange year, including:

- be currently enrolled at QUT (not deferred).
- have a GPA of at least 4.50. This must be maintained up until your time of departure for exchange.

- you must complete DYB102 Impact Lab 2: People at any stage prior to your exchange.
- be supported by your faculty, who will be asked to confirm your suitability to participate in the exchange program. They will consider any history of not meeting the standards of behaviour outlined in the Student Code of Conduct.
- be financially self-sufficient for the duration of your exchange. You'll need to pay for your own travel and living expenses.
- agree to the key exchange requirements when applying for exchange. These include but are not limited to: Abiding by the QUT code of conduct whilst on exchange. Attending the compulsory pre-departure session. Abiding by all exchange conditions with regards to QUT insurance and registration with Customer Care. More information about this is given on the pre-departure page.

Students who do not meet these requirements will be ineligible.

Where possible QUT will try to ensure students get their preferred study destination, but this cannot be guaranteed. However every student who meets the QUT exchange program requirements, as well as DE45 course requirements, will be able to undertake an overseas study experience.

## International Course structure

To meet the course requirements for the Bachelor of Design - International (Interior Architecture), you must complete a total of 384 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the interior architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of: design specialisation units (minimum 48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).
- an international study year (96 credit points).

Note: Bachelor of Design - International is being introduced progressively, with first year introduced in 2019 and fourth year in 2022.

## Bachelor of Design - International (Interior Architecture)

### Special conditions

You'll need to meet certain criteria to be eligible for your exchange year, including:

- be currently enrolled at QUT (not deferred).
- have a GPA of at least 4.50. This must be maintained up until your time of departure for exchange.
- you must complete DYB102 Impact Lab 2: People at any stage prior to your exchange.
- be supported by your faculty, who will be asked to confirm your suitability to participate in the exchange program. They will consider any history of not meeting the standards of behaviour outlined in the Student Code of Conduct.
- be financially self-sufficient for the duration of your exchange. You'll need to pay for your own travel and living expenses.
- agree to the key exchange requirements when applying for exchange. These include but are not limited to: Abiding by the QUT code of conduct whilst on exchange. Attending the compulsory pre-departure session. Abiding by all exchange conditions with regards to QUT insurance and registration with Customer Care. More information about this is given on the pre-departure page.

Students who do not meet these requirements will be ineligible.

Where possible QUT will try to ensure students get their preferred study destination, but this cannot be guaranteed. However every student who meets the QUT exchange program requirements, as well as DE45 course requirements, will be able to undertake an overseas study experience.

### Sample Structure

#### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1 \(Exchange\)](#)
- [Year 3, Semester 2 \(Exchange\)](#)
- [Year 4, Semester 1](#)
- [Year 4 Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2 \(Exchange\)](#)
- [Year 4, Semester 1 \(Exchange\)](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
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Semester 1 (February) commencements	
Year 1, Semester 1	
DTB101	Interior Studio: Interiority
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Year 1, Semester 2	
DTB102	Interior Studio: Inhabitation
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Year 2, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
A Design Specialisation unit	
A Complementary Studies unit	
Reminder: You must submit your exchange application by 1 June, for overseas study in Year 3 Semester 1.	
Year 2, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
A Design Specialisation unit	
Reminder: you must complete DYB102 Impact Lab 2: People prior to your exchange.	
A Complementary Studies unit	
Year 3, Semester 1 (Exchange)	
48 credit points studied overseas	
Year 3, Semester 2 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 1	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
A Complementary Studies unit	
Year 4 Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
A Design Specialisation unit	
A Complementary Studies unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
DYB114	Spatial Histories

A Complementary Studies unit	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB102	Impact Lab 2: People
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitation
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
A Design Specialisation unit	
Reminder: You must submit your exchange application by 1 November, for overseas study in Year 4 Semester 1.	
Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
A Design Specialisation unit	
A Complementary Studies unit	
Reminder: you must complete DYB102 Impact Lab 2: People prior to your exchange.	
Year 3, Semester 2 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 1 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
A Design Specialisation unit	
A Complementary Studies unit	
Year 5, Semester 1	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
A Complementary Studies unit	



Year	2022
QUT code	DE45
CRICOS	096566A
Duration (full-time)	4 years
ATAR/Selection rank	91.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,600 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To meet the course requirements for the Bachelor of Design - International (Landscape Architecture), you must complete a total of 384 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the landscape architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of: design specialisation units (minimum 48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).
- an international study year (96 credit points).

Note: Bachelor of Design - International is being introduced progressively, with first year introduced in 2019 and fourth year in 2022.

## Special conditions

You'll need to meet certain criteria to be eligible for your exchange year. [Check your eligibility.](#)

You must also complete DYB102 Impact

Lab 2: People at any stage prior to your exchange.

Where possible QUT will try to ensure you get your preferred study destination, but this cannot be guaranteed. However if you meet the QUT exchange program requirements, as well as DE45 course requirements, you will be able to undertake an overseas study experience.

## Study Plan Progression International Course structure

To meet the course requirements for the Bachelor of Design - International (Landscape Architecture), you must complete a total of 384 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the landscape architecture discipline
- four school-wide impact lab units (48 credit points)
- complementary studies, made up of: design specialisation units (minimum 48 credit points) a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).
- an international study year (96 credit points).

Note: Bachelor of Design - International is being introduced progressively, with first year introduced in 2019 and fourth year in 2022.

## Special conditions

You'll need to meet certain criteria to be eligible for your exchange year, including:

- be currently enrolled at QUT (not deferred).
- have a GPA of at least 4.50. This must be maintained up until your time of departure for exchange.
- you must complete DYB102 Impact Lab 2: People at any stage prior to your exchange.
- be supported by your faculty, who will be asked to confirm your suitability to participate in the exchange program. They will consider any history of not meeting the standards of behaviour outlined in the Student Code of Conduct.
- be financially self-sufficient for the duration of your exchange. You'll need to pay for your own travel and living expenses.
- agree to the key exchange requirements when applying for exchange. These include but are not limited to: Abiding by the QUT code of conduct whilst on

## Bachelor of Design - International (Landscape Architecture)

exchangeAttending the compulsory pre-departure session. Abiding by all exchange conditions with regards to QUT insurance and registration with Customer Care. More information about this is given on the pre-departure page.

Students who do not meet these requirements will be ineligible.

Where possible QUT will try to ensure students get their preferred study destination, but this cannot be guaranteed. However every student who meets the QUT exchange program requirements, as well as DE45 course requirements, will be able to undertake an overseas study experience.

### Sample Structure

#### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1 \(Exchange\)](#)
- [Year 3, Semester 2 \(Exchange\)](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2 \(Exchange\)](#)
- [Year 4, Semester 1 \(Exchange\)](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DLB101	Landscape Studio 1
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
<b>Year 1, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
<b>Year 2, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
A Design Specialisation unit	
A Complementary Studies unit	
Reminder: You must submit your exchange application by 1 June, for	

overseas study in Year 3 Semester 1.	
<b>Year 2, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
A Design Specialisation unit	
A Complementary Studies unit	
Reminder: you must complete DYB102 Impact Lab 2: People prior to your exchange.	
<b>Year 3, Semester 1 (Exchange)</b>	
48 credit points studied overseas	
<b>Year 3, Semester 2 (Exchange)</b>	
48 credit points studied overseas	
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
A Complementary Studies unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
A Design Specialisation unit	
A Complementary Studies unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
A Complementary Studies unit	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
A Design Specialisation unit	
Reminder: You must submit your exchange application by 1 November, for overseas study in Year 4 Semester 1.	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place

Studio	
A Design Specialisation unit	
A Complementary Studies unit	
Reminder: you must complete DYB102 Impact Lab 2: People prior to your exchange.	
<b>Year 3, Semester 2 (Exchange)</b>	
48 credit points studied overseas	
<b>Year 4, Semester 1 (Exchange)</b>	
48 credit points studied overseas	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
A Design Specialisation unit	
A Complementary Studies unit	
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
A Design Specialisation unit	
A Complementary Studies unit	

Year	2022
QUT code	DV43
CRICOS	103171B
Duration (full-time)	4.5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Domestic fee (indicative)	2022: CSP \$8,100 per year full-time (96 credit points). The Master of Landscape Architecture is charged as a domestic tuition fee-paying course. FEE-HELP is available to eligible students.
International fee (indicative)	2022: \$33,500 per year full-time (96 credit points)
Total credit points	432
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

This vertical double degree is made up of DV43 Bachelor of Design (Landscape Architecture) plus DE72 Master of Landscape Architecture. You will be able to progress on to the Master of Landscape Architecture upon successful completion of the bachelor degree. The full vertical double degree normally takes 4.5 years to complete full-time (3 years for the bachelor component plus 1.5 years for Master component).

To meet the course requirements for the Bachelor of Design (Landscape Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the landscape architecture discipline
- four school-wide impact lab units (48 credit points)
- four postgraduate landscape units (48 credit points)
- complementary studies, made up of a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

To meet the course requirements for the Master of Landscape Architecture, you must complete a total of 192 credit points, made up of:

- thirteen core units (192 credit points). Three of these units (72 credit points) are 24-credit-point Studio units.

Note: The four postgraduate landscape units completed in DV43 Bachelor of Design will contribute to the Master of Landscape Architecture leaving nine core units (144 credit points) remaining.

Some units may be offered fully online or online with a face-to-face component.

## 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.

## International Course structure

This vertical double degree is made up of DV43 Bachelor of Design (Landscape Architecture) plus DE72 Master of Landscape Architecture. You will be able to progress on to the Master of Landscape Architecture upon successful completion of the bachelor degree. The full vertical double degree normally takes 4.5 years to complete full-time (3 years for the bachelor component plus 1.5 years for Master component).

To meet the course requirements for the Bachelor of Design (Landscape Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the landscape architecture discipline
- four school-wide impact lab units (48 credit points)
- four postgraduate landscape units (48 credit points)
- complementary studies, made up of a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

To meet the course requirements for the Master of Landscape Architecture, you must complete a total of 192 credit points, made up of:

- thirteen core units (192 credit points). Three of these units (72 credit points) are 24-credit-point Studio units.

Note: The four postgraduate landscape units completed in DV43 Bachelor of Design will contribute to the Master of

## Bachelor of Design (Landscape Architecture)/Master of Landscape Architecture

Landscape Architecture leaving nine core units (144 credit points) remaining.

Some units may be offered fully online or online with a face-to-face component.

### 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.

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [DV43 Bachelor of Design component](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [DE72 Master of Landscape Architecture component](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Semester 2 \(July\) commencements](#)
- [DV43 Bachelor of Design component](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [DE72 Master of Landscape Architecture component](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>DV43 Bachelor of Design component</b>	
<b>Year 1, Semester 1</b>	
DLB101	Landscape Studio 1
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
<b>Year 1, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Note: Students considering studying	

overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
A Complementary Studies unit	
A Complementary Studies unit	
<b>Year 2, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
A Complementary Studies unit	
<b>Year 3, Semester 1</b>	
DLB301	Landscape Ecology
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
<b>Year 3, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
DLN108	Planning and Policy for Contemporary Issues
DYN107	Decolonised Design
At the end of Year 3 Semester 2, upon successful completion of DV43 Bachelor of Design, you will receive an offer for DE72 Master of Landscape Architecture	
<b>DE72 Master of Landscape Architecture component</b>	
<b>Year 4, Semester 1</b>	
DLN101	Landscape Histories and Criticism
DLN104	Critical Ecologies
DLN111	Studio: Climate-Responsive Design
DYN203	Integrated Professional Practice
<b>Year 4, Semester 2</b>	
DLN115	Studio: Urban Spaces
DYN106	Sustainable Urban Design: Approaches and Principles
DYN207	Management and Administration of Projects
<b>Year 5, Semester 1</b>	
DLN215	Studio: Advanced Practice
DYN211	Studio: Communities
<b>Semester 2 (July) commencements</b>	

<b>DV43 Bachelor of Design component</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
A Complementary Studies unit	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
A Complementary Studies unit	
A Complementary Studies unit	
<b>Year 3, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
DLN108	Planning and Policy for Contemporary Issues
DYN107	Decolonised Design
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
At the end of Year 4 Semester 1, upon successful completion of DV43 Bachelor of Design, you will receive an offer to DE72 Master for Landscape Architecture	
<b>DE72 Master of Landscape Architecture component</b>	
<b>Year 4, Semester 2</b>	
DLN115	Studio: Urban Spaces
DYN106	Sustainable Urban Design: Approaches and Principles

## Bachelor of Design (Landscape Architecture)/Master of Landscape Architecture

DYN207	Management and Administration of Projects
Year 5, Semester 1	
DLN101	Landscape Histories and Criticism
DLN104	Critical Ecologies
DLN111	Studio: Climate-Responsive Design
DYN203	Integrated Professional Practice
Year 5, Semester 2	
DLN215	Studio: Advanced Practice
DYN211	Studio: Communities

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for all primary majors in this course.

## Complementary Studies

You have the opportunity to undertake a second major or two minors. A second major is a set of eight units (96 credit points) in the same discipline. A minor is a set of four units (48 credit points) in the same discipline. You will select your primary major, second major and/or minors after the completion of your first year.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Course Design

Your QUT Bachelor of Engineering (Honours) degree consists of 384 credit points (32 units) arranged as follows:

(a) First Year: Four (4) core units 48cp + two (2) Discipline Foundation units 24cp + two (2) option units 24cp (96 credit points)

(b) Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

Available Majors are:

- Civil
- Computer and Software Systems
- Electrical
- Electrical and Aerospace
- Mechatronics
- Mechanical
- Medical, or
- Process

(c) Complementary Studies: 1 x Second Major (8 unit set) or 2 x Minor (4 unit set each) from the options specified for your chosen major. (96 credit points)

## Pathways to Further Study

The (EN01) Bachelor of Engineering (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs.

## Sample Structure

Code	Title
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

## Bachelor of Engineering (Honours)

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

Plus 36cp from ONE of the Engineering Foundation Strands

If you're intended to select Medical Engineering Major, please refer your first year study plan at [Medical major 1st Year - July Entry](#)

Code	Title
<b>Year 1 - Semester 2</b>	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
PVB101 is the substitute unit of EGB113 in semester 2	
Plus select 12cp (1 unit) from ONE of the Engineering Foundation Strands	
<b>Year 2 - Semester 1</b>	
MZB126	Engineering Computation
EGB111	Foundation of Engineering Design
Plus select 24cp (2 units) from ONE of the Engineering Foundation Strands	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	askqut@qut.edu.au +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

## IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Process) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit



## Bachelor of Engineering (Honours) (Chemical Process)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
EGB121	Engineering Mechanics
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 2, Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
EGB322	Thermodynamics
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	
EGB361	Minerals Processing
EGB362	Operations Management and Process Economics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB364	Process Modelling
EGH404	Research in Engineering Practice
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH463	Process Design
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	

EGH400-2	Research Project 2
EGH423	Fluid Dynamics
EGH462	Process Control
2nd Major/Minor Unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
EGB261	Unit Operations
EGB262	Process Principles
EGB323	Fluid Mechanics
2nd Major/Minor Unit	
<b>Year 2, Semester 2</b>	
CVB101	General Chemistry
EGB322	Thermodynamics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	
EGB361	Minerals Processing
EGB362	Operations Management and Process Economics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB364	Process Modelling
EGH404	Research in Engineering Practice
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1

## Bachelor of Engineering (Honours) (Chemical Process)

EGH463	Process Design
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH423	Fluid Dynamics
EGH462	Process Control
2nd Major/Minor Unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
EGB121	Engineering Mechanics

EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
EGB322	Thermodynamics
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB364	Process Modelling
EGH422	Heat Transfer
EGH423	Fluid Dynamics
2nd Major/Minor Unit	
<b>Year 4, Semester 1</b>	
EGB361	Minerals Processing
EGB362	Operations Management and Process Economics
EGH404	Research in Engineering Practice
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control
2nd Major/Minor Unit	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
EGH463	Process Design
2nd Major/Minor Unit	
2nd Major/Minor Unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)
- [Associate Degree in Civil Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive

- 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma
- Up to 1.5 years (144 credit points) credit transfer and be able to complete the degree in 2.5 to 3 years as a full-time student if you complete the associate degree

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Civil) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of

## Bachelor of Engineering (Honours) (Civil)

course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major(192 credit points): one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp
- Complementary studies(96 credit points): one x second major or two x minor .

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major(192 credit points): one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp
- Complementary studies(96 credit points): one x second major or two x minor .

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
EGB121	Engineering Mechanics
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 2, Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 3, Semester 1</b>	
EGB375	Design of Concrete Structures
EGH473	Advanced Geotechnical Engineering
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice

EGH472	Advanced Highway and Pavement Engineering
2nd Major/Minor unit	
One Advanced Civil Unit from:	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
2nd Major/Minor unit	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH479	Advances in Civil Engineering Practice
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 2, Semester 2</b>	

## Bachelor of Engineering (Honours) (Civil)

EGB273	Principles of Construction
EGB373	Geotechnical Engineering
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 3, Semester 1</b>	
EGB375	Design of Concrete Structures
EGH473	Advanced Geotechnical Engineering
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH472	Advanced Highway and Pavement Engineering
EGH475	Advanced Concrete Structures
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
2nd Major/Minor unit	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH479	Advances in Civil Engineering Practice
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics
<b>Year 2, Semester 1</b>	
EGB121	Engineering Mechanics
EGB270	Civil Engineering Materials
MZB127	Engineering Mathematics and Statistics
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
EGB273	Principles of Construction
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB272	Traffic and Transport Engineering
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGB373	Geotechnical Engineering
EGB376	Steel Design
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
<b>Year 4, Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
Select one of:	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
EGH479	Advances in Civil Engineering Practice
2nd Major/Minor unit	
<b>Year 5, Semester 1</b>	

EGH400-2	Research Project 2
2nd Major/Minor unit	
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Computer and Software Systems) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

## Bachelor of Engineering (Honours) (Computer and Software Systems)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

#### Please note -

This is an example study plan for students on a relatively standard progression, however, depending on which units and second majors/minors you choose, you may need to deviate from that plan. Please contact your Subject Area Coordinator **Dr Wayne Kelly**, Email: [w.kelly@qut.edu.au](mailto:w.kelly@qut.edu.au) if you wish to discuss your study plan options.

### Semesters

- [Year 1, Semester 1 - Feb entry](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1 - Feb entry</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
MZB127	Engineering Mathematics and Statistics
EGB120	Foundations of Electrical Engineering
CAB201	Programming Principles
CAB240	Information Security
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
<b>Year 2, Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
CAB301	Algorithms and Complexity
CAB302	Software Development
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
CAB432	Cloud Computing
EGH404	Research in Engineering Practice

Advanced Computer and Software Systems Unit Option	
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer and Software Systems Unit Option	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

#### Please note -

This is an example study plan for students on a relatively standard progression, however, depending on which units and second majors/minors you choose, you may need to deviate from that plan. Please contact your Subject Area Coordinator **Dr Wayne Kelly**, Email: [w.kelly@qut.edu.au](mailto:w.kelly@qut.edu.au) if you wish to discuss your study plan options.

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
CAB201	Programming Principles
EGB242	Signal Analysis
2nd Major/Minor unit	
2nd Major/Minor unit	

## Bachelor of Engineering (Honours) (Computer and Software Systems)

Year 2, Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 1	
CAB301	Algorithms and Complexity
CAB302	Software Development
EGB240	Electronic Design
2nd Major/Minor unit	
Year 3, Semester 2	
CAB403	Systems Programming
CAB432	Cloud Computing
EGH404	Research in Engineering Practice
2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Electrical Unit Option	
2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Electrical or Software Unit Option	
2nd Major/Minor unit	

### Please note -

This is an example study plan for students on a relatively standard progression, however, depending on which units and second majors/minors you choose, you may need to deviate from that plan. Please contact your Subject Area Coordinator **Dr Wayne Kelly**, Email: [w.kelly@qut.edu.au](mailto:w.kelly@qut.edu.au) if you wish to discuss your study plan options.

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
Year 1, Semester 2 (July)	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science

EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 2, Semester 1	
CAB201	Programming Principles
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2, Semester 2	
CAB240	Information Security
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
2nd Major/Minor unit	
Year 3, Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
CAB302	Software Development
2nd Major/Minor unit	
Year 3, Semester 2	
CAB403	Systems Programming
Intermediate Electrical Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 1	
EGH404	Research in Engineering Practice
Advanced Electrical Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Software or Advanced Electrical	
Year 5, Semester 1	
EGH400-2	Research Project 2
EGH456	Embedded Systems
2nd Major/Minor unit	
2nd Major/Minor unit	



Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Electrical and Aerospace) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

# Bachelor of Engineering (Honours) (Electrical and Aerospace)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

## International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

## Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
EGB242	Signal Analysis
EGB243	Aircraft Systems and Flight
<b>Year 2, Semester 2</b>	
2nd Major/Minor unit	
EGB346	Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB349	Systems Engineering and Design Project
Advanced Electrical and Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGB345	Control and Dynamic Systems
EGH404	Research in Engineering Practice
EGH450	Advanced Unmanned Aircraft Systems
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH445	Modern Control

2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Unit Option	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

## Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
EGB242	Signal Analysis
EGB243	Aircraft Systems and Flight
<b>Year 2, Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Intermediate Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB349	Systems Engineering and Design Project
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice

## Bachelor of Engineering (Honours) (Electrical and Aerospace)

EGH450	Advanced Unmanned Aircraft Systems
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH445	Modern Control
EGH446	Autonomous Systems
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist	

Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB242	Signal Analysis
EGB346	Unmanned Aircraft Systems
MZB221	Electrical Engineering Mathematics
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGB345	Control and Dynamic Systems
Intermediate Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH404	Research in Engineering Practice
EGH445	Modern Control
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical & Aerospace Unit Option	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Electrical) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

## Bachelor of Engineering (Honours) (Electrical)

- points)
- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 1 - Feb entry](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

- [Year 4, Semester 2](#)
- [Intermediate Electrical Unit Options List](#)
- [Advanced Electrical Unit Options List](#)

Code	Title
<b>Year 1, Semester 1 - Feb entry</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 2, Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Unit Option 1	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB340	Design and Practice
Advanced Electrical Unit Option 2	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
Intermediate Electrical Unit Option 2	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	

EGH400-1	Research Project 1
Advanced Electrical Unit Option 2	
Advanced Electrical Unit Option 3	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
Advanced Electrical Unit Option 4	
Advanced Electrical Unit Option 5	
2nd Major/Minor unit	
<b>Intermediate Electrical Unit Options List</b>	
EGB342	Telecommunications and Signal Processing
EGB345	Control and Dynamic Systems
EGB348	Electronics
<b>Advanced Electrical Unit Options List</b>	
EGH441	Power System Modelling
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
EGH445	Modern Control
EGH446	Autonomous Systems
EGH448	Power Electronics
EGH449	Advanced Electronics
EGH454	Power Systems Management with Renewable & Storage Resources

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

## Bachelor of Engineering (Honours) (Electrical)

- [Intermediate Electrical Unit Options List](#)
- [Advanced Electrical Unit Options List](#)

Code	Title
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
EGB242	Signal Analysis
<b>Year 2, Semester 2</b>	
Intermediate Electrical Option Unit[1]	
Intermediate Electrical Option Unit[2]	
Intermediate Electrical Option Unit[3]	
2nd Major/Minor unit[1]	
<b>Year 3, Semester 1</b>	
EGB340	Design and Practice
Advanced Electrical Option Unit[1]	
Advanced Electrical Option Unit [2]or 2nd Major/Minor unit[2]	
2nd Major/Minor unit[3]	
<b>Year 3, Semester 2</b>	
Advanced Electrical Option Unit[3]	
Advanced Electrical Option Unit[4]	
2nd Major/Minor unit[2] or Advanced Electrical Option Unit [2]	
EGH404	Research in Engineering Practice
<b>Year 4, Semester 1</b>	
EGH400 -1	Research Project 1
2nd Major/Minor unit[4]	
2nd Major/Minor unit[5]	
2nd Major/Minor unit[6]	
<b>Year 4, Semester 2</b>	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit[5]	
2nd Major/Minor unit[7]	
2nd Major/Minor unit[8]	
<b>Intermediate Electrical Unit Options List</b>	
EGB341	Energy Supply and Delivery
EGB342	Telecommunications and Signal Processing
EGB345	Control and Dynamic Systems
EGB348	Electronics
<b>Advanced Electrical Unit Options List</b>	
EGH441	Power System Modelling
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing

EGH445	Modern Control
EGH446	Autonomous Systems
EGH448	Power Electronics
EGH449	Advanced Electronics
EGH454	Power Systems Management with Renewable & Storage Resources
The following unit options have been discontinued, but will still count towards this minor:	
EGH440 Power Systems Analysis (disc 31/12/2018)	

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Intermediate Electrical Unit Options List](#)
- [Advanced Electrical Unit Options List](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	

EGB240	Electronic Design
EGB241	Electromagnetics and Machines
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit 1	
Intermediate Electrical Option Unit 2	
2nd Major/Minor Unit	
<b>Year 4, Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit 1	
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	
EGH400 -1	Research Project 1
Advanced Electrical Option Unit 2	
Advanced Electrical Option Unit 3	
2nd Major/Minor Unit	
<b>Year 5, Semester 1</b>	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit 4	
Advanced Electrical Option Unit 5	
2nd Major/Minor unit	
<b>Intermediate Electrical Unit Options List</b>	
EGB342	Telecommunications and Signal Processing
EGB345	Control and Dynamic Systems
EGB348	Electronics
<b>Advanced Electrical Unit Options List</b>	
EGH441	Power System Modelling
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
EGH445	Modern Control
EGH446	Autonomous Systems
EGH448	Power Electronics
EGH449	Advanced Electronics
EGH454	Power Systems Management with Renewable & Storage Resources

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

candidate for the degree of Bachelor of Engineering (Honours)(Mechanical) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

## Bachelor of Engineering (Honours) (Mechanical)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
EGB125	Design for Manufacture
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
EGB323	Fluid Mechanics
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB322	Thermodynamics
EGB211	Dynamics
2nd Major/Minor unit option	
<b>Year 3, Semester 1</b>	
EGB316	Design of Machine Elements
EGB321	Dynamics of Machines
EGH414	Stress Analysis
2nd Major/Minor unit option	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH420	Mechanical Systems Design
EGH423	Fluid Dynamics
2nd Major/Minor	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH421	Vibration and Control
2nd Major/Minor unit option	
2nd Major/Minor unit option	
<b>Year 4, Semester 2</b>	
EGH400	Research Project 2

-2	
EGH422	Heat Transfer
2nd Major/Minor unit option	
2nd Major/Minor unit option	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
EGB323	Fluid Mechanics
2nd Major/Minor unit option	
<b>Year 2, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
EGB322	Thermodynamics
2nd Major/Minor unit option	
<b>Year 3, Semester 1</b>	
EGB316	Design of Machine Elements
EGB321	Dynamics of Machines
EGH414	Stress Analysis
2nd Major/Minor unit option	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
2nd Major/Minor unit option	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH421	Vibration and Control



## Bachelor of Engineering (Honours) (Mechanical)

2nd Major/Minor unit option
2nd Major/Minor unit option
<b>Year 4, Semester 2</b>
EGH400-2 Research Project 2
EGH420 Mechanical Systems Design
2nd Major/Minor unit option
2nd Major/Minor unit option

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
EGB125	Design for Manufacture
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB211	Dynamics
EGB322	Thermodynamics
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 3, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH422	Heat Transfer

EGH423	Fluid Dynamics
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
EGH421	Vibration and Control
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Mechatronics) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

# Bachelor of Engineering (Honours) (Mechatronics)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

## International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

## Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
EGB220	Mechatronics Design 1
Materials Strand Unit (EGB214) OR 2nd Major/Minor unit	
EGB214	Materials and Manufacturing
OR	
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Dynamics Strand Unit (EGB211) OR 2nd Major/Minor unit	
EGB211	Dynamics
OR	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Advanced Electrical Unit Option OR 2nd major/Minor unit	
2nd major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	

EGH404	Research in Engineering Practice
EGB345	Control and Dynamic Systems
EGH419	Mechatronics Design 3
2nd major/Minor unit OR Advanced Electrical Unit Option	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH445	Modern Control
2nd Major/Minor unit OR Materials Strand unit (EGH414)	
EGH414	Stress Analysis
OR	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH446	Autonomous Systems
2nd Major/Minor unit OR Dynamics Strand unit (EGH413)	
EGH413	Advanced Dynamics
OR	
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

**Please note that the highlighted units must be enrolled in the year and semester specified**

The highlighted units are CAB202, EGB242, EGB345, EGH404, EGH400-1 and EGH400-2.

## Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

## Bachelor of Engineering (Honours) (Mechatronics)

- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
EGB220	Mechatronics Design 1
2nd Major/Minor Unit	
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
EGB320	Mechatronics Design 2
2nd Major/Minor unit	
Intermediate Electrical Unit Option OR 2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB321	Dynamics of Machines
2nd Major/Minor unit	
EGH445	Modern Control
2nd Major/Minor unit	
EGB220	Mechatronics Design 1
2nd major/Minor unit	
OR	
EGH419	Mechatronics Design 3
2nd Major/Minor unit	
Advanced Electrical Unit Option or 2nd Major/Minor unit	
Please note semester of offer changes for EGH445 and EGH446 from 2021: EGH445 has moved to Year 3, Semester 1 or Year 4, Semester 1 in this standard progression. EGH446 has moved to Year 3, Semester 2 or Year 4, Semester 2.	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH413	Advanced Dynamics
2nd Major/Minor unit	
EGB320	Mechatronics Design 2
OR	
EGH446	Autonomous Systems
Intermediate/ Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Please note semester of offer changes for EGH445 and EGH446 from 2021: EGH445 has moved to Year 3, Semester 1 or Year 4, Semester 1 in this standard progression. EGH446 has moved to Year 3, Semester 2 or Year 4, Semester 2.	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH419	Mechatronics Design 3

2nd Major/Minor unit	
EGH445	Modern Control
2nd Major/Minor unit	
Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Please note semester of offer changes for EGH445 and EGH446 from 2021: EGH445 has moved to Year 3, Semester 1 or Year 4, Semester 1 in this standard progression. EGH446 has moved to Year 3, Semester 2 or Year 4, Semester 2.	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH413	Advanced Dynamics
2nd Major/Minor unit	
EGH446	Autonomous Systems
2nd Major/Minor unit	
Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Please note semester of offer changes for EGH445 and EGH446 from 2021: EGH445 has moved to Year 3, Semester 1 or Year 4, Semester 1 in this standard progression. EGH446 has moved to Year 3, Semester 2 or Year 4, Semester 2.	

This is an example study plan for students on a relatively standard progression, however, depending on which units and second majors/minors you choose, you may need to deviate from that plan. Please contact [engineering@qut.edu.au](mailto:engineering@qut.edu.au) if you wish to discuss your study plan options.

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical

Engineering	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
Intermediate Electrical Option	
Select one of:	
EGB211	Dynamics
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	
EGB220	Mechatronics Design 1
Select one of:	
EGB321	Dynamics of Machines
2nd Major/Minor Unit	
Select one of:	
EGB214	Materials and Manufacturing
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 4, Semester 1</b>	
EGH404	Research in Engineering Practice
EGH445	Modern Control
Select one of:	
EGB314	Solid Mechanics
2nd Major/Minor unit	
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH419	Mechatronics Design 3
EGH446	Autonomous Systems
Select one of:	
EGH413	Advanced Dynamics
2nd Major/Minor Unit	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit	
Select one of:	
EGB414	Advanced Materials
2nd Major/Minor Unit	
2nd Major/Minor Unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Medical) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

# Bachelor of Engineering (Honours) (Medical)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

## International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

## Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

## Semesters

- [Year 1, Semester 1 - Feb entry](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)

- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1 - Feb entry</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
EGB125	Design for Manufacture
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
LQB187	Human Anatomy
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
LSB231	Physiology
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB319	Medical Device Design
EGB323	Fluid Mechanics
EGH414	Stress Analysis
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH418	Biomechanics
EGH424	Biofluids
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH438	Biomaterials
2nd Major/Minor unit	
2nd Major/Minor unit	

<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH435	Modelling and Simulation for Medical Engineers
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

## Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards.	
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
LSB231	Physiology
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB319	Medical Device Design
EGB323	Fluid Mechanics
EGH414	Stress Analysis
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice

## Bachelor of Engineering (Honours) (Medical)

EGH418	Biomechanics
EGH424	Biofluids
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH438	Biomaterials
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH435	Modelling and Simulation for Medical Engineers
2nd Major/Minor unit	
2nd Major/Minor unit	

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
EGB125	Design for Manufacture
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB211	Dynamics
EGB322	Thermodynamics
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	

EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 3, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
EGH421	Vibration and Control
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$9,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Dr Paul Donehue

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Overview

This program has been designed to provide you with a real life exposure to a range of urban development disciplines to understand how your chosen course helps to prepare you for a rewarding career in the built environment. You have the opportunity to collaborate with your peers and teaching staff at QUT and to learn in exciting new learning environments. Throughout the course you will experience a range of site visits and fieldwork that will link the theory in lectures to everyday situations in your chosen field of study. You will learn about a range of career opportunities and professional outcomes that will enable you to optimise your experience and potential career. Your major will provide you with in depth knowledge and expertise in an urban development discipline. You will also have the opportunity to undertake a second major or two minors in an area that will broaden your urban development experience and/or complement your first major.

## Course Design

Your QUT Bachelor of Urban Development (Honours) degree consists of 384 credit points (32 units) arranged as follows:

- (a) 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- (b) 216 credit points (18 units) comprising one (1) major from the following:
- Construction Management
  - Quantity Surveying and Cost Engineering
  - Urban and Regional Planning

(c)

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs

## Domestic Course structure Course Design

Your QUT Bachelor of Urban Development (Honours) degree consists of 384 credit points (32 units) arranged as follows:

- (a) 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- (b) 216 credit points (18 units) comprising one (1) major from the following:
- Construction Management
  - Quantity Surveying and Cost Engineering
  - Urban and Regional Planning
- (c) 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each) from the options specified for your chosen major.

## International Course structure Course Design

Your QUT Bachelor of Urban Development (Honours) degree consists of 384 credit points (32 units) arranged as follows:

- (a) 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- (b) 216 credit points (18 units) comprising one (1) major from the following:
- Construction Management
  - Quantity Surveying and Cost Engineering
  - Urban and Regional Planning
- (c) 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each) from the options specified for your chosen major.



Year	2022
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$9,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Paul Donehue
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Overview

The QUT Bachelor of Urban Development (Honours) degree with a primary major (Study Area A) in Construction Management is designed to provide you with 'real-life' exposure, and the knowledge and skills to prepare you for rewarding career the Construction, Development and associated industries. With the capacity, will and innovation to contribute to a better built environment, as a work-ready graduate, you will be able to apply sound judgement and expertise in practice managing complex built environments.

## Course Design

Your QUT Bachelor of Urban Development (Honours) (Construction Management) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- 216 credit points (18 units) of Construction Management discipline units
- 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

### Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

### Construction Management Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher order thinking to an advanced level.

### Complementary Studies Options

#### Second Major:

A choice of one second major from:

#### Urban Development disciplines:

- Urban and Regional Planning Studies
- Property
- Accountancy
- Applied Economics and Finance

(additional second major choices are currently under development)

#### Minors:

A choice of two minors from the lists

below:

## Urban Development disciplines:

- Urban and Regional Planning Studies
- Property Development
- Property Investment and Finance
- Property Valuation

## Other disciplines:

- Language Minors – University Wide Options
- [University Wide Minors](#)

## Special Course Requirements

You are required to obtain a minimum of 80 days of approved construction management industrial experience as part of your Work Integrated Learning core unit.

## Professional Recognition

Graduates are eligible for membership of the Australian Institute of Building (AIB)

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs

## Domestic Course structure

Your QUT Bachelor of Urban Development (Honours) (Construction Management) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning
- 216 credit points (18 units) of construction management discipline units
- 96 credit points of complementary studies comprising of either a second major (8 unit set) or two minors (4 unit set each).

## Urban development core units

These units will engage you in understanding urban development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Construction management major discipline units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary studies options

Complementary studies may be taken as a second major of 96 credit points or two minors of 48 credit points each. Experiential minors in work integrated learning as well as student exchange are also available.

## Second majors

A second major provides the opportunity for you to undertake significant studies in a second urban development discipline such as Property Economics, Urban and Regional Planning, Architectural Studies, Accountancy or Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary non-discipline skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

## Pathways to further study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant masters and/or doctoral level programs.

## International Course structure

Your QUT Bachelor of Urban Development (Honours) (Construction Management) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of urban development core units, which includes a

Professional Practice unit that requires completion of workplace learning

- 216 credit points (18 units) of construction management discipline units
- 96 credit points of complementary studies comprising of either a second major (8 unit set) or two minors (4 unit set each).

## Urban development core units

These units will engage you in understanding urban development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Construction management major discipline units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher order thinking to an advanced level.

## Complementary studies options

Complementary studies may be taken as a second major of 96 credit points or two minors of 48 credit points each. Experiential minors in work integrated learning as well as student exchange are also available.

## Second majors

A second major provides the opportunity for you to undertake significant studies in a second urban development discipline such as Property Economics, Urban and Regional Planning, Architectural Studies, Accountancy or Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in

## Bachelor of Urban Development (Honours) (Construction Management)

the employment marketplace with complementary non-discipline skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

### Pathways to further study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant masters and/or doctoral level programs.

### Sample Structure

#### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
EFB231	Economics
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
UXB115	Introduction to Modern Construction Business
<b>Year 1, Semester 2</b>	
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 2, Semester 1</b>	
UXB210	Commercial Construction
UXB211	Building Services
UXB213	Advanced Measurement for Construction
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
LWS012	Urban Development Law
UXB212	Design for Structures
UXH315	Construction Estimating
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
USB300	Property Development
UXH310	High-rise Construction
UXH311	Contract Administration
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH312	Construction Legislation

2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$9,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Paul Donehue
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Overview

The QUT Bachelor of Urban Development (Honours) degree with a primary major (Study Area A) in Quantity Surveying and Cost Engineering is designed to provide you with 'real-life' exposure, and the knowledge and skills to prepare you for rewarding career the Construction, Resources and associated industries. With the capacity, will and innovation to contribute to a better built environment, as a work-ready graduate, you will be able to apply sound judgement and expertise in practice within your chosen field.

## Course Design

Your QUT Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- 216 credit points (18 units) of Quantity Surveying and Cost Engineering discipline units
- 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

### Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

### Quantity Surveying and Cost Engineering Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher order thinking to an advanced level.

### Complementary Studies Options

#### Second Major:

A choice of one second major from:

#### Urban Development disciplines:

- Urban and Regional Planning Studies
- Property
- Accountancy
- Applied Economics and Finance

(additional second major choices are currently under development)

#### Minors:

# Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering)

A choice of two minors from the lists below:

## Urban Development disciplines:

- Urban and Regional Planning Studies
- Property Development
- Property Investment and Finance
- Property Valuation

## Other disciplines:

- Language Minors – University Wide Options
- [University Wide Minors](#)

## Special Course Requirements

You are required to obtain a minimum of 80 days of approved quantity surveying and cost engineering industrial experience as part of your Work Integrated Learning core unit.

## Professional Recognition

Graduates are eligible for membership of the Australian Institute of Quantity Surveyors (AIQS), the Royal Institution of Chartered Surveyors (RICS) and Board of Quantity Surveyors Malaysia (BQSM).

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs

## Domestic Course structure

Your QUT Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning
- 216 credit points (18 units) of quantity surveying and cost engineering discipline units
- 96 credit points of complementary studies comprising of either a second major (8 unit set) or two minors (4 unit set each).

## Urban development core units

These units will engage you in understanding urban development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific

units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Quantity surveying and cost engineering major discipline units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary studies options

Complementary studies may be taken as a second major of 96 credit points or two minors of 48 credit points each. Experiential minors in work integrated learning as well as student exchange are also available.

## Second majors

A second major provides the opportunity for you to undertake significant studies in a second Urban Development discipline such as Property Economics, Urban and Regional Planning, Architectural Studies, Accountancy or Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary non-discipline skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

## Pathways to further study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant masters and/or doctoral level programs.

## International Course structure

Your QUT Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering) degree

consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of Urban Development Core units, which includes a Professional Practice unit that requires completion of workplace learning.
- 216 credit points (18 units) of Quantity Surveying and Cost Engineering discipline units
- 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

## Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Quantity Surveying and Cost Engineering Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary Studies Options

Complementary studies may be taken as a Second Major of 96 credit points or two Minors of 48 credit points each. Experiential minors in Work Integrated Learning as well as student exchange are also available.

## Second Majors

A second major provides the opportunity for you to undertake significant studies in a second Urban Development discipline such as Property Economics, Urban and Regional Planning, Architectural Studies, Accountancy or Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are

## Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering)

designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary 'non-discipline' skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

### Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs.

### Sample Structure Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
EFB231	Economics
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
UXB115	Introduction to Modern Construction Business
<b>Year 1, Semester 2</b>	
UXB113	Measurement for Construction
UXB114	Integrated Construction
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
<b>Year 2, Semester 1</b>	
UXB210	Commercial Construction
UXB211	Building Services
UXB213	Advanced Measurement for Construction
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
LWS012	Urban Development Law
UXB220	Services and Heavy Engineering Measurement
UXH315	Construction Estimating
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
USB300	Property Development

UXH310	High-rise Construction
UXH311	Contract Administration
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH321	Cost Planning and Controls
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
UXH400-1	Project - Part A
UXH420	Risk Management in the Energy and Resources Sectors
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
UXH312	Construction Legislation
UXH400-2	Project - Part B
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$9,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Paul Donehue
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

### Domestic 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)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Course Overview

The QUT Bachelor of Urban Development (Honours) degree with a primary major (Study Area A) in Urban and Regional Planning is designed to provide you with 'real-life' exposure and knowledge and expertise in the field to design and administer plans and policy at neighbourhood, local, regional and state levels. With the capacity and will to contribute to a better built environment, as a work-ready graduate, you will be able to apply your perceptive sensibilities and skills in practice to create sustainable natural and human environments.

### Course Design

Your QUT Bachelor of Urban Development (Honours) (Urban and Regional Planning) degree consists of 384 credit points (32 units) arranged as follows:

**a)** 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace

learning.

**b)** 216 credit points (18 units) of Urban and Regional Planning discipline units

**c)** 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

### Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

### Urban and Regional Planning Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher order thinking to an advanced level.

### Complementary Studies Options

#### Second Major:

A choice of one second major from:

#### Urban Development disciplines:

- Urban Development Construction
- Property
- Accountancy
- Applied Economics and Finance

(additional second major choices are currently under development)

#### Minors:

A choice of two minors from the lists below:

#### Urban Development disciplines:

- Residential Construction
- Administration in Construction
- Building Economics
- Property Development
- Property Investment and Finance
- Property Valuation

#### Other disciplines:

- Urban Design

# Bachelor of Urban Development (Honours) (Urban and Regional Planning)

- Language Minors – University Wide Options
- [University Wide Minors](#)

## Professional Recognition

Graduates are eligible for membership of the Planning Institute of Australia (PIA)

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs

## Domestic Course structure

Your QUT Bachelor of Urban Development (Honours) (Urban and Regional Planning) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning
- 216 credit points (18 units) of urban and regional planning discipline units
- 96 credit points of complementary studies comprising of either a second major (8 unit set) or two minors (4 unit set each).

## Urban development core units

These units will engage you in understanding urban development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Urban and regional planning major discipline units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary studies options

Complementary studies may be taken as a second major of 96 credit points or two minors of 48 credit points each. Experiential minors in work integrated learning as well as student exchange are

also available.

## Second majors

A second major provides the opportunity for you to undertake significant studies in a second Urban Development discipline such as Property Economics, Construction Management, Architectural Studies, Accountancy, Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary 'non-discipline' skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

## Pathways to further study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant masters and/or doctoral level programs.

## International Course structure

Your QUT Bachelor of Urban Development (Honours) (Urban and Regional Planning) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of Urban Development Core units, which includes a Professional Practice unit that requires completion of workplace learning.
- 216 credit points (18 units) of Urban and Regional Planning discipline units
- 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

## Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental

basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Urban and Regional Planning Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary Studies Options

Complementary studies may be taken as a Second Major of 96 credit points or two Minors of 48 credit points each. Experiential minors in Work Integrated Learning as well as student exchange are also available.

## Second Majors

A second major provides the opportunity for you to undertake significant studies in a second Urban Development discipline such as Property Economics, Construction Management, Architectural Studies, Accountancy, Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

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Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary 'non-discipline' skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs.

## Sample Structure Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)



## Bachelor of Urban Development (Honours) (Urban and Regional Planning)

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
UXB131	Planning and Design Practice
UXB132	Urban Analysis
<b>Year 1, Semester 2</b>	
LWS012	Urban Development Law
UXB133	Urban Studies
UXB134	Land Use Planning
UXB135	Negotiation and Conflict Resolution
<b>Year 2, Semester 1</b>	
EFB231	Economics
UXB231	Stakeholder Engagement
UXB233	Planning Law
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
UXB230	Site Planning
UXB234	Transport Planning
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
USB300	Property Development
UXB330	Urban Design
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH331	Environmental Planning
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
2nd Major/Minor unit	

<b>Year</b>	2022
<b>QUT code</b>	ID12
<b>CRICOS</b>	096567M
<b>Duration (full-time)</b>	4 years
<b>ATAR/Selection rank</b>	70.00
<b>Offer Guarantee</b>	Yes
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$11,900 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$31,200 per year full-time (96 credit points)
<b>Total credit points</b>	384
<b>Credit points full-time sem.</b>	48
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Deferment</b>	You can defer your offer and postpone the start of your course for one year.
<b>Course Coordinator</b>	Program Director, School of Design; Director of Studies, QUT Business School; email: askqut@qut.edu.au; ph: 07 3138 2000
<b>Discipline Coordinator</b>	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

And for Accounting, Finance, Financial Planning, Economics and Marketing majors: General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C).

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

In order to complete this course, you must complete a total of 384 credit points, made up of 192 credit points from the Bachelor of Business and 192 credit points from the Bachelor of Design (Interior Architecture). You will undertake the two components of the double degree concurrently.

## Business component

You must complete:

- business core units (96 credit points)
- a business major (96 credit points), choosing from:
  - accounting
  - advertising
  - economics
  - finance
  - financial planning
  - human resource management
  - international business
  - management
  - marketing
  - public relations.

Accounting students will undertake 6 specified business core units and 10 accounting major core units in order to meet professional recognition requirements.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- the interior architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International Course structure

In order to complete this course, you must complete a total of 384 credit points, made up of 192 credit points from the Bachelor of Business and 192 credit points from the Bachelor of Design (Interior Architecture). You will undertake the two components of the double degree concurrently.

## Business component

You must complete:

- business core units (96 credit points)
- a business major (96 credit points), choosing from:
  - accounting
  - advertising
  - economics
  - finance
  - financial planning
  - human resource management
  - international business
  - management
  - marketing
  - public relations.

Accounting students will undertake 6 specified business core units and 10 accounting major core units in order to meet professional recognition requirements.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- the interior architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Study overseas

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

## Bachelor of Business/Bachelor of Design (Interior Architecture)

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

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitation
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
<b>Year 3, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	

DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Business School Unit	
Business School Unit	
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
Business School Unit	
Business School Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Business School Unit	
Business School Unit	
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitation
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
<b>Year 3, Semester 1</b>	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
Business School Unit	

Business School Unit	
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
Business School Unit	
Business School Unit	
<b>Year 5, Semester 1</b>	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Business School Unit	
Business School Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
<b>Year 2, Semester 2</b>	

## Bachelor of Business/Bachelor of Design (Interior Architecture)

DTB102	Interior Studio: Inhabitation
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
Year 4, Semester 1	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Business School Unit	
Business School Unit	
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
Business School Unit	
Business School Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Business School Unit	
Business School Unit	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitation
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality

Business School Unit	
Business School Unit	
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
Year 4, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
Business School Unit	
Business School Unit	
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
Business School Unit	
Business School Unit	
Year 5, Semester 1	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Business School Unit	
Business School Unit	

### Semesters

- [Year 1 Semester 1](#)
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- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units](#)

Code	Title
Year 1 Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
Year 1 Semester 2	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
Unit BSB151 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	
Year 2 Semester 1	

AYB106	Accounting Processes and Systems
BSB105	The Future Enterprise
Unit from the other degree component	
Unit from the other degree component	
Year 2 Semester 2	
AYB201	Financial Accounting and Reporting
AYB202	Management Accounting
Unit from the other degree component	
Unit from the other degree component	
Year 3 Semester 1	
AYB203	Taxation
BSB152	Financial Management
Unit from the other degree component	
Unit from the other degree component	
Unit BSB152 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	
Year 3 Semester 2	
AYB230	Corporations Law
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
Year 4 Semester 1	
BSB399	Real World Ready - Business Capstone
AYB340	Company Accounting
Unit from the other degree component	
Unit from the other degree component	
Year 4 Semester 2	
AYB301	Audit and Assurance
AYB339	Accountancy Capstone
Unit from the other degree component	
Unit from the other degree component	
Business Core Option Units	
Select one Business Core Option Unit:	
BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
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- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
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- [Business Core Option Units](#)

Code	Title
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## Bachelor of Business/Bachelor of Design (Interior Architecture)

Year 1 Semester 1	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other course component	
Unit from the other course component	
Year 1 Semester 2	
BSB107	Financial Performance and Responsibility
AMB111	Advertising Works
Unit from the other course component	
Unit from the other course component	
Year 2 Semester 1	
BSB108	Business Environment
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Unit from the other course component	
Unit from the other course component	
Year 2 Semester 2	
AMB201	Marketing and Audience Analytics
AMB223	Create Advertising
Unit from the other course component	
Unit from the other course component	
Year 3 Semester 1	
AMB224	Consumers and Media Channels
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
Year 3 Semester 2	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
Year 4 Semester 1	
AMB299	Marketing Communication
AMB330	Digital Optimisation
Unit from the other course component	
Unit from the other course component	
Year 4 Semester 2	
BSB399	Real World Ready - Business Capstone
AMB399	Capstone Experience
Unit from the other course component	
Unit from the other course component	
Business Core Option Units	
Select two units from the following core option units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

### Semesters

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- [Economics Option Units](#)
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- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)
- [Economics Option Units](#)
- [Business Core Option Units](#)

Code	Title
Semester 1 (February) Entry	
This course progression relates to February entry. The course progression for July entry is underneath.	
Year 1 Semester 1	
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
Year 1 Semester 2	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 1	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 2	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 3 Semester 1	
BSB250	Business Citizenship
Select a Business Core Option or Economics Option Unit	

Two units from other degree component	
Two units from other degree component	
Year 3 Semester 2	
Select a Business Core Option or Economics Option Unit	
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 1	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 2	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Economics Option Units	
Select 4 (48cp) from the Economics Unit Options listed below:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
Business Core Option Units	
Select two (24cp) units from the Business Core Options Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
Semester 2 (July) Entry	
This progression relates to mid-year (July) entry.	

## Bachelor of Business/Bachelor of Design (Interior Architecture)

Year 1 Semester 1 (July)	
BSB107	Financial Performance and Responsibility
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
Year 1 Semester 2 (February)	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 1 (July)	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 2 (February)	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 3 Semester 1 (July)	
BSB250	Business Citizenship
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 3 Semester 2 (February)	
Select a Business Core Option unit or Economics Option Unit	
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 1 (July)	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 2 (February)	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Economics Option Units	
Select 4 (48 credit points) from the Economics Unit Options List:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World

EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
Business Core Option Units	
Select 2 (24 credit points) from the Business Core Options List:	
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semesters

- [Year 1 Semester 1](#)
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- [Year 2 Semester 1](#)
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- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units list](#)

Code	Title
Year 1 Semester 1	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
Year 1 Semester 2	
BSB108	Business Environment
EFB231	Economics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 1	
BSB105	The Future Enterprise
EFB201	Financial Markets
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 2	
EFB210	Fundamentals of Finance
EFB222	Introduction to Applied Econometrics

Two units from other degree component	
Two units from other degree component	
Year 3 Semester 1	
BSB250	Business Citizenship
Select a Business Core Option unit	
Two units from other degree component	
Two units from other degree component	
Year 3 Semester 2	
EFB335	Investments
EFB343	Corporate Finance
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 1	
EFB344	Risk Management and Derivatives
EFB360	Finance Capstone
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 2	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Business Core Option Units list	
Select two units (24cp) from the Business Core Options Units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

### Semesters

- [Semester 1 \(February\) Entry](#)
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- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units:](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)
- [Business Core Option Units list:](#)

## Bachelor of Business/Bachelor of Design (Interior Architecture)

Code	Title
<b>Semester 1 (February) Entry</b>	
This course progression relates to February entry. The course progression for July entry is underneath.	
<b>Year 1 Semester 1</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
Select a Business Core Option Unit	
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units	
<b>Year 2 Semester 2</b>	
AYB203	Taxation
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Two units from other degree component	
Two units from other degree component	

Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB105	The Future Enterprise
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units.	
<b>Year 2 Semester 1 (July)</b>	
BSB106	Dynamic Markets
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB250	Personal Financial Planning
AYB203	Taxation
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
AYB240	Superannuation and Retirement Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
AYB232	Financial Services Regulation and Law
AYB346	Financial Plan Construction (Capstone)

Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit.	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list:</b>	
Select two units from the Business Core Option list below:	
BSB152	Financial Management
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units:](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Two units from other degree component.	
Two units from other degree component.	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
MGB130	Managing People
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
MGB131	Introducing Human Resource Management
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 2</b>	
MGB132	Obligations and Options for Employing People
Select a unit from the Business Core Option Unit list.	
Two units from other degree component.	
Two units from other degree component.	

## Bachelor of Business/Bachelor of Design (Interior Architecture)

### Year 3 Semester 1

MGB230	Recruiting and Selecting People
BSB250	Business Citizenship
Two units from other degree component.	
Two units from other degree component.	

### Year 3 Semester 2

MGB231	Developing Talent
MGB232	Managing Performance and Rewards
Two units from other degree component.	
Two units from other degree component.	

### Year 4 Semester 1

MGB371	Contemporary Issues in Human Resource Management
Select a unit from the Business Core Options list.	
Two units from other degree component.	
Two units from other degree component.	

### Year 4 Semester 2

MGB372	Creating Value through People
BSB399	Real World Ready - Business Capstone
Two units from other degree component.	
Two units from other degree component.	

### Business Core Option Units:

Select two units (24cp) from the Business Core Options Units listed below:

BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management

### Semesters

- [Semester 1 \(February\) Entry](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Core Options Units](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)

- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
Semester 1 and Semester 2 commencement follow different core progressions. The Semester 2 (mid-year July) entry course progression is presented below the Semester 1 (February) entry course progression.	
<b>Year 1, Semester 1</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1, Semester 2</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 1</b>	
BSB107	Financial Performance and Responsibility
MGB225	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 2</b>	
AYB227	International Accounting
Select a Business Core Option Unit.	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 1</b>	
MGB340	International Business in the Asia-Pacific
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 2</b>	
EFB240	Finance for International Business
AMB303	International Logistics
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 1</b>	
BSB399	Real World Ready - Business Capstone
AMB336	International Marketing
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 2</b>	
AMB399	Capstone Experience
Select a unit from the Business Core Options List.	
Unit from the other degree component	

Unit from the other degree component

### Core Options Units

Select two units (24 credit points) from the following:

BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semester 2 (July) Entry

The below progression relates to mid-year (July) commencement.

### Year 1 Semester 1 (July)

BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	

### Year 1 Semester 2 (February)

BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	

### Year 2 Semester 1 (July)

BSB107	Financial Performance and Responsibility
MGB225	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	

### Year 2 Semester 2 (February)

AYB227	International Accounting
Select a Business Core Option unit	
Unit from the other degree component	
Unit from the other degree component	

### Year 3 Semester 1 (July)

EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Unit from the other degree component	
Unit from the other degree component	

### Year 3 Semester 2 (February)

AMB303	International Logistics
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	

### Year 4 Semester 1 (July)

AMB336	International Marketing
Select a Business Core Option unit	
Unit from the other degree component	



## Bachelor of Business/Bachelor of Design (Interior Architecture)

Unit from the other degree component
<b>Year 4 Semester 2 (February)</b>
AMB399 Capstone Experience
BSB399 Real World Ready - Business Capstone
Unit from the other degree component
Unit from the other degree component

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Unit List](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
MGB130	Managing People
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
MGB133	Managing Strategy
Select one of the following two units:	
MGB233	Entrepreneurship
MGB234	Managing Knowledge, Innovation, and Creativity
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
MGB235	Monitoring and Managing Operational Performance
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
MGB236	Identifying and Managing Risk
Select a Business Core Option Unit	
Unit from the other degree component	

Unit from the other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone
MGB237	Managing Projects for Performance
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
MGB348	Implementing Sustainable Change
MGB349	Creating Strategic Solutions for Sustainable Business Growth
Unit from the other degree component	
Unit from the other degree component	
<b>Business Core Option Unit List</b>	
Select two from the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB130	Social Enterprises
BSB152	Financial Management
BSB131	Applied Business Analytics

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Notes](#)
- [Marketing Streams](#)
- [Business Core Option Units](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
AMB140	Marketplace Simulation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB108	Business Environment
Select a Business Core Option Unit or a Marketing Stream Unit	

Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
AMB201	Marketing and Audience Analytics
AMB299	Marketing Communication
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB340	Marketing Service Experiences
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Notes</b>	
Select a Business Core Option Unit or a Marketing Stream Unit appears in this structure four times to provide flexibility for when students can undertake their elected two (2) Business Core Option Units and two (2) Marketing Stream units	
<b>Marketing Streams</b>	
Select two units (24 credit points) from the Marketing Streams. Units may be selected from one stream or from multiple streams.	
Consumer Insight Through Data Stream	
AMB305	Analysis for Consumer Insights
AMB306	Designing Consumer Research
Marketing Through Innovation Stream	
AMB211	Branding for the Real World
AMB251	Designing Innovative Goods and Services

## Bachelor of Business/Bachelor of Design (Interior Architecture)

Marketing Across Borders Stream	
AMB120	Bridging Cultures
AMB336	International Marketing
Leisure Industry Marketing Stream	
AMB207	Entertainment Marketing in a Digital World
AMB209	Designing a Competitive Tourism Strategy
Social Change Through Marketing Stream	
AMB255	Avoiding the Dark Side: Marketing, Ethics and Society
AMB355	Marketing Behavioural and Social Change
<b>Business Core Option Units</b>	
Select two units from the following Business Core Options list:	
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semesters

- [Semester 1 \(February\) Entry](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
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- [Business Core Options List](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
There are different course progressions for Semester 1 (February) and Semester 2 (July) commencement. This is the Semester 1 entry course progression. The Semester 2 (July) entry course progression is presented below that.	
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	

<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2</b>	
AMB299	Marketing Communication
AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 1</b>	
AMB373	Issues, Stakeholders and Reputation
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 1</b>	
AMB374	Global Public Relations Cases
BSB399	Real World Ready - Business Capstone
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 2</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Business Core Options List</b>	
Select two of the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	

The below course progression is for mid-year (July) commencement.

<b>Year 1 Semester 1 (July)</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AMB299	Marketing Communication
AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 1 (July)</b>	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 2 (February)</b>	
AMB374	Global Public Relations Cases
AMB373	Issues, Stakeholders and Reputation
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 1 (July)</b>	
BSB399	Real World Ready - Business Capstone
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 2 (February)</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	

<b>Year</b>	2022
<b>QUT code</b>	ID12
<b>CRICOS</b>	096567M
<b>Duration (full-time)</b>	4 years
<b>ATAR/Selection rank</b>	70.00
<b>Offer Guarantee</b>	Yes
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$11,900 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$31,200 per year full-time (96 credit points)
<b>Total credit points</b>	384
<b>Credit points full-time sem.</b>	48
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Deferment</b>	You can defer your offer and postpone the start of your course for one year.
<b>Course Coordinator</b>	Program Director, School of Design; Director of Studies, QUT Business School; email: askqut@qut.edu.au; ph: 07 3138 2000
<b>Discipline Coordinator</b>	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

And for Accounting, Finance, Financial Planning, Economics and Marketing majors: General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C).

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

In order to complete this course, you must complete a total of 384 credit points, made up of 192 credit points from the Bachelor of Business and 192 credit points from the Bachelor of Design (Landscape Architecture). You will undertake the two components of the double degree concurrently.

## Business component

You must complete:

- business core units (96 credit points)
- a business major (96 credit points), choosing from:
  - accounting
  - advertising
  - economics
  - finance
  - financial planning
  - human resource management
  - international business
  - management
  - marketing
  - public relations.

Accounting students will undertake 6 specified business core units and 10 accounting major core units in order to meet professional recognition requirements.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- the landscape architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International Course structure

In order to complete this course, you must complete a total of 384 credit points, made up of 192 credit points from the Bachelor of Business and 192 credit points from the Bachelor of Design (Landscape Architecture). You will undertake the two components of the double degree concurrently.

## Business component

You must complete:

- business core units (96 credit points)
- a business major (96 credit points), choosing from:
  - accounting
  - advertising
  - economics
  - finance
  - financial planning
  - human resource management
  - international business
  - management
  - marketing
  - public relations.

Accounting students will undertake 6 specified business core units and 10 accounting major core units in order to meet professional recognition requirements.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- the landscape architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Study overseas

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

# Bachelor of Business/Bachelor of Design (Landscape Architecture)

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

## Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Business School Unit	
Business School Unit	

<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Business School Unit	
Business School Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Business School Unit	
Business School Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Business School Unit	
Business School Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques

DLB202	Landscape, People and Place Studio
Business School Unit	
Business School Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Business School Unit	
Business School Unit	
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Business School Unit	
Business School Unit	

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1

## Bachelor of Business/Bachelor of Design (Landscape Architecture)

DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Business School Unit	
Business School Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Business School Unit	
Business School Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Business School Unit	
Business School Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB114	Spatial Histories

Business School Unit	
Business School Unit	
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Business School Unit	
Business School Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Business School Unit	
Business School Unit	
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Business School Unit	
Business School Unit	

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- [Business Core Option Units](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets

Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
Unit BSB151 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	
<b>Year 2 Semester 1</b>	
AYB106	Accounting Processes and Systems
BSB105	The Future Enterprise
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
AYB201	Financial Accounting and Reporting
AYB202	Management Accounting
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
AYB203	Taxation
BSB152	Financial Management
Unit from the other degree component	
Unit from the other degree component	
Unit BSB152 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	
<b>Year 3 Semester 2</b>	
AYB230	Corporations Law
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone
AYB340	Company Accounting
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
AYB301	Audit and Assurance
AYB339	Accountancy Capstone
Unit from the other degree component	
Unit from the other degree component	
<b>Business Core Option Units</b>	
Select one Business Core Option Unit:	
BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics

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## Semesters

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Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other course component	
Unit from the other course component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
AMB111	Advertising Works
Unit from the other course component	
Unit from the other course component	
<b>Year 2 Semester 1</b>	
BSB108	Business Environment
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Unit from the other course component	
Unit from the other course component	
<b>Year 2 Semester 2</b>	
AMB201	Marketing and Audience Analytics
AMB223	Create Advertising
Unit from the other course component	
Unit from the other course component	
<b>Year 3 Semester 1</b>	
AMB224	Consumers and Media Channels
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
<b>Year 4 Semester 1</b>	
AMB299	Marketing Communication
AMB330	Digital Optimisation
Unit from the other course component	
Unit from the other course component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
AMB399	Capstone Experience
Unit from the other course component	

Unit from the other course component	
Business Core Option Units	
Select two units from the following core option units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

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- [Economics Option Units](#)
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Code	Title
<b>Semester 1 (February) Entry</b>	
This course progression relates to February entry. The course progression for July entry is underneath.	
<b>Year 1 Semester 1</b>	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2</b>	

EFB222	Introduction to Applied Econometrics
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
BSB250	Business Citizenship
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
Select a Business Core Option or Economics Option Unit	
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Economics Option Units</b>	
Select 4 (48cp) from the Economics Unit Options listed below:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
<b>Business Core Option Units</b>	
Select two (24cp) units from the Business Core Options Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

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BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
BSB250	Business Citizenship
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	
Select a Business Core Option unit or Economics Option Unit	
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business

<b>Capstone</b>	
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Economics Option Units</b>	
Select 4 (48 credit points) from the Economics Unit Options List:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
<b>Business Core Option Units</b>	
Select 2 (24 credit points) from the Business Core Options List:	
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

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Code	Title
<b>Year 1 Semester 1</b>	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB108	Business Environment
EFB231	Economics
Two units from other degree component	

Two units from other degree component	
<b>Year 2 Semester 1</b>	
BSB105	The Future Enterprise
EFB201	Financial Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2</b>	
EFB210	Fundamentals of Finance
EFB222	Introduction to Applied Econometrics
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
BSB250	Business Citizenship
Select a Business Core Option unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
EFB335	Investments
EFB343	Corporate Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB344	Risk Management and Derivatives
EFB360	Finance Capstone
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list</b>	
Select two units (24cp) from the Business Core Options Units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

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Code	Title
<b>Semester 1 (February) Entry</b>	
This course progression relates to February entry. The course progression for July entry is underneath.	
<b>Year 1 Semester 1</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
Select a Business Core Option Unit	
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units	
<b>Year 2 Semester 2</b>	
AYB203	Taxation
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and

	Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units:</b>	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB105	The Future Enterprise
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units.	
<b>Year 2 Semester 1 (July)</b>	
BSB106	Dynamic Markets
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB250	Personal Financial Planning
AYB203	Taxation
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
AYB240	Superannuation and Retirement Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	

EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
AYB232	Financial Services Regulation and Law
AYB346	Financial Plan Construction (Capstone)
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit.	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list:</b>	
Select two units from the Business Core Option list below:	
BSB152	Financial Management
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance

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- [Business Core Option Units:](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Two units from other degree component.	
Two units from other degree component.	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
MGB130	Managing People
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility



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MGB13 1	Introducing Human Resource Management
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 2</b>	
MGB13 2	Obligations and Options for Employing People
Select a unit from the Business Core Option Unit list.	
Two units from other degree component.	
Two units from other degree component.	
<b>Year 3 Semester 1</b>	
MGB23 0	Recruiting and Selecting People
BSB250	Business Citizenship
Two units from other degree component.	
Two units from other degree component.	
<b>Year 3 Semester 2</b>	
MGB23 1	Developing Talent
MGB23 2	Managing Performance and Rewards
Two units from other degree component.	
Two units from other degree component.	
<b>Year 4 Semester 1</b>	
MGB37 1	Contemporary Issues in Human Resource Management
Select a unit from the Business Core Options list.	
Two units from other degree component.	
Two units from other degree component.	
<b>Year 4 Semester 2</b>	
MGB37 2	Creating Value through People
BSB399	Real World Ready - Business Capstone
Two units from other degree component.	
Two units from other degree component.	
<b>Business Core Option Units:</b>	
Select two units (24cp) from the Business Core Options Units listed below:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management

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- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
Semester 1 and Semester 2 commencement follow different core progressions. The Semester 2 (mid-year July) entry course progression is presented below the Semester 1 (February) entry course progression.	
<b>Year 1, Semester 1</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1, Semester 2</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 1</b>	
BSB107	Financial Performance and Responsibility
MGB22 5	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 2</b>	
AYB227	International Accounting
Select a Business Core Option Unit.	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 1</b>	
MGB34 0	International Business in the Asia-Pacific
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 2</b>	
EFB240	Finance for International Business
AMB303	International Logistics
Unit from the other degree component	
Unit from the other degree component	

<b>Year 4, Semester 1</b>	
BSB399	Real World Ready - Business Capstone
AMB336	International Marketing
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 2</b>	
AMB399	Capstone Experience
Select a unit from the Business Core Options List.	
Unit from the other degree component	
Unit from the other degree component	
<b>Core Options Units</b>	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
<b>Semester 2 (July) Entry</b>	
The below progression relates to mid-year (July) commencement.	
<b>Year 1 Semester 1 (July)</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
MGB22 5	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB227	International Accounting
Select a Business Core Option unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1 (July)</b>	
EFB240	Finance for International Business
MGB34 0	International Business in the Asia-Pacific

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Unit from the other degree component
Unit from the other degree component
<b>Year 3 Semester 2 (February)</b>
AMB303 International Logistics
BSB250 Business Citizenship
Unit from the other degree component
Unit from the other degree component
<b>Year 4 Semester 1 (July)</b>
AMB336 International Marketing
Select a Business Core Option unit
Unit from the other degree component
Unit from the other degree component
<b>Year 4 Semester 2 (February)</b>
AMB399 Capstone Experience
BSB399 Real World Ready - Business Capstone
Unit from the other degree component
Unit from the other degree component

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Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
MGB130	Managing People
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
MGB133	Managing Strategy
Select one of the following two units:	
MGB233	Entrepreneurship
MGB234	Managing Knowledge, Innovation, and Creativity
Unit from the other degree component	

Unit from the other degree component	
<b>Year 3 Semester 1</b>	
MGB235	Monitoring and Managing Operational Performance
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
MGB236	Identifying and Managing Risk
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone
MGB237	Managing Projects for Performance
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
MGB348	Implementing Sustainable Change
MGB349	Creating Strategic Solutions for Sustainable Business Growth
Unit from the other degree component	
Unit from the other degree component	
<b>Business Core Option Unit List</b>	
Select two from the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB130	Social Enterprises
BSB152	Financial Management
BSB131	Applied Business Analytics

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Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets

Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
AMB140	Marketplace Simulation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB108	Business Environment
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
AMB201	Marketing and Audience Analytics
AMB299	Marketing Communication
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB340	Marketing Service Experiences
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Notes</b>	
Select a Business Core Option Unit or a Marketing Stream Unit appears in this structure four times to provide flexibility for when students can undertake their elected two (2) Business Core Option Units and two (2) Marketing Stream units	
<b>Marketing Streams</b>	

## Bachelor of Business/Bachelor of Design (Landscape Architecture)

Select two units (24 credit points) from the Marketing Streams. Units may be selected from one stream or from multiple streams.

Consumer Insight Through Data Stream

AMB305	Analysis for Consumer Insights
AMB306	Designing Consumer Research

Marketing Through Innovation Stream

AMB211	Branding for the Real World
AMB251	Designing Innovative Goods and Services

Marketing Across Borders Stream

AMB120	Bridging Cultures
AMB336	International Marketing

Leisure Industry Marketing Stream

AMB207	Entertainment Marketing in a Digital World
AMB209	Designing a Competitive Tourism Strategy

Social Change Through Marketing Stream

AMB255	Avoiding the Dark Side: Marketing, Ethics and Society
AMB355	Marketing Behavioural and Social Change

### Business Core Option Units

Select two units from the following Business Core Options list:

BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semesters

- [Semester 1 \(February\) Entry](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Options List](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
There are different course progressions for Semester 1 (February) and Semester 2 (July) commencement. This is the Semester 1 entry course progression. The Semester 2 (July) entry course progression is presented below that.	
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2</b>	
AMB299	Marketing Communication
AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 1</b>	
AMB373	Issues, Stakeholders and Reputation
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 1</b>	
AMB374	Global Public Relations Cases
BSB399	Real World Ready - Business Capstone
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 2</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Business Core Options List</b>	

Select two of the following Business Core Option Units:

BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
The below course progression is for mid-year (July) commencement.	
<b>Year 1 Semester 1 (July)</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AMB299	Marketing Communication
AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 1 (July)</b>	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 2 (February)</b>	
AMB374	Global Public Relations Cases
AMB373	Issues, Stakeholders and Reputation
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 1 (July)</b>	
BSB399	Real World Ready - Business Capstone
AMB375	Internal Communication and Change
Unit from other degree component	

## Bachelor of Business/Bachelor of Design (Landscape Architecture)

Unit from other degree component
Year 4 Semester 2 (February)
AMB399 Capstone Experience
Select a Business Core Option Unit
Unit from other degree component
Unit from other degree component

Year	2022
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,800 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,200 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

### IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 (Industrial Design) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first four years, and concentrate on engineering studies for the remainder of this course.

## Design component

You will complete:

- four school-wide Impact Lab units (48 credit points)
- the industrial design major (144 credit points), including: four shared foundation units (48 credit points) eight 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 (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

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 (Industrial Design) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first four years, and concentrate on engineering studies for the remainder of this course.

## Design component

You will complete four school-wide Impact Lab units (48 credit points) and the industrial design major (144 credit points) which incorporates four shared foundation units (48 credit points) and eight units (96 credit points) from the discipline.

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

## Engineering component

You will complete four core units (48 credit points), two core option units (24 credit points), two discipline foundation units (24 credit points), eight engineering major units (96 credit points) and eight engineering honours units (96 credit points). You will choose a major from Chemical Process, Civil, Computer and Software Systems, Electrical, Electrical and Aerospace, Mechatronics, Mechanical or Medical.

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB123	Emerging Design Technology
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must	

apply by 1 November.	
<b>Year 2, Semester 1</b>	
DNB110	ID Studio 1: User Centred Design
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DNB111	ID Studio 2: Aesthetics and Visualisation
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DNB210	ID Studio 3: Interaction and Experience
DNB211	ID Studio 4: Manufacturing Technology
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DNB212	ID Studio 5: Applied Technology
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DNB310	ID Studio 6: Systems Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DNB311	ID Studio 7: Capstone
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB123	Emerging Design Technology

Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DNB110	ID Studio 1: User Centred Design
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DNB111	ID Studio 2: Aesthetics and Visualisation
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DNB211	ID Studio 4: Manufacturing Technology
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DNB212	ID Studio 5: Applied Technology
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DNB210	ID Studio 3: Interaction and Experience
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DNB311	ID Studio 7: Capstone
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DNB310	ID Studio 6: Systems Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

Year 6, Semester 1
Engineering Unit
Engineering Unit
Engineering Unit
Engineering Unit

## Semesters

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- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
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- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4, Semester 1</b>	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGB364	Process Modelling
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
<b>Year 5 - Semester 2</b>	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)

- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

## Semesters

- [Semester 1 \(February\) commencements](#)
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- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)

- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Intermediate Electrical Option unit	
<b>Year 4 - Semester 1</b>	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	
CAB240	Information Security
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

## Semesters

- [Semester 1 \(February\) commencements](#)
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- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
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- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

## Semesters

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- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 - Semester 1](#)
- [Year 1 - Semester 2](#)
- [Year 2 - Semester 1](#)
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- [Year 3 - Semester 1](#)
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- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	



# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
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- [Year 3 - Semester 1](#)
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- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 1	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

## Semesters

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Year 5 - Semester 2	
EGH400-2	Research Project 2

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

Advanced Mechanical Option Unit
EGH446 Autonomous Systems
Advanced Electrical Option Unit

## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGH404	Research in Engineering Practice
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
LSB231	Physiology
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

EGH418	Biomechanics
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## Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

## Semesters

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- [Year 5 - Semester 1](#)
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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the

## Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

	Environment
<b>Year 3 - Semester 1</b>	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
<b>Year 4 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

### Semesters

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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	

CAB240	Information Security
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

### Semesters

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Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery

Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems

## Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

Intermediate Electrical and Aerospace Unit Option

Year 6 - Semester 1

EGH408 Research Project

Advanced Electrical and Aerospace Unit Option

Advanced Electrical and Aerospace Unit Option

### Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
<b>Year 6 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

Year	2022
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2022: CSP \$7,800 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,200 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

### IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 four years, and for the remainder of this course you will concentrate on engineering studies.

## 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

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 four years and for the remainder of this course you will concentrate on engineering studies.

## 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).

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

## Engineering component

Your engineering studies will include:

- four core units (48 credit points) and two core options (24 credit points)
- one block of 10 major units (120 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

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## Sample Structure

### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	

DYB102	Impact Lab 2: People
DYB123	Emerging Design Technology
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DXB110	Principles of Interaction Design
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DXB111	Introduction to Web Design
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DXB210	Critical Experience Design
DXB211	Creative Coding
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DXB212	Tangible Media
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DXB310	Augmented Interactions
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DXB311	Advanced Interaction Design Project
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB123	Emerging Design Technology

Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DYB121	Introducing Design Fabrication
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DYB124	Design Consequences
DXB111	Introduction to Web Design
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DXB110	Principles of Interaction Design
DXB211	Creative Coding
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DYB102	Impact Lab 2: People
DXB212	Tangible Media
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DXB210	Critical Experience Design
DXB310	Augmented Interactions
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DXB311	Advanced Interaction Design Project
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DYB201	Impact Lab 3: Planet
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

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

## Semesters

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- [Year 2 - Semester 2](#)
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- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4, Semester 1</b>	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGB364	Process Modelling
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
<b>Year 5 - Semester 2</b>	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

## Semesters

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- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	

<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	

<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Intermediate Electrical Option unit	
<b>Year 4 - Semester 1</b>	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	
CAB240	Information Security
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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

## Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
<b>Year 3 - Semester 1</b>	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
<b>Year 4 - Semester 1</b>	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 1</b>	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
<b>Year 4 - Semester 1</b>	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
<b>Year 4 - Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)

- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering



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	Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

## Semesters

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics

MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 1	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

## Semesters

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

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## Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGH404	Research in Engineering Practice
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
LSB231	Physiology
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics

## Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

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- [Year 5 - Semester 1](#)
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Code	Title
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
MZB127	Engineering Mathematics and Statistics

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EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
Year 4 - Semester 1	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
Year 6 - Semester 1	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

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- [Year 5 - Semester 1](#)
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Code	Title
Year 2 - Semester 2	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
CAB240	Information Security
EGB242	Signal Analysis
Year 4 - Semester 1	
CAB202	Microprocessors and Digital

Systems	
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
Year 6 - Semester 1	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

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- [Year 5 - Semester 2](#)
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Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 4 - Semester 1	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
Year 5 - Semester 1	
EGB340	Design and Practice
EGH404	Research in Engineering

Practice	
Year 5 - Semester 2	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 6 - Semester 1	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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Code	Title
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
Year 3 - Semester 2	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
Year 4 - Semester 2	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
Year 5 - Semester 2	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
Year 6 - Semester 1	
EGH408	Research Project

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

Advanced Electrical and Aerospace Unit Option

Advanced Electrical and Aerospace Unit Option

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Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

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Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics

<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
<b>Year 6 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

Year	2022
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,800 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,200 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 (Landscape Architecture) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first four years, and concentrate on engineering studies for the remainder of this course.

## Design component

You will complete:

- four school-wide Impact Lab units (48 credit points)
- the landscape architecture major (144 credit points), including: our shared foundation units (48 credit points) eight 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 (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

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 (Landscape Architecture) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first four years, and concentrate on engineering studies for the remainder of this course.

## Design component

You will complete:

- four school-wide Impact Lab units (48 credit points)
- the landscape architecture major (144 credit points), including: our shared foundation units (48 credit points) eight 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)
- one block of 10 major units (120 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

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

- electrical engineering
- electrical and aerospace engineering
- mechatronics engineering
- mechanical engineering
- medical engineering

### Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### Sample Structure Semesters

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- [Semester 2 \(July\) commencements](#)
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- [Year 2, Semester 1](#)
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- [Year 3, Semester 2](#)
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- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Engineering Unit	

Engineering Unit	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form

DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	

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

Engineering Unit

## Semesters

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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
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- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	

DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Engineering Unit	

Engineering Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry

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

Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering

Year 4, Semester 1	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

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- [Year 4 - Semester 2](#)
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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science

EGB103	Computing and Data for Engineers
Year 2 - Semester 1	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
Intermediate Electrical Option unit	
Year 4 - Semester 1	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
Year 4 - Semester 2	
CAB240	Information Security
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital



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

	Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	

MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design

EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

### Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics

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

Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

### Semesters

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 1	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	

EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

### Semesters

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- [Year 1 - Semester 2](#)
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- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice

MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture

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

Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGH404	Research in Engineering Practice
LSB231	Physiology
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 - Semester 1](#)
- [Year 1 - Semester 2](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics

Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 3 - Semester 2	
EGB211	Dynamics
LSB231	Physiology
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4 - Semester 1	
EGB261	Unit Operations

EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB364	Process Modelling
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
Year 4 - Semester 1	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering

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

	Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

## Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB240	Information Security
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2

EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

## Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

## Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	

## Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics

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

Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1

Year 4 - Semester 2	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
Year 5 - Semester 2	

EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
Year 6 - Semester 1	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2022: CSP \$7,800 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,200 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Program Director, School of Design; phone +61 7 3138 2000; email: askqut@qut.edu.au

Year	2022
QUT code	ID16
CRICOS	096571D
Duration (full-time)	4.5 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$11,600 per year full-time (96 credit points)
International fee (indicative)	2022: \$31,800 per year full-time (96 credit points)
Total credit points	432
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Director of Studies, QUT Business School; email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

In order to complete this course, you must complete a total of 432 credit points, made up of 240 credit points from the Bachelor of Design (Architecture) and 192 credit points from the Bachelor of Property Economics.

## Design component

You will complete:

- four school-wide Impact Lab units (48 credit points)
- four architecture specialisation units (48 credit points)
- the architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Property economics component

You will complete:

- four core units (48 credit points) including a professional practice unit that requires completion of 30 days of workplace learning and a capstone project unit.
- the property economics major discipline units (144 credit points).

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International Course structure

In order to complete this course, you must complete a total of 432 credit points, made up of 240 credit points from the Bachelor of Design (Architecture) and 192 credit points from the Bachelor of Property Economics.

## Design component

You will complete:

- four school-wide Impact Lab units (48 credit points)
- four architecture specialisation units (48 credit points)
- the architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Property economics component

You will complete:

- four core units (48 credit points) including a professional practice unit that requires completion of 30 days of workplace learning and a capstone project unit.
- the property economics major discipline units (144 credit points).

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

Sample Structure

Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
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- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
EFB231	Economics
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
USB142	Residential Valuation
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
USB144	Investment Valuation
USB145	Property Transactions
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
USB143	Money and Wealth
UXB110	Residential Construction
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
USB141	Building Big
UXB134	Land Use Planning
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
USB240	Market Analysis
USB247	Money and Property
<b>Year 3, Semester 2</b>	

DAB202	Architectural Design 4: Metro
One unit from the University Wide Unit Options List	
USB244	Asset Performance
USB245	Property Investment Analysis
<b>Year 4, Semester 1</b>	
DAB200	Modern Architecture
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
USB300	Property Development
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
USB344	Property Project
BSB305	Undergraduate Business Internship
<b>Year 5, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DYB201	Impact Lab 3: Planet
USB345	Specialised Valuation
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
USB142	Residential Valuation
USB145	Property Transactions
<b>Year 2, Semester 1</b>	
EFB231	Economics
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
USB143	Money and Wealth
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
USB141	Building Big
USB144	Investment Valuation
<b>Year 3, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
UXB110	Residential Construction
USB240	Market Analysis
<b>Year 3, Semester 2</b>	

DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
UXB134	Land Use Planning
<b>Year 4, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
USB247	Money and Property
USB300	Property Development
<b>Year 4, Semester 2</b>	
DAB202	Architectural Design 4: Metro
One unit from the University Wide Unit Options List	
USB245	Property Investment Analysis
BSB305	Undergraduate Business Internship
<b>Year 5, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
USB345	Specialised Valuation
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
<b>Year 5, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
USB344	Property Project



Year	2022
QUT code	ID17
CRICOS	096572C
Duration (full-time)	4 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$11,100 per year full-time (96 credit points)
International fee (indicative)	2022: \$31,700 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Director of Studies, QUT Business School; email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

### IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

In order to complete this course, you must complete a total of 384 credit points, made up of 192 credit points from the Bachelor of Design (Interior Architecture) and 192 credit points from the Bachelor of Property Economics. You will undertake the two components of the double degree concurrently.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- the interior architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Property economics component

You will complete:

- four core units (48 credit points) including a professional practice unit that requires completion of 30 days of workplace learning and a capstone project unit
- the property economics major discipline units (144 credit points).

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International Course structure

In order to complete this course, you must complete a total of 384 credit points, made up of 192 credit points from the Bachelor of Design (Interior Architecture) and 192 credit points from the Bachelor of Property Economics. You will undertake the two components of the double degree concurrently.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- the interior architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Property economics component

You will complete:

- four core units (48 credit points) including a professional practice unit that requires completion of 30 days of workplace learning and a capstone project unit
- the property economics major discipline units (144 credit points).

## Study overseas

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

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
EFB231	Economics
USB142	Residential Valuation
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
USB144	Investment Valuation
USB145	Property Transactions
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
USB143	Money and Wealth
UXB110	Residential Construction
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitation
DYB102	Impact Lab 2: People
USB141	Building Big
UXB134	Land Use Planning
<b>Year 3, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
USB240	Market Analysis
USB247	Money and Property
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
USB245	Property Investment Analysis

<b>Year 4, Semester 1</b>	
DTB304	Design in Society
USB300	Property Development
USB345	Specialised Valuation
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
USB344	Property Project
BSB305	Undergraduate Business Internship
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
USB142	Residential Valuation
USB145	Property Transactions
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB111	Create and Represent: Form
EFB231	Economics
USB143	Money and Wealth
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitation
DYB114	Spatial Histories
USB141	Building Big
USB144	Investment Valuation
<b>Year 3, Semester 1</b>	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
USB240	Market Analysis
UXB110	Residential Construction
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
UXB134	Land Use Planning
<b>Year 4, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
USB247	Money and Property
USB300	Property Development
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration

DTB306	Interior Systems
USB245	Property Investment Analysis
BSB305	Undergraduate Business Internship
<b>Year 5, Semester 1</b>	
DTB304	Design in Society
USB344	Property Project
USB345	Specialised Valuation
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	Sarah Briant (Architecture); Dr Melissa Teo (Construction Management) +61 7 3138 2000 askqut@qut.edu.au

### Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### International Entry requirements

#### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

### International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Domestic 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Construction Management). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Construction Management component - 48 credit points\*\*

### Urban Development component

The Construction Management major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Construction Management discipline units
- 24 credit points capstone project.

\*\*Four units are completed as part of the Construction Management component and will contribute to the completion requirements of both courses.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### International 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Construction Management). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

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- 192 credit points of Construction Management discipline units
- 24 credit points capstone project.

## Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

\*\*Four units are completed as part of the Construction Management component and will contribute to the completion requirements of both courses.

### Study overseas

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### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
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- [Year 2, Semester 2](#)
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- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
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- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality

EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB211	Environmental Principles of Architectural Design
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management

UXB112	Introduction to Structures
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DYB114	Spatial Histories
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DAB200	Modern Architecture
DAB211	Environmental Principles of Architectural Design
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DYB201	Impact Lab 3: Planet
DAB301	Architectural Design 5: Commercial
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management

	Management
Year 6, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400 -2	Project - Part B
UXH411	Programming and Scheduling

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	Sarah Briant (Architecture); Jason Gray (Quantity Surveying and Cost Engineering) +61 7 3138 2000 askqut@qut.edu.au

### Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Domestic 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Quantity Surveying and Cost Engineering). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Quantity Surveying and Cost Engineering component - 48 credit points\*\*

### Urban Development component

The Quantity Surveying and Cost Engineering major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Quantity Surveying and Cost Engineering discipline units 24 credit points capstone project.

\*\*Four units are completed as part of the Quantity Surveying and Cost Engineering component and will contribute to the completion requirements of both courses.

### Study overseas

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

### International 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Quantity Surveying and Cost Engineering). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Quantity Surveying and Cost Engineering component - 48 credit points\*\*

### Urban Development component

The Quantity Surveying and Cost Engineering major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Quantity Surveying and Cost Engineering discipline units 24 credit points capstone project.

\*\*Four units are completed as part of the Quantity Surveying and Cost Engineering component and will contribute to the completion requirements of both courses.

### Study overseas

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

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
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- [Year 4, Semester 1](#)
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- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations

	Explorations
DYB112	Spatial Materiality
EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 3, Semester 2</b>	
DYB201	Impact Lab 3: Planet
DAB202	Architectural Design 4: Metro
LWS012	Urban Development Law
UXB220	Services and Heavy Engineering Measurement
<b>Year 4, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB211	Environmental Principles of Architectural Design
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH420	Risk Management in the Energy and Resources Sectors
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH321	Cost Planning and Controls
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place

DYB113	Create and Represent: Materials
UXB113	Measurement for Construction
LWS012	Urban Development Law
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
UXB213	Advanced Measurement for Construction
UXB115	Introduction to Modern Construction Business
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DYB114	Spatial Histories
UXB114	Integrated Construction
UXB220	Services and Heavy Engineering Measurement
<b>Year 4, Semester 1</b>	
DAB200	Modern Architecture
DAB211	Environmental Principles of Architectural Design
UXB210	Commercial Construction
EFB231	Economics
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXH321	Cost Planning and Controls
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DYB201	Impact Lab 3: Planet
DAB301	Architectural Design 5: Commercial
UXB211	Building Services
UXH310	High-rise Construction

Year 5, Semester 2

UXH312 Construction Legislation

UXH315 Construction Estimating

UXH400  
-1 Project - Part A

UXB301 Professional Practice

Year 6, Semester 1

USB300 Property Development

UXH311 Contract Administration

UXH400  
-2 Project - Part B

UXH420 Risk Management in the  
Energy and Resources  
Sectors



Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

### Domestic 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)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Domestic 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Urban and Regional Planning component - 48 credit points\*\*

### Urban Development component

The Urban and Regional Planning major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Urban and Regional Planning discipline units
- 24 credit points capstone project.

\*\*Four units are completed as part of the Urban and Regional Planning component and will contribute to the completion requirements of both courses.

### Study overseas

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

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### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Urban and Regional Planning component - 48 credit points\*\*

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The Urban and Regional Planning major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Urban and Regional Planning discipline units
- 24 credit points capstone project.

\*\*Four units are completed as part of the Urban and Regional Planning component and will contribute to the completion requirements of both courses.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
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- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
<b>Year 1, Semester 2</b>	
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
UXB133	Urban Studies
UXB134	Land Use Planning
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
EFB231	Economics
UXB130	History of the Built Environment
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
UXB230	Site Planning
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design

UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
UXB301	Professional Practice
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
<b>Year 5, Semester 2</b>	
UXH331	Environmental Planning
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB133	Urban Studies
UXB134	Land Use Planning
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
LWS012	Urban Development Law

UXB230	Site Planning
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
DAB211	Environmental Principles of Architectural Design
UXB130	History of the Built Environment
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
UXB135	Negotiation and Conflict Resolution
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DAB200	Modern Architecture
DYB201	Impact Lab 3: Planet
EFB231	Economics
UXB301	Professional Practice
<b>Year 5, Semester 2</b>	
UXH331	Environmental Planning
UXH400-1	Project - Part A
UXH432	Community Planning
UXH433	Regional Planning
<b>Year 6, Semester 1</b>	
USB300	Property Development
UXH400-2	Project - Part B
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

### Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### International Entry requirements Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

### International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Domestic 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 (Interior Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Construction Management). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Interior Architecture major, you must complete a total of 192 credit points of core units comprising:

- Interior Architecture, Impact Lab and Design foundation units - 192 credit points

### Urban development component

The Construction Management major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Construction Management discipline units
- 24 credit points capstone project.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### International 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 (Interior Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Construction Management). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Interior Architecture major, you must complete a total of 192 credit points of core units comprising:

- Interior Architecture, Impact Lab and Design foundation units - 192 credit points

### Urban development component

The Construction Management major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Construction Management discipline units
- 24 credit points capstone project.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitation
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DTB200	Interior Access and Assemblies

DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	

<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitation
DYB114	Spatial Histories
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
<b>Year 6, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

### Semesters

- [Semester 1 \(February\) commencements](#)

**Bachelor of Design (Interior Architecture)/Bachelor of Urban Development (Honours) (Construction Management)**

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiorty
DYB112	Spatial Materiality
EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitance
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet

LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DTB304	Design in Society
UXB211	Building Services
UXH310	High-rise Construction
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Note: We encourage students completing ID18 Interior Architecture and Construction Management to select KKB341	
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiorty
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitance
DYB114	Spatial Histories

UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DTB304	Design in Society
UXB211	Building Services
UXH310	High-rise Construction
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Note: We encourage students completing ID18 Interior Architecture and Construction Management to select KKB341	
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
<b>Year 6, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 (Landscape Architecture) and 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning). You will study design and urban development units in your first year, and concentrate on urban development studies for the remainder of this course.

## Design component

In order to complete the Landscape Architecture major, you must complete a total of 192 credit points of core units comprising:

- Landscape Architecture, Impact Lab, Design foundation units and Design specialisation units - 192 credit points
- two units completed as part of the Urban and Regional Planning component - 24 credit points\*\*

## Urban development component

The Urban and Regional Planning major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban

Development units, including 12 cps professional practice unit and 12 cps research methods unit.

- 192 credit points of Urban and Regional Planning discipline units
- 24 credit points capstone project.

\*\*Two units are completed as part of the Urban and Regional Planning component and will contribute to the completion requirements of both courses.

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 (Landscape Architecture) and 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning). You will study design and urban development units in your first year, and concentrate on urban development studies for the remainder of this course.

## Design component

In order to complete the Landscape Architecture major, you must complete a total of 192 credit points of core units comprising:

- Landscape Architecture, Impact Lab, Design foundation units and Design specialisation units - 192 credit points
- two units completed as part of the Urban and Regional Planning component - 24 credit points\*\*

## Urban development component

The Urban and Regional Planning major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12 cps professional practice unit and 12 cps research methods unit.
- 192 credit points of Urban and Regional Planning discipline units
- 24 credit points capstone project.

\*\*Two units are completed as part of the Urban and Regional Planning component

## Bachelor of Design (Landscape Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

and will contribute to the completion requirements of both courses.

### Study overseas

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

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
One unit from the Design Specialisation Unit Options List	
UXB133	Urban Studies
UXB134	Land Use Planning
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
One unit from the Design Specialisation Unit Options List	
UXB130	History of the Built Environment

<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
UXB230	Site Planning
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
EFB231	Economics
UXB330	Urban Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Note: We encourage students completing ID18 Landscape Architecture and URP to select KKB341	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
<b>Year 5, Semester 2</b>	
UXH400-2	Project - Part B
UXH331	Environmental Planning
UXH432	Community Planning
UXH433	Regional Planning
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent:

	Materials
UXB133	Urban Studies
UXB134	Land Use Planning
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
One unit from the Design Specialisation Unit Options List	
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
One unit from the Design Specialisation Unit Options List	
UXB130	History of the Built Environment
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
UXB230	Site Planning
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
UXB330	Urban Design
UXH400-1	Project - Part A
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice

Note: We encourage students completing ID18 Landscape Architecture and URP to select KKB341

Year 5, Semester 2

UXH331 Environmental Planning

UXH400-2 Project - Part B

UXH432 Community Planning

UXH433 Regional Planning

Year 6, Semester 1

EFB231 Economics

USB300 Property Development

UXH430 Planning Theory and Ethics

UXH431 Urban Planning Practice



## Minimum English requirements

Students must meet the English proficiency requirements.

<b>Year</b>	2022
<b>QUT code</b>	ID18
<b>CRICOS</b>	096573B
<b>Duration (full-time)</b>	5 years
<b>Duration (part-time domestic)</b>	10 years
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$8,300 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$32,300 per year full-time (96 credit points)
<b>Total credit points</b>	480
<b>Credit points full-time sem.</b>	48
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Course Coordinator</b>	Program Director, School of Design; Dr Paul Donehue (Urban Development)

<b>Year</b>	2022
<b>QUT code</b>	ID19
<b>CRICOS</b>	096574A
<b>Duration (full-time)</b>	5.5 years
<b>Duration (part-time domestic)</b>	9 years
<b>ATAR/Selection rank</b>	79.00
<b>Offer Guarantee</b>	Yes
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$7,300 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$35,000 per year full-time (96 credit points)
<b>Total credit points</b>	528
<b>Credit points full-time sem.</b>	48
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Deferment</b>	You can defer your offer and postpone the start of your course for one year.
<b>Course Coordinator</b>	Program Director, School of Design; Dr Jacob Coetzee (Engineering)
<b>Discipline Coordinator</b>	Sarah Briant (Architecture); Dr Thomas Rainey (Chemical Process), Associate Professor Jonathan Bunker (Civil), Dr Wayne Kelly (Computer and Software Systems), Dr Aaron Mcfadyen (Electrical and Aerospace), Dr Jacob Coetzee (Electrical), Dr Wim Dekkers/Professor Ted Steinberg (Mechanical), Associate Professor Luis Alvarez (Mechatronics), Associate Professor Devakar Epari (Medical) Design: +61 7 3138 2000; SEF: +61 7 3138 8822 askqut@qut.edu.au (Architecture); sef.enquiry@qut.edu.au (Engineering)

## Domestic Assumed knowledge

Before you start this course we assume you have sound knowledge in these areas

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 year 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) eight 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)

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

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 year 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) eight 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 credits points).

You must choose a major from:

- chemical process engineering
- civil engineering
- computer and software systems engineering

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

- electrical engineering
- electrical and aerospace engineering
- mechatronics engineering
- mechanical engineering
- medical engineering

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### Sample Structure

#### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations

DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 1</b>	
DYB201	Impact Lab 3: Planet
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Engineering Unit	

Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
DAB302	Architectural Design 6: Communities

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

DAB303	Integrated Architectural Technology
DAB312	Building Services
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
<b>Year 6, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	

MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from:	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGH473	Advanced Geotechnical Engineering
EGH400-2	Research Project 2
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher)

in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.

MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB272	Traffic and Transport Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 2</b>	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
<b>Year 4 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 2</b>	
No Engineering Units	
<b>Year 6 - Semester 1</b>	
Semester units under review	
<b>Year 6 - Semester 2</b>	
Semester units under review	

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

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGB364	Process Modelling
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH463	Process Design
<b>Year 5 - Semester 2</b>	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice

EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
Other Faculty Unit	
Other Faculty Unit	
Other Faculty Unit	
Other Faculty Unit	
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH463	Process Design
EGH408	Research Project
<b>Year 6 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice

EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis

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MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 4 - Semester 1</b>	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	
CAB240	Information Security
Advanced Computer and Software Systems Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
CAB302	Software Development
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer and Software Systems Unit Option	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH456	Embedded Systems
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
MZB127	Engineering Mathematics and Statistics
CAB201	Programming Principles
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB240	Information Security

EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
CAB302	Software Development
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH456	Embedded Systems
Advanced Computer and Software Systems Unit Option	
<b>Year 6 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer and Software Systems Unit Option	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics

Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Unit Option	
<b>Year 4 - Semester 1</b>	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
<b>Year 4 - Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical and Aerospace Unit Option	
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	

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

EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH445	Modern Control
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGB345	Control and Dynamic Systems
EGH450	Advanced Unmanned Aircraft Systems

EGH446	Autonomous Systems
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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 1</b>	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics

<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical Unit Option 1	
<b>Year 4 - Semester 1</b>	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Unit Option 2	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
Advanced Electrical Unit Option 1	
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Advanced Electrical Unit Option 2	
Advanced Electrical Unit Option 3	
Advanced Electrical Unit Option 4	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Unit Option 5	
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	

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EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Unit Option 1	
Year 5 - Semester 1	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400 -1	Research Project 1
Advanced Electrical Unit Option 1	
Advanced Electrical Unit Option 2	
Advanced Electrical Unit Option 3	
Year 6 - Semester 2	
EGH400 -2	Research Project 2
Intermediate Electrical Unit Option 2	
Advanced Electrical Unit Option 4	
Advanced Electrical Unit Option 5	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161
Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161	

Computational Explorations.	
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH414	Stress Analysis
Year 5 - Semester 2	
EGH400 -1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
Year 6 - Semester 1	
EGH400 -2	Research Project 2
EGH421	Vibration and Control
Semester 2 (July) commencements	
Year 1 - Semester 2	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
Year 2 - Semester 1	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers

Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH414	Stress Analysis
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH404	Research in Engineering Practice
EGH400 -1	Research Project 1
EGH421	Vibration and Control
EGB214	Materials and Manufacturing
Year 6 - Semester 2	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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

- [Year 6 - Semester 1](#)
- [Year 6 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB242	Signal Analysis
<b>Year 3 - Semester 1</b>	
Materials Strand Option Unit	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Dynamics Strand Option Unit	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB345	Control and Dynamic Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics OR Materials Strand Option Unit	
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice

Materials Strand Option Unit	
EGH414	Stress Analysis
Advanced Electrical Unit Option	
<b>Year 5 - Semester 2</b>	
EGH446	Autonomous Systems
EGH419	Mechatronics Design 3
EGH445	Modern Control
Dynamics Strand Option Unit	
EGH413	Advanced Dynamics
Advanced Electrical Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Dynamics Strand Option Unit	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
Materials Strand Option Unit	
EGB214	Materials and Manufacturing
or	
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems

<b>Year 5 - Semester 1</b>	
Dynamics OR Materials Strand Option Unit	
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand Option Unit	
EGH414	Stress Analysis
Advanced Electrical Unit Option	
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGH446	Autonomous Systems
Intermediate Electrical Unit Option	
Dynamics Strand Option Unit	
EGH413	Advanced Dynamics
Advanced Electrical Unit Option	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher)	

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in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.

MZB125	Introductory Engineering Mathematics
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OR

MXB161	Computational Explorations
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### Year 1 - Semester 2

EGB102	Fundamentals of Engineering Science
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EGB103	Computing and Data for Engineers
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### Year 2 - Semester 1

EGB121	Engineering Mechanics
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MZB127	Engineering Mathematics and Statistics
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### Year 2 - Semester 2

EGB120	Foundations of Electrical Engineering
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EGB125	Design for Manufacture
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### Year 3 - Semester 1

EGB214	Materials and Manufacturing
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EGB314	Solid Mechanics
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### Year 3 - Semester 2

EGB210	Fundamentals of Mechanical Design
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EGB211	Dynamics
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### Year 4 - Semester 1

EGB323	Fluid Mechanics
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LQB187	Human Anatomy
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### Year 4 - Semester 2

LSB231	Physiology
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EGH404	Research in Engineering Practice
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### Year 5 - Semester 1

EGB319	Medical Device Design
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EGH414	Stress Analysis
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### Year 5 - Semester 2

EGH400-1	Research Project 1
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EGH418	Biomechanics
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EGH424	Biofluids
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EGH435	Modelling and Simulation for Medical Engineers
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### Year 6 - Semester 1

EGH400-2	Research Project 2
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EGH438	Biomaterials
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### Semester 2 (July) commencements

### Year 1 - Semester 2

EGB101	Engineering Design and Professional Practice
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MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist

Mathematics, you must choose MXB161 Computational Explorations.

MZB125	Introductory Engineering Mathematics
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MXB161	Computational Explorations
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### Year 2 - Semester 1

EGB102	Fundamentals of Engineering Science
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EGB103	Computing and Data for Engineers
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### Year 2 - Semester 2

EGB121	Engineering Mechanics
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MZB127	Engineering Mathematics and Statistics
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### Year 3 - Semester 1

EGB125	Design for Manufacture
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EGB314	Solid Mechanics
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### Year 3 - Semester 2

EGB210	Fundamentals of Mechanical Design
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EGB211	Dynamics
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### Year 4 - Semester 1

EGB323	Fluid Mechanics
--------	-----------------

LQB187	Human Anatomy
--------	---------------

### Year 4 - Semester 2

EGB120	Foundations of Electrical Engineering
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LSB231	Physiology
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### Year 5 - Semester 1

EGH404	Research in Engineering Practice
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EGH414	Stress Analysis
--------	-----------------

### Year 5 - Semester 2

(No Engineering Units)

### Year 6 - Semester 1

EGH400-1	Research Project 1
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EGB214	Materials and Manufacturing
--------	-----------------------------

EGB319	Medical Device Design
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EGH438	Biomaterials
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### Year 6 - Semester 2

EGH400-2	Research Project 2
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EGH435	Modelling and Simulation for Medical Engineers
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EGH418	Biomechanics
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EGH424	Biofluids
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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	

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Year 4, Semester 1	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
DYB201	Impact Lab 3: Planet
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DAB101	Architectural Design 1: Explorations

DAB200	Modern Architecture
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB361	Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Sustainable Chemical Engineering in Practice
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH404	Research in Engineering Practice

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Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH463	Process Design
Semester 2 (July) commencements	
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB261	Unit Operations
EGB361	Minerals Processing
Year 5 - Semester 2	
Other Faculty Unit	
Other Faculty Unit	
Other Faculty Unit	
Other Faculty Unit	
Year 6 - Semester 1	
EGB362	Operations Management and Process Economics
EGH463	Process Design
EGH408	Research Project
Year 6 - Semester 2	
EGH411	Sustainable Chemical Engineering in Practice

EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
Foundation Unit Option	
Year 3 - Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
Year 4, Semester 1	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 4 - Semester 2	

EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH472	Advanced Highway and Pavement Engineering
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice
Year 6 - Semester 1	
EGH473	Advanced Geotechnical Engineering
EGH400-2	Research Project 2
Semester 2 (July) commencements	
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
Year 4 - Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 4 - Semester 2	
EGB376	Steel Design
EGH472	Advanced Highway and Pavement Engineering
Year 5 - Semester 1	
EGB275	Structural Mechanics
EGB375	Design of Concrete Structures
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGB371	Engineering Hydraulics

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EGH404	Research in Engineering Practice
EGH400-1	Research Project 1
EGH473	Advanced Geotechnical Engineering
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGH471	Advanced Water Engineering
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	

<b>Year 3 - Semester 1</b>	
CAB201	Programming Principles
EGB242	Signal Analysis
<b>Year 3 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
CAB302	Software Development
Advanced Computer & Software Systems Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH456	Embedded Systems
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
CAB201	Programming Principles
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	

CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
CAB301	Algorithms and Complexity
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH456	Embedded Systems
CAB302	Software Development
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Computer & Software Systems Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice

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MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time .	
Year 4 - Semester 1	
EGB340	Design and Practice
Foundation Unit Option	
Year 4 - Semester 2	
Intermediate Electrical Option Unit (2)	
Intermediate Electrical Option Unit (3)	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Year 5 - Semester 2	
EGH400 -1	Research Project 1
Advanced Electrical Option Unit (2)	
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Year 6 - Semester 1	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit (5)	
Semester 2 (July) commencements	
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering

MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
Intermediate Electrical Option Unit (1)	
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGB340	Design and Practice
Intermediate Electrical Option Unit (3)	
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 6 - Semester 2	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH445	Modern Control
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 5, Semester 2 to Year 5, Semester 1 in this standard progression. EGH446 has moved from Year 5, Semester 1 to Year 5, Semester 2.	
Year 5 - Semester 2	
EGH400 -1	Research Project 1
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 5, Semester 2 to Year 5, Semester 1 in this standard progression. EGH446 has	

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moved from Year 5, Semester 1 to Year 5, Semester 2.	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 6, Semester 2 to Year 6, Semester 1 in this standard progression. EGH446 has moved from Year 6, Semester 1 to Year 6, Semester 2.	
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2

EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 6, Semester 2 to Year 6, Semester 1 in this standard progression. EGH446 has moved from Year 6, Semester 1 to Year 6, Semester 2.	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics

<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH421	Vibration and Control
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
EGB314	Solid Mechanics
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB321	Dynamics of Machines
EGH404	Research in Engineering

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Practice	
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical

Engineering	
Foundation Unit Option	
Year 3 - Semester 1	
EGB211	Dynamics
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
EGB321	Dynamics of Machines
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH445	Modern Control
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 5, Semester 2 to Year 5, Semester 1 in this standard progression. EGH446 has moved from Year 5, Semester 1 to Year 5, Semester 2.	
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH413	Advanced Dynamics
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 5, Semester 2 to Year 5, Semester 1 in this standard progression. EGH446 has moved from Year 5, Semester 1 to Year 5, Semester 2	
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
Semester 2 (July) commencements	
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
Year 2 - Semester 2	
EGB120	Foundations of Electrical

Engineering	
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB211	Dynamics
EGB220	Mechatronics Design 1
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGB321	Dynamics of Machines
Intermediate Electrical Option Unit	
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 6, Semester 2 to Year 6, Semester 1 in this standard progression. EGH446 has moved from Year 6, Semester 1 to Year 6, Semester 2.	
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 6, Semester 2 to Year 6, Semester 1 in this standard progression. EGH446 has moved from Year 6, Semester 1 to Year 6, Semester 2.	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
LSB131	Anatomy
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
LSB231	Physiology
EGB210	Fundamentals of Mechanical Design
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB211	Dynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

EGH418	Biomechanics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH438	Biomaterials
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
LSB231	Physiology
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LSB131	Anatomy
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB314	Solid Mechanics
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGB214	Materials and Manufacturing
EGH404	Research in Engineering Practice
EGH438	Biomaterials
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

Year	2022
QUT code	ID20
CRICOS	096575M
Duration (full-time)	4 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,100 per year full-time (96 credit points)
International fee (indicative)	2022: \$35,000 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Dr Graham Johnson (Science)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

In order to complete this course, you must complete a total of 384 credit points, made up of 192 credit points from the Bachelor of Design (Landscape Architecture) and 192 credit points from the Bachelor of Science. You will undertake the two components of the double degree concurrently.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- the landscape architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Science component

You will complete five core units (60 credit points) and a science major (132 credit points) in one of the following study areas:

- biological sciences
- chemistry
- earth science
- environmental science
- physics

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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.

## International Course structure

In order to complete this course, you must complete a total of 384 credit points, made up of 192 credit points from the Bachelor of Design (Landscape Architecture) and 192 credit points from the Bachelor of Science. You will undertake the two components of the double degree concurrently.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- the landscape architecture major (144 credit points), including: four shared foundation units (48 credit points) eight units (96 credit points) from the discipline.

## Science component

You will complete five core units (60 credit points) and a science major (132 credit points) in one of the following study areas:

- biological sciences
- chemistry
- earth science
- environmental science
- physics

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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.

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Science Unit	
Science Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Science Unit	
Science Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Science Unit	
Science Unit	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Science Unit	
Science Unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Science Unit	
Science Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Science Unit	

Science Unit	
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Science Unit	
Science Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Science Unit	
Science Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Science Unit	
Science Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Science Unit	
Science Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Science Unit	
Science Unit	
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Science Unit	
Science Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Science Unit	
Science Unit	
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Science Unit	
Science Unit	
<b>Year 4, Semester 2</b>	

DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Science Unit	
Science Unit	
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List:	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Science Unit	
Science Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Science Unit	
Science Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Science Unit	
Science Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Science Unit	
Science Unit	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People

# Bachelor of Design (Landscape Architecture)/Bachelor of Science

Science Unit
Science Unit
<b>Year 3, Semester 1</b>
DLB201   Landform, Technology and Techniques
DLB202   Landscape, People and Place Studio
Science Unit
Science Unit
<b>Year 3, Semester 2</b>
DLB204   Planting Design Studio
DYB201   Impact Lab 3: Planet
Science Unit
Science Unit
<b>Year 4, Semester 1</b>
DLB301   Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):
DYB301   Impact Lab 4: Purpose
KKB341   Work Integrated Learning 1
KKB350   Creative Industries Study Tour
UXB301   Professional Practice
Science Unit
Science Unit
<b>Year 4, Semester 2</b>
DLB302   Landscape Materiality and Constructs
DLB303   Resilient Landscapes Studio
Science Unit
Science Unit
<b>Semester 2 (July) commencements</b>
<b>Year 1, Semester 2</b>
DYB101   Impact Lab 1: Place
DYB113   Create and Represent: Materials
Science Unit
Science Unit
<b>Year 2, Semester 1</b>
DYB111   Create and Represent: Form
DYB112   Spatial Materiality
Science Unit
Science Unit
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.
<b>Year 2, Semester 2</b>
DLB102   Landscape Studio 2
DYB114   Spatial Histories
Science Unit
Science Unit
<b>Year 3, Semester 1</b>
DLB101   Landscape Studio 1
DYB102   Impact Lab 2: People
Science Unit

Science Unit
<b>Year 3, Semester 2</b>
DLB204   Planting Design Studio
DYB201   Impact Lab 3: Planet
Science Unit
Science Unit
<b>Year 4, Semester 1</b>
DLB201   Landform, Technology and Techniques
DLB202   Landscape, People and Place Studio
Science Unit
Science Unit
<b>Year 4, Semester 2</b>
DLB302   Landscape Materiality and Constructs
DLB303   Resilient Landscapes Studio
Science Unit
Science Unit
<b>Year 5, Semester 1</b>
DLB301   Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):
DYB301   Impact Lab 4: Purpose
KKB341   Work Integrated Learning 1
KKB350   Creative Industries Study Tour
UXB301   Professional Practice
Science Unit
Science Unit

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 1 Semester 2</b>	
Science Core Unit Option	

Science Major Unit Option
<b>Year 2 Semester 1</b>
SEB115   Experimental Science 1
SEB116   Experimental Science 2
<b>Year 2 Semester 2</b>
BVB101   Foundations of Biology
BVB102   Evolution
<b>Year 3 Semester 1</b>
BVB202   Experimental Design and Quantitative Methods
BVB301   Animal Biology
<b>Year 3 Semester 2</b>
BVB201   Biological Processes
BVB204   Ecology
<b>Year 4 Semester 1</b>
BVB203   Plant Biology
BVB305   Microbiology and the Environment
<b>Year 4 Semester 2</b>
BVB304   Integrative Biology
BVB313   Population Genetics and Molecular Ecology
<b>Semester 2 (July) commencements</b>
<b>Year 1, Semester 2</b>
SEB104   Grand Challenges in Science
SEB113   Quantitative Methods in Science
<b>Year 2, Semester 1</b>
SEB115   Experimental Science 1
SEB116   Experimental Science 2
<b>Year 2, Semester 2</b>
BVB101   Foundations of Biology
BVB102   Evolution
<b>Year 3, Semester 1</b>
BVB202   Experimental Design and Quantitative Methods
BVB301   Animal Biology
<b>Year 3, Semester 2</b>
BVB201   Biological Processes
BVB204   Ecology
<b>Year 4, Semester 1</b>
BVB203   Plant Biology
BVB305   Microbiology and the Environment
<b>Year 4, Semester 2</b>
BVB304   Integrative Biology
BVB313   Population Genetics and Molecular Ecology
<b>Year 5, Semester 1</b>
Science Core Unit Option
Science Major Unit Option

# Bachelor of Design (Landscape Architecture)/Bachelor of Science

## Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)

Code	Title
<b>Year 1 Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 1 Semester 2</b>	
MXB100	Introductory Calculus and Algebra
Science Core Unit Option	
<b>Year 2 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2 Semester 2</b>	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
<b>Year 3 Semester 1</b>	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
<b>Year 3 Semester 2</b>	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
<b>Year 4 Semester 1</b>	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
<b>Year 4 Semester 2</b>	
CVB303	Coordination Chemistry
CVB304	Chemistry Research Project

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 Semester 1](#)
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- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 1 Semester 2</b>	
Science Core Unit Option	
Science Major Unit Option	
<b>Year 2 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2 Semester 2</b>	
ERB101	Earth Systems
ERB102	Evolving Earth
<b>Year 3 Semester 1</b>	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine and Atmospheric Systems
<b>Year 3 Semester 2</b>	
ERB203	Sedimentary Geology and Stratigraphy
ERB204	Deforming Earth: Fundamentals of Structural Geology
<b>Year 4 Semester 1</b>	
ERB301	Chemical Earth
ERB302	Applied Geophysics
<b>Year 4 Semester 2</b>	
ERB303	Energy Resources and Basin Analysis
ERB304	Dynamic Earth: Plate Tectonics
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 2, Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2, Semester 2</b>	
ERB101	Earth Systems
ERB102	Evolving Earth
<b>Year 3, Semester 1</b>	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine and Atmospheric Systems
<b>Year 3, Semester 2</b>	
ERB203	Sedimentary Geology and Stratigraphy
ERB204	Deforming Earth: Fundamentals of Structural Geology

<b>Year 4, Semester 1</b>	
ERB301	Chemical Earth
ERB302	Applied Geophysics
<b>Year 4, Semester 2</b>	
ERB303	Energy Resources and Basin Analysis
ERB304	Dynamic Earth: Plate Tectonics
<b>Year 5, Semester 1</b>	
Science Core Unit Option	
Science Major Unit Option	

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 Semester 1](#)
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- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
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- [Year 1, Semester 2](#)
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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 1 Semester 2</b>	
Science Core Unit Option	
Science Major Unit Option	
<b>Year 2 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2 Semester 2</b>	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
<b>Year 3 Semester 1</b>	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
<b>Year 3 Semester 2</b>	
BVB204	Ecology
EVB302	Environmental Pollution
<b>Year 4 Semester 1</b>	
BVB311	Conservation Biology
EVB312	Soils and the Environment

## Bachelor of Design (Landscape Architecture)/Bachelor of Science

Year 4 Semester 2	
ERB310	Groundwater Systems
EVB304	Case Studies in Environmental Science
Semester 2 (July) commencements	
Year 1, Semester 2	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2, Semester 2	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
Year 3, Semester 1	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
Year 3, Semester 2	
BVB204	Ecology
EVB302	Environmental Pollution
Year 4, Semester 1	
BVB311	Conservation Biology
EVB312	Soils and the Environment
Year 4, Semester 2	
ERB310	Groundwater Systems
EVB304	Case Studies in Environmental Science
Year 5, Semester 1	
Science Core Unit Option	
Science Major Unit Option	

SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2 Semester 2	
PVB101	Physics of the Very Large
PVB102	Physics of the Very Small
Year 3 Semester 1	
PVB202	Mathematical Methods in Physics
PVB203	Experimental Physics
Year 3 Semester 2	
PVB200	Computational and Mathematical Physics
PVB204	Electromagnetism
Year 4 Semester 1	
PVB301	Materials and Thermal Physics
PVB302	Classical and Quantum Physics
Year 4 Semester 2	
PVB303	Nuclear and Particle Physics
PVB304	Physics Research

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)

Code	Title
Year 1 Semester 1	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 1 Semester 2	
MXB100	Introductory Calculus and Algebra
Science Core Unit Option	
Year 2 Semester 1	

Year	2022
QUT code	ID21
CRICOS	096576K
Duration (full-time)	4.5 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$11,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$31,700 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Director of Studies, QUT Business School
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

And for Accountancy, Finance, Financial Planning, Economics and Marketing majors: General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C).

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

In order to complete this course, you must complete a total of 432 credit points, made up of 192 credit points from the Bachelor of Business and 240 credit points from the Bachelor of Design (Architecture). You will undertake the two components of the double degree concurrently.

## Business component

You must complete:

- business core units (96 credit points)
- a business major (96 credit points), choosing from:
  - accounting
  - advertising
  - economics
  - finance
  - financial planning
  - human resource management
  - international business
  - management
  - marketing
  - public relations.

Accounting students will undertake 6 specified business core units and 10 accountancy major core units in order to meet professional recognition requirements.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- four architecture specialisation units (48 credit points)
- the architecture major (144 credit points), which incorporates four shared foundation units (48 credit points) and eight units (96 credit points) from the discipline.

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International Course structure

In order to complete this course, you must complete a total of 432 credit points, made up of 192 credit points from the Bachelor of Business and 240 credit points from the Bachelor of Design (Architecture). You will undertake the two components of the double degree concurrently.

## Business component

You must complete:

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- a business major (96 credit points), choosing from:
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  - economics
  - finance
  - financial planning
  - human resource management
  - international business
  - management
  - marketing
  - public relations.

Accounting students will undertake 6 specified business core units and 10 accountancy major core units in order to meet professional recognition requirements.

## Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- four architecture specialisation units (48 credit points)
- the architecture major (144 credit points), which incorporates four shared foundation units (48 credit points) and eight units (96 credit points) from the discipline.

## Bachelor of Business/Bachelor of Design (Architecture)

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Business School Unit	

Business School Unit	
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
Business School Unit	
Business School Unit	
<b>Year 5, Semester 1</b>	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
DYB201	Impact Lab 3: Planet
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Business School Unit	
Business School Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Business School Unit	

Business School Unit	
<b>Year 3, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Business School Unit	
Business School Unit	
<b>Year 4, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Business School Unit	
Business School Unit	
<b>Year 5, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Business School Unit	
Business School Unit	
<b>Year 5, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour

### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Business School Unit	
Business School Unit	
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
<b>Year 4, Semester 2</b>	

DAB302	Architectural Design 6: Communities
DAB312	Building Services
Business School Unit	
Business School Unit	
<b>Year 5, Semester 1</b>	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
DYB201	Impact Lab 3: Planet
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Business School Unit	
Business School Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
<b>Year 3, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
Business School Unit	
Business School Unit	
<b>Year 3, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
<b>Year 4, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Business School Unit	

Business School Unit	
<b>Year 4, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Business School Unit	
Business School Unit	
<b>Year 5, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Business School Unit	
Business School Unit	
<b>Year 5, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice

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- [Business Core Option Units](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
Unit BSB151 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	
<b>Year 2 Semester 1</b>	
AYB106	Accounting Processes and Systems
BSB105	The Future Enterprise
Unit from the other degree component	

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Unit from the other degree component	
<b>Year 2 Semester 2</b>	
AYB201	Financial Accounting and Reporting
AYB202	Management Accounting
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
AYB203	Taxation
BSB152	Financial Management
Unit from the other degree component	
Unit from the other degree component	
Unit BSB152 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	
<b>Year 3 Semester 2</b>	
AYB230	Corporations Law
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone
AYB340	Company Accounting
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
AYB301	Audit and Assurance
AYB339	Accountancy Capstone
Unit from the other degree component	
Unit from the other degree component	
<b>Business Core Option Units</b>	
Select one Business Core Option Unit:	
BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics

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- [Business Core Option Units](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other course component	

Unit from the other course component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
AMB111	Advertising Works
Unit from the other course component	
Unit from the other course component	
<b>Year 2 Semester 1</b>	
BSB108	Business Environment
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Unit from the other course component	
Unit from the other course component	
<b>Year 2 Semester 2</b>	
AMB201	Marketing and Audience Analytics
AMB223	Create Advertising
Unit from the other course component	
Unit from the other course component	
<b>Year 3 Semester 1</b>	
AMB224	Consumers and Media Channels
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
<b>Year 4 Semester 1</b>	
AMB299	Marketing Communication
AMB330	Digital Optimisation
Unit from the other course component	
Unit from the other course component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
AMB399	Capstone Experience
Unit from the other course component	
Unit from the other course component	
<b>Business Core Option Units</b>	
Select two units from the following core option units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

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- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
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- [Economics Option Units](#)
- [Business Core Option Units](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
This course progression relates to February entry. The course progression for July entry is underneath.	
<b>Year 1 Semester 1</b>	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2</b>	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
BSB250	Business Citizenship
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
Select a Business Core Option or Economics Option Unit	

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Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Economics Option Units</b>	
Select 4 (48cp) from the Economics Unit Options listed below:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
<b>Business Core Option Units</b>	
Select two (24cp) units from the Business Core Options Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB106	Dynamic Markets
Two units from other degree component	

Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
BSB250	Business Citizenship
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	
Select a Business Core Option unit or Economics Option Unit	
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Economics Option Units</b>	
Select 4 (48 credit points) from the Economics Unit Options List:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics

EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
<b>Business Core Option Units</b>	
Select 2 (24 credit points) from the Business Core Options List:	
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

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Code	Title
<b>Year 1 Semester 1</b>	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB108	Business Environment
EFB231	Economics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
BSB105	The Future Enterprise
EFB201	Financial Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2</b>	
EFB210	Fundamentals of Finance
EFB222	Introduction to Applied Econometrics
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
BSB250	Business Citizenship

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Select a Business Core Option unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
EFB335	Investments
EFB343	Corporate Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB344	Risk Management and Derivatives
EFB360	Finance Capstone
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list</b>	
Select two units (24cp) from the Business Core Options Units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

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- [Business Core Option Units:](#)
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Code	Title
<b>Semester 1 (February) Entry</b>	
This course progression relates to February entry. The course progression for July entry is underneath.	

<b>Year 1 Semester 1</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
Select a Business Core Option Unit	
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units	
<b>Year 2 Semester 2</b>	
AYB203	Taxation
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units:</b>	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business

Internship	
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB105	The Future Enterprise
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units.	
<b>Year 2 Semester 1 (July)</b>	
BSB106	Dynamic Markets
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB250	Personal Financial Planning
AYB203	Taxation
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
AYB240	Superannuation and Retirement Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
AYB232	Financial Services Regulation and Law
AYB346	Financial Plan Construction (Capstone)
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business

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Capstone	
Select a Business Core Option Unit.	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list:</b>	
Select two units from the Business Core Option list below:	
BSB152	Financial Management
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance

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- [Business Core Option Units:](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Two units from other degree component.	
Two units from other degree component.	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
MGB130	Managing People
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
MGB131	Introducing Human Resource Management
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 2</b>	
MGB132	Obligations and Options for Employing People
Select a unit from the Business Core Option Unit list.	
Two units from other degree component.	
Two units from other degree component.	
<b>Year 3 Semester 1</b>	
MGB230	Recruiting and Selecting People
BSB250	Business Citizenship

Two units from other degree component.	
Two units from other degree component.	
<b>Year 3 Semester 2</b>	
MGB231	Developing Talent
MGB232	Managing Performance and Rewards
Two units from other degree component.	
Two units from other degree component.	
<b>Year 4 Semester 1</b>	
MGB371	Contemporary Issues in Human Resource Management
Select a unit from the Business Core Options list.	
Two units from other degree component.	
Two units from other degree component.	
<b>Year 4 Semester 2</b>	
MGB372	Creating Value through People
BSB399	Real World Ready - Business Capstone
Two units from other degree component.	
Two units from other degree component.	
<b>Business Core Option Units:</b>	
Select two units (24cp) from the Business Core Options Units listed below:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management

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- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	

Semester 1 and Semester 2 commencement follow different core progressions. The Semester 2 (mid-year July) entry course progression is presented below the Semester 1 (February) entry course progression.	
<b>Year 1, Semester 1</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1, Semester 2</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 1</b>	
BSB107	Financial Performance and Responsibility
MGB225	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 2</b>	
AYB227	International Accounting
Select a Business Core Option Unit.	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 1</b>	
MGB340	International Business in the Asia-Pacific
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 2</b>	
EFB240	Finance for International Business
AMB303	International Logistics
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 1</b>	
BSB399	Real World Ready - Business Capstone
AMB336	International Marketing
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 2</b>	
AMB399	Capstone Experience
Select a unit from the Business Core Options List.	
Unit from the other degree component	
Unit from the other degree component	
<b>Core Options Units</b>	
Select two units (24 credit points) from the following:	

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BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
<b>Semester 2 (July) Entry</b>	
The below progression relates to mid-year (July) commencement.	
<b>Year 1 Semester 1 (July)</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
MGB225	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB227	International Accounting
Select a Business Core Option unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1 (July)</b>	
EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2 (February)</b>	
AMB303	International Logistics
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1 (July)</b>	
AMB336	International Marketing
Select a Business Core Option unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2 (February)</b>	
AMB399	Capstone Experience
BSB399	Real World Ready - Business

	Capstone
Unit from the other degree component	
Unit from the other degree component	

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Unit List](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
MGB130	Managing People
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
MGB133	Managing Strategy
Select one of the following two units:	
MGB233	Entrepreneurship
MGB234	Managing Knowledge, Innovation, and Creativity
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
MGB235	Monitoring and Managing Operational Performance
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
MGB236	Identifying and Managing Risk
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone

MGB237	Managing Projects for Performance
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
MGB348	Implementing Sustainable Change
MGB349	Creating Strategic Solutions for Sustainable Business Growth
Unit from the other degree component	
Unit from the other degree component	
<b>Business Core Option Unit List</b>	
Select two from the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB130	Social Enterprises
BSB152	Financial Management
BSB131	Applied Business Analytics

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
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- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Notes](#)
- [Marketing Streams](#)
- [Business Core Option Units](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
AMB140	Marketplace Simulation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB108	Business Environment
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
AMB200	Understanding how

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	Consumers Think, Feel, and (Mis)Behave
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
AMB201	Marketing and Audience Analytics
AMB299	Marketing Communication
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB340	Marketing Service Experiences
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Notes</b>	
Select a Business Core Option Unit or a Marketing Stream Unit appears in this structure four times to provide flexibility for when students can undertake their elected two (2) Business Core Option Units and two (2) Marketing Stream units	
<b>Marketing Streams</b>	
Select two units (24 credit points) from the Marketing Streams. Units may be selected from one stream or from multiple streams.	
Consumer Insight Through Data Stream	
AMB305	Analysis for Consumer Insights
AMB306	Designing Consumer Research
Marketing Through Innovation Stream	
AMB211	Branding for the Real World
AMB251	Designing Innovative Goods and Services
Marketing Across Borders Stream	
AMB120	Bridging Cultures
AMB336	International Marketing
Leisure Industry Marketing Stream	

AMB207	Entertainment Marketing in a Digital World
AMB209	Designing a Competitive Tourism Strategy
Social Change Through Marketing Stream	
AMB255	Avoiding the Dark Side: Marketing, Ethics and Society
AMB355	Marketing Behavioural and Social Change
<b>Business Core Option Units</b>	
Select two units from the following Business Core Options list:	
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semesters

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- [Year 1 Semester 1](#)
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- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Options List](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
There are different course progressions for Semester 1 (February) and Semester 2 (July) commencement. This is the Semester 1 entry course progression. The Semester 2 (July) entry course progression is presented below that.	
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations

Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2</b>	
AMB299	Marketing Communication
AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 1</b>	
AMB373	Issues, Stakeholders and Reputation
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 1</b>	
AMB374	Global Public Relations Cases
BSB399	Real World Ready - Business Capstone
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 2</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Business Core Options List</b>	
Select two of the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
The below course progression is for mid-year (July) commencement.	
<b>Year 1 Semester 1 (July)</b>	
BSB105	The Future Enterprise

## Bachelor of Business/Bachelor of Design (Architecture)

BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AMB299	Marketing Communication
AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 1 (July)</b>	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 2 (February)</b>	
AMB374	Global Public Relations Cases
AMB373	Issues, Stakeholders and Reputation
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 1 (July)</b>	
BSB399	Real World Ready - Business Capstone
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 2 (February)</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	



Year	2022
QUT code	IX59
CRICOS	084925D
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$10,400 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,300 per year full-time (96 credit points)
Total credit points	480
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Director of Studies, QUT Business School; or Dr Jacob Coetzee (Engineering)
Discipline Coordinator	AskQUT +61 7 3138 2000 bus@qut.edu.au; sef.enquiry@qut.edu.au; askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours) in IX59, students are required to complete 288 credit points of course units, as outlined below:

- First year: Four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp

To complete the Bachelor of Business students will complete 192 credit points of

course units, as outlined below:

- eight Business School core units (96 credit points) \*
- eight major core units (96 credit points)

\*Accounting major students complete six business core units and 10 accounting major units to allow them to complete professional requirements.

## International Course structure

To graduate with a Bachelor of Engineering (Honours) in IX59, students are required to complete 288 credit points of course units, as outlined below:

- First year: Four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp

To complete the Bachelor of Business students will complete 192 credit points of course units, as outlined below:

- eight Business School core units (96 credit points) \*
- eight major core units (96 credit points)

\*Accounting major students complete six business core units and 10 accounting major units to allow them to complete professional requirements.

## Sample Structure Semesters

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- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 2 - Semester 2	

## Bachelor of Business/Bachelor of Engineering (Honours)

EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

### Semesters

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- [Year 3 - Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
Year 4, Semester 1	

EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

### Semesters

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- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
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- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for

Engineers	
Year 2 - Semester 1	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
Intermediate Electrical Option unit	
Year 4 - Semester 1	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
Year 4 - Semester 2	
CAB240	Information Security
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

### Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems

## Bachelor of Business/Bachelor of Engineering (Honours)

EGB120	Foundations of Electrical Engineering
<b>Year 3 - Semester 1</b>	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1) EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
<b>Year 4 - Semester 1</b>	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
<b>Year 5 - Semester 1</b>	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 5 - Semester 2</b>	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

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- [Year 3 - Semester 1](#)
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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 1</b>	
MZB221	Electrical Engineering

Code	Title
<b>Mathematics</b>	
EGB240	Electronic Design
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
<b>Year 4 - Semester 1</b>	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
<b>Year 4 - Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
<b>Year 5 - Semester 1</b>	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400 -2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

### Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics

<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
<b>Year 5 - Semester 2</b>	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	

## Bachelor of Business/Bachelor of Engineering (Honours)

EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics

OR	
CAB202	Microprocessors and Digital Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
<b>Year 5 - Semester 2</b>	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

### Semesters

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- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation

<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	

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EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGH404	Research in Engineering Practice
LSB231	Physiology
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

### Semesters

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	

EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 3 - Semester 2	
EGB211	Dynamics
LSB231	Physiology
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics

### Semesters

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Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics

Year 4 - Semester 2	
EGB364	Process Modelling
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

### Semesters

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- [Year 5 - Semester 2](#)
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Code	Title
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
Year 4 - Semester 1	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice

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One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB240	Information Security
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems

Advanced Computer & Software Systems Option Unit

### Semesters

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Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	

### Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	

## Bachelor of Business/Bachelor of Engineering (Honours)

EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
Year 4 - Semester 2	

EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

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Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
Year 5 - Semester 2	
EGH400-1	Research Project 1

EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
Year 6 - Semester 1	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

### Semesters

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- [Business Core Option Units](#)

Code	Title
Year 1 Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
Year 1 Semester 2	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
Unit BSB151 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	
Year 2 Semester 1	
AYB106	Accounting Processes and Systems
BSB105	The Future Enterprise
Unit from the other degree component	
Unit from the other degree component	
Year 2 Semester 2	
AYB201	Financial Accounting and Reporting
AYB202	Management Accounting
Unit from the other degree component	
Unit from the other degree component	
Year 3 Semester 1	
AYB203	Taxation
BSB152	Financial Management
Unit from the other degree component	
Unit from the other degree component	
Unit BSB152 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	

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Year 3 Semester 2	
AYB230	Corporations Law
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
Year 4 Semester 1	
BSB399	Real World Ready - Business Capstone
AYB340	Company Accounting
Unit from the other degree component	
Unit from the other degree component	
Year 4 Semester 2	
AYB301	Audit and Assurance
AYB339	Accountancy Capstone
Unit from the other degree component	
Unit from the other degree component	
Business Core Option Units	
Select one Business Core Option Unit:	
BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics

### Semesters

- [Year 1 Semester 1](#)
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- [Year 4 Semester 1](#)
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- [Business Core Option Units](#)

Code	Title
Year 1 Semester 1	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other course component	
Unit from the other course component	
Year 1 Semester 2	
BSB107	Financial Performance and Responsibility
AMB111	Advertising Works
Unit from the other course component	
Unit from the other course component	
Year 2 Semester 1	
BSB108	Business Environment
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Unit from the other course component	
Unit from the other course component	
Year 2 Semester 2	
AMB201	Marketing and Audience

	Analytics
AMB223	Create Advertising
Unit from the other course component	
Unit from the other course component	
Year 3 Semester 1	
AMB224	Consumers and Media Channels
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
Year 3 Semester 2	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
Year 4 Semester 1	
AMB299	Marketing Communication
AMB330	Digital Optimisation
Unit from the other course component	
Unit from the other course component	
Year 4 Semester 2	
BSB399	Real World Ready - Business Capstone
AMB399	Capstone Experience
Unit from the other course component	
Unit from the other course component	
Business Core Option Units	
Select two units from the following core option units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

### Semesters

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- [Semester 2 \(July\) Entry](#)
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- [Year 4 Semester 2 \(February\)](#)
- [Economics Option Units](#)
- [Business Core Option Units](#)

Code	Title
Semester 1 (February) Entry	
This course progression relates to February entry. The course progression for July entry is underneath.	
Year 1 Semester 1	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
Year 1 Semester 2	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 1	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 2	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 3 Semester 1	
BSB250	Business Citizenship
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 3 Semester 2	
Select a Business Core Option or Economics Option Unit	
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 1	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 2	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option or Economics Option Unit	



## Bachelor of Business/Bachelor of Engineering (Honours)

Two units from other degree component	
Two units from other degree component	
<b>Economics Option Units</b>	
Select 4 (48cp) from the Economics Unit Options listed below:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
<b>Business Core Option Units</b>	
Select two (24cp) units from the Business Core Options Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option unit or	

Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
BSB250	Business Citizenship
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	
Select a Business Core Option unit or Economics Option Unit	
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Economics Option Units</b>	
Select 4 (48 credit points) from the Economics Unit Options List:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
<b>Business Core Option Units</b>	
Select 2 (24 credit points) from the Business Core Options List:	
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management

BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units list](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB108	Business Environment
EFB231	Economics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
BSB105	The Future Enterprise
EFB201	Financial Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2</b>	
EFB210	Fundamentals of Finance
EFB222	Introduction to Applied Econometrics
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
BSB250	Business Citizenship
Select a Business Core Option unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
EFB335	Investments
EFB343	Corporate Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB344	Risk Management and Derivatives
EFB360	Finance Capstone
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	

## Bachelor of Business/Bachelor of Engineering (Honours)

BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list</b>	
Select two units (24cp) from the Business Core Options Units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

### Semesters

- [Semester 1 \(February\) Entry](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units:](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)
- [Business Core Option Units list:](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
This course progression relates to February entry. The course progression for July entry is underneath.	
<b>Year 1 Semester 1</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
Select a Business Core Option Unit	
Select a Business Core Option Unit	
Two units from other degree component	

Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units	
<b>Year 2 Semester 2</b>	
AYB203	Taxation
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units:</b>	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	

BSB105	The Future Enterprise
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units.	
<b>Year 2 Semester 1 (July)</b>	
BSB106	Dynamic Markets
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB250	Personal Financial Planning
AYB203	Taxation
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
AYB240	Superannuation and Retirement Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
AYB232	Financial Services Regulation and Law
AYB346	Financial Plan Construction (Capstone)
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit.	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list:</b>	
Select two units from the Business Core Option list below:	
BSB152	Financial Management
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance

# Bachelor of Business/Bachelor of Engineering (Honours)

## Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units:](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Two units from other degree component.	
Two units from other degree component.	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
MGB130	Managing People
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
MGB131	Introducing Human Resource Management
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 2</b>	
MGB132	Obligations and Options for Employing People
Select a unit from the Business Core Option Unit list.	
Two units from other degree component.	
Two units from other degree component.	
<b>Year 3 Semester 1</b>	
MGB230	Recruiting and Selecting People
BSB250	Business Citizenship
Two units from other degree component.	
Two units from other degree component.	
<b>Year 3 Semester 2</b>	
MGB231	Developing Talent
MGB232	Managing Performance and Rewards
Two units from other degree component.	
Two units from other degree component.	
<b>Year 4 Semester 1</b>	
MGB371	Contemporary Issues in Human Resource Management
Select a unit from the Business Core Options list.	
Two units from other degree component.	
Two units from other degree component.	

<b>Year 4 Semester 2</b>	
MGB372	Creating Value through People
BSB399	Real World Ready - Business Capstone
Two units from other degree component.	
Two units from other degree component.	
<b>Business Core Option Units:</b>	
Select two units (24cp) from the Business Core Options Units listed below:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management

## Semesters

- [Semester 1 \(February\) Entry](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Core Options Units](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
Semester 1 and Semester 2 commencement follow different core progressions. The Semester 2 (mid-year July) entry course progression is presented below the Semester 1 (February) entry course progression.	
<b>Year 1, Semester 1</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1, Semester 2</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 1</b>	

BSB107	Financial Performance and Responsibility
MGB225	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 2</b>	
AYB227	International Accounting
Select a Business Core Option Unit.	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 1</b>	
MGB340	International Business in the Asia-Pacific
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 2</b>	
EFB240	Finance for International Business
AMB303	International Logistics
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 1</b>	
BSB399	Real World Ready - Business Capstone
AMB336	International Marketing
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 2</b>	
AMB399	Capstone Experience
Select a unit from the Business Core Options List.	
Unit from the other degree component	
Unit from the other degree component	
<b>Core Options Units</b>	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
<b>Semester 2 (July) Entry</b>	
The below progression relates to mid-year (July) commencement.	
<b>Year 1 Semester 1 (July)</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	

## Bachelor of Business/Bachelor of Engineering (Honours)

Unit from the other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
MGB225	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB227	International Accounting
Select a Business Core Option unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1 (July)</b>	
EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2 (February)</b>	
AMB303	International Logistics
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1 (July)</b>	
AMB336	International Marketing
Select a Business Core Option unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2 (February)</b>	
AMB399	Capstone Experience
BSB399	Real World Ready - Business Capstone
Unit from the other degree component	
Unit from the other degree component	

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Unit List](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment

Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
MGB130	Managing People
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
MGB133	Managing Strategy
Select one of the following two units:	
MGB233	Entrepreneurship
MGB234	Managing Knowledge, Innovation, and Creativity
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
MGB235	Monitoring and Managing Operational Performance
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
MGB236	Identifying and Managing Risk
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone
MGB237	Managing Projects for Performance
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
MGB348	Implementing Sustainable Change
MGB349	Creating Strategic Solutions for Sustainable Business Growth
Unit from the other degree component	
Unit from the other degree component	
<b>Business Core Option Unit List</b>	
Select two from the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and

	Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB130	Social Enterprises
BSB152	Financial Management
BSB131	Applied Business Analytics

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Notes](#)
- [Marketing Streams](#)
- [Business Core Option Units](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
AMB140	Marketplace Simulation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB108	Business Environment
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
AMB201	Marketing and Audience Analytics
AMB299	Marketing Communication
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB340	Marketing Service Experiences
Unit from the other degree component	

## Bachelor of Business/Bachelor of Engineering (Honours)

Unit from the other degree component	
<b>Year 4 Semester 1</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Notes</b>	
Select a Business Core Option Unit or a Marketing Stream Unit appears in this structure four times to provide flexibility for when students can undertake their elected two (2) Business Core Option Units and two (2) Marketing Stream units	
<b>Marketing Streams</b>	
Select two units (24 credit points) from the Marketing Streams. Units may be selected from one stream or from multiple streams.	
Consumer Insight Through Data Stream	
AMB305	Analysis for Consumer Insights
AMB306	Designing Consumer Research
Marketing Through Innovation Stream	
AMB211	Branding for the Real World
AMB251	Designing Innovative Goods and Services
Marketing Across Borders Stream	
AMB120	Bridging Cultures
AMB336	International Marketing
Leisure Industry Marketing Stream	
AMB207	Entertainment Marketing in a Digital World
AMB209	Designing a Competitive Tourism Strategy
Social Change Through Marketing Stream	
AMB255	Avoiding the Dark Side: Marketing, Ethics and Society
AMB355	Marketing Behavioural and Social Change
<b>Business Core Option Units</b>	
Select two units from the following Business Core Options list:	
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management

BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semesters

- [Semester 1 \(February\) Entry](#)
- [Year 1 Semester 1](#)
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- [Year 2 Semester 1](#)
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- [Year 3 Semester 1](#)
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- [Business Core Options List](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
There are different course progressions for Semester 1 (February) and Semester 2 (July) commencement. This is the Semester 1 entry course progression. The Semester 2 (July) entry course progression is presented below that.	
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2</b>	
AMB299	Marketing Communication
AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 1</b>	
AMB373	Issues, Stakeholders and Reputation

Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 1</b>	
AMB374	Global Public Relations Cases
BSB399	Real World Ready - Business Capstone
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 2</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Business Core Options List</b>	
Select two of the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
The below course progression is for mid-year (July) commencement.	
<b>Year 1 Semester 1 (July)</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AMB299	Marketing Communication

## Bachelor of Business/Bachelor of Engineering (Honours)

AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
Year 3 Semester 1 (July)	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
Year 3 Semester 2 (February)	
AMB374	Global Public Relations Cases
AMB373	Issues, Stakeholders and Reputation
Unit from other degree component	
Unit from other degree component	
Year 4 Semester 1 (July)	
BSB399	Real World Ready - Business Capstone
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
Year 4 Semester 2 (February)	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	

<b>Year</b>	2022
<b>QUT code</b>	SE05
<b>CRICOS</b>	0102144
<b>Duration (full-time)</b>	5 years
<b>ATAR/Selection rank</b>	70.00
<b>Offer Guarantee</b>	Yes
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$8,100 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$35,800 per year full-time (96 credit points)
<b>Total credit points</b>	480
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Deferment</b>	You can defer your offer and postpone the start of your course for one year.
<b>Course Coordinator</b>	Dr Paul Donehue (Urban Development majors); Dr Graham Johnson (Science majors)
<b>Discipline Coordinator</b>	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

For this course you must complete a total of 480 credit points, made up of 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning) and 192 credit points from the Bachelor of Science (Environmental Science). You will study both science and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

Urban and Regional Planning component

Students are required to complete 288 credit points of study comprising:

- 72 credit points of core Urban Development units including a 12

credit point work placement unit and a 12 credit point research methods unit.

- 216 credit points of Urban and Regional Planning major discipline units including 24 credit points of capstone project.

Environmental Science Component

Students are required to complete 192 credit points of study comprising:

- 60 credit points of core Science units including one option unit (12cp) to be selected from a unit options list.
- 132 credit points of Environmental Science major discipline units.

## International Course structure

For this course you must complete a total of 480 credit points, made up of 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning) and 192 credit points from the Bachelor of Science (Environmental Science). You will study both science and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

Urban and Regional Planning component

Students are required to complete 288 credit points of study comprising:

- 72 credit points of core Urban Development units including a 12 credit point work placement unit and a 12 credit point research methods unit
- 216 credit points of Urban and Regional Planning major discipline units including 24 credit points of capstone project.

Environmental Science Component

Students are required to complete 192 credit points of study comprising:

- 60 credit points of core Science units including one option unit (12cp) to be selected from a unit options list.
- 132 credit points of Environmental Science major discipline units.

## Sample Structure Semesters

- [Semester 1 \(February commencements\)](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)

## Bachelor of Urban Development (Honours) (Urban and Regional Planning)/Bachelor of Science (Environmental Science)

- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
UXB131	Planning and Design Practice
UXB132	Urban Analysis
<b>Year 1, Semester 2</b>	
Science: Core Unit Option	
Environmental Science Major Option Unit	
UXB133	Urban Studies
UXB134	Land Use Planning
<b>Year 2, Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
<b>Year 2, Semester 2</b>	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
<b>Year 3, Semester 1</b>	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 3, Semester 2</b>	
BVB204	Ecology
EVB302	Environmental Pollution
UXB230	Site Planning
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
EVB312	Soils and the Environment
OR	
BVB311	Conservation Biology
USB300	Property Development
UXB330	Urban Design
UXH430	Planning Theory and Ethics
<b>Year 4, Semester 2</b>	
EVB304	Case Studies in Environmental Science
ERB310	Groundwater Systems

UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
EVB312	Soils and the Environment
OR (if EVB312 completed previously)	
BVB311	Conservation Biology
EFB231	Economics
UXH400-1	Project - Part A
UXH431	Urban Planning Practice
<b>Year 5, Semester 2</b>	
UXH331	Environmental Planning
UXH432	Community Planning
UXH433	Regional Planning
UXH400-2	Project - Part B



Year	2022
QUT code	SE40
CRICOS	084922G
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	84.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$5,700 per year full-time (96 credit points)
International fee (indicative)	2022: \$36,700 per year full-time (96 credit points)
Total credit points	480
Start months	February
Int. Start Months	February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Jacob Coetzee (Engineering); Professor Tim Moroney (Mathematics major)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours) in SE40, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Mathematics in SE40, students are required to complete 192 credit points of course units, as outlined below:

- 96 credit points (8 units) of Core units, which include 24 credit points (2 units) of Core Option units selected from an approved list.
- 96 credit points (8 units) of Major Core units

## International Course structure

To graduate with a Bachelor of Engineering (Honours) in SE40, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp.

To graduate with a Bachelor of Mathematics in SE40, students are required to complete 192 credit points of course units, as outlined below:

- 96 credit points (8 units) of Core units, which include 24 credit points (2 units) of Core Option units selected from an approved list.
- 96 credit points (8 units) of Major Core units

## Sample Structure Semesters

- [Applied and Computational Mathematics Major unit set:](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)

Code	Title
Applied and Computational Mathematics Major unit set:	
Year 1 Semester 1	
MXB102	Abstract Mathematical Reasoning
MXB106	Linear Algebra
Year 1 Semester 2	
MXB105	Calculus and Differential Equations
Maths Core Options Unit	
Please note: SE40 students will do MXB161 as part of their Engineering Maths units. Choose a unit from the list of Maths core options.	
Year 2 Semester 1	
MXB101	Probability and Stochastic Modelling 1

# Bachelor of Engineering (Honours)/Bachelor of Mathematics

Maths Core Options Unit	
Year 2 Semester 2	
MXB103	Introductory Computational Mathematics
MXB107	Introduction to Statistical Modelling
Year 3 Semester 1	
MXB201	Advanced Linear Algebra
MXB225	Modelling with Differential Equations 1
Year 3 Semester 2	
MXB202	Advanced Calculus
MXB226	Computational Methods 1
Year 4 Semester 1	
MXB322	Partial Differential Equations
MXB326	Computational Methods 2
Year 4 Semester 2	
MXB325	Modelling with Differential Equations 2
MXB328	Work Integrated Learning in Applied and Computational Mathematics

## Semesters

- [Operations Research Major unit set:](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)

Code	Title
Operations Research Major unit set:	
Year 1 Semester 1	
MXB102	Abstract Mathematical Reasoning
MXB106	Linear Algebra
Year 1 Semester 2	
MXB105	Calculus and Differential Equations
Please note: SE40 students will do MXB161 as part of their Engineering Maths units.	
Maths Core Options Unit	
Year 2 Semester 1	
MXB101	Probability and Stochastic Modelling 1
Maths Core Options Unit	
Year 2 Semester 2	
MXB103	Introductory Computational Mathematics
MXB107	Introduction to Statistical Modelling
Year 3 Semester 1	
MXB201	Advanced Linear Algebra
MXB232	Introduction to Operations

Research	
Year 3 Semester 2	
MXB202	Advanced Calculus
MXB241	Probability and Stochastic Modelling 2
Year 4 Semester 1	
MXB332	Optimisation Modelling
MXB341	Statistical Inference
Year 4 Semester 2	
MXB334	Operations Research for Stochastic Processes
MXB338	Work Integrated Learning in Operations Research

## Semesters

- [Statistical Science Major unit set:](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)

Code	Title
Statistical Science Major unit set:	
Year 1 Semester 1	
MXB102	Abstract Mathematical Reasoning
MXB106	Linear Algebra
Year 1 Semester 2	
MXB105	Calculus and Differential Equations
Please note: SE40 students will do MXB161 as part of their Engineering Maths units.	
Maths Core Options Unit	
Year 2 Semester 1	
MXB101	Probability and Stochastic Modelling 1
Maths Core Options Unit	
Year 2 Semester 2	
MXB103	Introductory Computational Mathematics
MXB107	Introduction to Statistical Modelling
Year 3 Semester 1	
MXB201	Advanced Linear Algebra
MXB242	Regression and Design
Year 3 Semester 2	
MXB202	Advanced Calculus
MXB241	Probability and Stochastic Modelling 2
Year 4 Semester 1	
MXB341	Statistical Inference
MXB344	Generalised Linear Models
Year 4 Semester 2	
MXB343	Modelling Dependent Data

MXB348	Work Integrated Learning in Statistics
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## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

## Bachelor of Engineering (Honours)/Bachelor of Mathematics

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
Year 4, Semester 1	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 - Semester 1](#)
- [Year 1 - Semester 2](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
Year 2 - Semester 1	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
Intermediate Electrical Option unit	
Year 4 - Semester 1	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
Year 4 - Semester 2	
CAB240	Information Security
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)

## Bachelor of Engineering (Honours)/Bachelor of Mathematics

- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 1</b>	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
<b>Year 4 - Semester 1</b>	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
<b>Year 4 - Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
<b>Year 5 - Semester 1</b>	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400 -2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)

- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
<b>Year 5 - Semester 2</b>	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

### Semesters

- [Semester 1 \(February\) commencements](#)
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- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical

	Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
<b>Year 5 - Semester 2</b>	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)

## Bachelor of Engineering (Honours)/Bachelor of Mathematics

- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGH404	Research in Engineering Practice
LSB231	Physiology
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

Year	2022
QUT code	SE60
CRICOS	084923F
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$36,800 per year full-time (96 credit points)
Total credit points	480
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Jacob Coetzee (Engineering); Dr Wayne Kelly (Information Technology)
Discipline Coordinator	Dr Thomas Rainey (Chemical Process), Associate Professor Jonathan Bunker (Civil); Dr Matthew McKague (Computer & Software Systems); Dr Jacob Coetzee (Electrical); Dr Aaron McFadyen (Electrical & Aerospace); Dr Wim Dekkers/Professor Ted Steinberg (Mechanical); Associate Professor Luis Alvarez (Mechatronics); Associate Professor Devakar Epari (Medical); Dr Jinglan Zhang (Computer Science); and Dr Erwin Fieft (Information Systems) +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours) in SE60, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Information Technology in SE60, students are required to complete 192 credit points of course units, as outlined below:

- 72 credit points (6 units) of IT Core units, which includes unit from an approved options list.
- 120 credit points (10 units) of Major Core units

## International Course structure

To graduate with a Bachelor of Engineering (Honours) in SE60, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Information Technology in SE60, students are required to complete 192 credit points of course units, as outlined below:

- 72 credit points (6 units) of IT Core units, which includes unit from an approved options list.
- 120 credit points (10 units) of Major Core units

## Sample Structure

### Shared Units

EGB103 will be completed as part of the Engineering component and will contribute to completion requirements of both the Engineering and IT components of the double degree. A replacement unit to be selected from the IT Core Unit Options in the IT component will apply.

Code	Title
<b>First semester Feb/July entry</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics

# Bachelor of Engineering (Honours)/Bachelor of Information Technology

OR	
MXB161	Computational Explorations
EGB103	Computing and Data for Engineers
IFB102	Introduction to Computer Systems
Second semester Feb/July entry	
EGB102	Fundamentals of Engineering Science
IFB103	IT Systems Design
IFB105	Database Management
IFB240	Cyber Security
Note: From 2023 IFB240 will replace IT Core Unit Option. IFB240 will become core unit.	

## PLEASE NOTE:

For students taking the **IT: Computer Science major with Engineering: Computer & Software Systems major**, please refer to the Engineering & IT Units: Computer & Software Systems Major with Computer Science Major (Feb)/(July) structure.

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Computer Science Major Unit Options](#)

Code	Title
Semester 1 (February) commencements	
Year 2, Semester 1	
For Engineering students majoring in: Civil, Mechanical, Medical or Process/Chemical Process major -	
IT Core Unit Option	
IT Core Unit Option	
For Engineering students majoring in: Electrical, Electrical & Aerospace or Mechatronics major -	
IT Core Unit Option	
CAB201	Programming Principles
Year 2, Semester 2	
For Engineering students majoring in: Civil, Mechanical, Medical or Process/Chemical Process major -	
CAB201	Programming Principles

CAB202	Microprocessors and Digital Systems
(Note: Select CAB202 from the Computer Science Major Option list - this is compulsory in the IT component if majoring in these engineering majors.)	
For Engineering students majoring in: Electrical, Electrical & Aerospace or Mechatronics major -	
IT Core Unit Option	
Computer Science Major Unit Option 1	
(Note: CAB202 will be available as core in the engineering component if majoring in these engineering majors.)	
Year 3, Semester 1	
CAB203	Discrete Structures
CAB302	Software Development
Year 3, Semester 2	
CAB303	Networks
IFB295	IT Project Management
Year 4, Semester 1	
CAB301	Algorithms and Complexity
IFB398	Capstone Project (Phase 1)
Year 4, Semester 2	
IFB399	Capstone Project (Phase 2)
Computer Science Major Unit Option 2	
Semester 2 (July) commencements	
Year 2, Semester 2	
CAB201	Programming Principles
IT Core Option	
Year 3, Semester 1	
CAB203	Discrete Structures
For Engineering students majoring in: Civil, Mechanical, Medical or Process/Chemical Process major -	
CAB202	Microprocessors and Digital Systems
For Engineering students majoring in: Electrical, Electrical & Aerospace or Mechatronics major -	
Computer Science Major Unit Option 1	
Year 3, Semester 2	
CAB303	Networks
IFB295	IT Project Management
Year 4, Semester 1	
CAB301	Algorithms and Complexity
CAB302	Software Development
Year 4, Semester 2	
IFB398	Capstone Project (Phase 1)
IT Core Unit Option	
OR	
Computer Science Major Unit Option 2	
Year 5, Semester 1	
IFB399	Capstone Project (Phase 2)
Computer Science Major Unit Option 2	
OR	

IT Core Unit Option	
(Select IT Core Unit Option here, if not selected previously.)	
Computer Science Major Unit Options	
CAB202	Microprocessors and Digital Systems
(CAB202 is CORE unless your Engineering major is in Computer & Software Systems, Electrical, Electrical & Aerospace or Mechatronics in which you will complete CAB202 in your Engineering component.)	
CAB220	Fundamentals of Data Science
CAB320	Artificial Intelligence
CAB340	Cryptography
CAB401	High Performance and Parallel Computing
CAB402	Programming Paradigms
CAB403	Systems Programming
CAB420	Machine Learning
CAB430	Data and Information Integration
CAB432	Cloud Computing
CAB440	Network and Systems Administration

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Code	Title
Semester 1 (February) commencements	
Year 2, Semester 1	
IT Core Unit Option	
IT Core Unit Option	
Year 2, Semester 2	
IAB201	Modelling Techniques for Information Systems
IAB207	Rapid Web Application Development
Year 3, Semester 1	
IAB203	Business Process Modelling
IAB204	Business Requirements Analysis
Year 3, Semester 2	
IAB305	Information Systems Lifecycle Management

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IFB295	IT Project Management
<b>Year 4, Semester 1</b>	
IFB398	Capstone Project (Phase 1)
Select one of:	
IAB206	Modern Data Management
IAB260	Social Technologies
IAB303	Data Analytics for Business Insight
IAB320	Business Process Improvement
IAB402	Information Systems Consulting
<b>Year 4, Semester 2</b>	
IAB401	Enterprise Architecture
IFB399	Capstone Project (Phase 2)
<b>Semester 2 (July) commencements</b>	
<b>Year 2, Semester 2</b>	
IAB201	Modelling Techniques for Information Systems
IT Core Unit Option	
<b>Year 3, Semester 1</b>	
IAB204	Business Requirements Analysis
IAB207	Rapid Web Application Development
<b>Year 3, Semester 2</b>	
IAB305	Information Systems Lifecycle Management
IT Core Unit Option	
<b>Year 4, Semester 1</b>	
IAB203	Business Process Modelling
IFB295	IT Project Management
<b>Year 4, Semester 2</b>	
IAB401	Enterprise Architecture
IFB398	Capstone Project (Phase 1)
<b>Year 5, Semester 1</b>	
IFB399	Capstone Project (Phase 2)
Select ONE of:	
IAB206	Modern Data Management
IAB260	Social Technologies
IAB303	Data Analytics for Business Insight
IAB320	Business Process Improvement
IAB402	Information Systems Consulting

## Semesters

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- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4, Semester 1</b>	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGB364	Process Modelling
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
<b>Year 5 - Semester 2</b>	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

## Semesters

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- [Year 4 - Semester 2](#)
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- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	

EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
CAB201	Programming Principles
IT Core Option Unit	
<b>Year 2 - Semester 2</b>	
CAB240	Information Security
MZB221	Electrical Engineering Mathematics



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CAB202	Microprocessors and Digital Systems
IT Core Option Unit	
Year 3 - Semester 1	
EGB240	Electronic Design
EGB242	Signal Analysis
CAB203	Discrete Structures
CAB302	Software Development
Year 3 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical Option unit	
CAB303	Networks
IFB295	IT Project Management
Year 4 - Semester 1	
CSS Unit Option	
CAB301	Algorithms and Complexity
IFB398	Capstone Project (Phase 1)
Computer Science Unit Option	
Year 4 - Semester 2	
EGH404	Research in Engineering Practice
CAB401	High Performance and Parallel Computing
IFB399	Capstone Project (Phase 2)
Intermediate Software and Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH400 -1	Research Project 1
EGH456	Embedded Systems
CSS Unit Option	
Advanced Electrical Unit Option	
Year 5 - Semester 2	
CAB432	Cloud Computing
EGH400 -2	Research Project 2
EGH455	Advanced Systems Design
Advanced CSS and Advanced Electrical Unit Option	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice

MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
Year 2 - Semester 1	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
Intermediate Electrical Option unit	
Year 4 - Semester 1	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
Year 4 - Semester 2	
CAB240	Information Security
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
EGH400 -1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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- [Year 3 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB201	Programming Principles
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
Intermediate Software Option Unit	
For students with Computer Science Major: CAB301 and CAB302 are core to the Computer Science Major. Please contact Science and Engineering Faculty to be provided a list of additional units you can select from.	
Year 4 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical or Software Option Unit	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH400 -1	Research Project 1
Advanced Electrical or Software Option Unit	
EGH456	Embedded Systems
Year 5 - Semester 2	

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EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Electrical Option Unit	
Advanced Software Option Unit	

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- [Year 5 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	

## Advanced Electrical Option Unit (5)

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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## • [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
<b>Year 5 - Semester 2</b>	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	

## Advanced Electrical Option Unit

## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH400	Research Project 2

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-2	
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGH404	Research in Engineering Practice
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
LSB231	Physiology
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for

	Medical Engineers
EGH418	Biomechanics

## Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

## Semesters

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- [Year 3 - Semester 1](#)
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- [Year 4 - Semester 1](#)
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- [Year 5 - Semester 1](#)
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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems

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EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
<b>Year 4 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

## PLEASE NOTE:

This structure is ONLY for the combination of Engineering Computer & Software Systems and IT Computer Science Majors.

## Semesters

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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
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- [Year 6, Semester 1](#)

Code	Title
<b>Year 2, Semester 2</b>	
MZB127	Engineering Mathematics and Statistics
EGB120	Foundations of Electrical

Code	Title
<b>Engineering</b>	
CAB201	Programming Principles
IT Core Option Unit	
<b>Year 3, Semester 1</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
CAB202	Microprocessors and Digital Systems
IT Core Option Unit	
<b>Year 3, Semester 2</b>	
CAB403	Systems Programming
CAB240	Information Security
CAB303	Networks
Intermediate Electrical Option Unit	
<b>Year 4, Semester 1</b>	
EGB240	Electronic Design
CAB203	Discrete Structures
CAB301	Algorithms and Complexity
IFB295	IT Project Management
<b>Year 4, Semester 2</b>	
CAB401	High Performance and Parallel Computing
Software Option Unit	
Intermediate Software Option Unit or Intermediate Electrical Option Unit	
IFB398	Capstone Project (Phase 1)
<b>Year 5, Semester 1</b>	
EGH404	Research in Engineering Practice
CAB302	Software Development
IFB399	Capstone Project (Phase 2)
Computer Science Option Unit	
<b>Year 5, Semester 2</b>	
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Electrical Option Unit	
<b>Year 6, Semester 1</b>	
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Software Option Unit or Advanced Electrical Option Unit	
Software Option Unit	

## Semesters

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- [Year 3 - Semester 2](#)
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Code	Title
<b>Year 2 - Semester 2</b>	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB240	Information Security
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

## Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital

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	Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

## Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems

EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer

EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

## Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control

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EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

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Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
<b>Year 6 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

Year	2022
QUT code	SE80
CRICOS	084924E
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$38,700 per year full-time (96 credit points)
Total credit points	480
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Jacob Coetzee (Engineering); Dr Graham Johnson (Science)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme>](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours) in SE80, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Science in SE80, students are required to complete

192 credit points of course units, as outlined below:

- 5 units (60 credit points) of science core units, which includes 1 unit (12 credit points) of option units selected from an approved list.
- 11 units (132 credit points) of Major core units.

## International Course structure

To graduate with a Bachelor of Engineering (Honours) in SE80, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Science in SE80, students are required to complete 192 credit points of course units, as outlined below:

- 5 units (60 credit points) of science core units, which includes 1 unit (12 credit points) of option units selected from an approved list.
- 11 units (132 credit points) of Major core units.

## Sample Structure Semesters

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Code	Title
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB104	Grand Challenges in Science



## Bachelor of Engineering (Honours)/Bachelor of Science

SEB113	Quantitative Methods in Science
<b>Year 1 Semester 2</b>	
Science Core Unit Option	
Science Major Unit Option	
<b>Year 2 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2 Semester 2</b>	
BVB101	Foundations of Biology
BVB102	Evolution
<b>Year 3 Semester 1</b>	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
<b>Year 3 Semester 2</b>	
BVB201	Biological Processes
BVB204	Ecology
<b>Year 4 Semester 1</b>	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
<b>Year 4 Semester 2</b>	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 2, Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2, Semester 2</b>	
BVB101	Foundations of Biology
BVB102	Evolution
<b>Year 3, Semester 1</b>	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
<b>Year 3, Semester 2</b>	
BVB201	Biological Processes
BVB204	Ecology
<b>Year 4, Semester 1</b>	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
<b>Year 4, Semester 2</b>	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
<b>Year 5, Semester 1</b>	
Science Core Unit Option	
Science Major Unit Option	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 1 Semester 2</b>	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
<b>Year 2 Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 2 Semester 2</b>	
CVB210	Chemical Measurement Science
Science Core Unit Option	
<b>Year 3 Semester 1</b>	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
<b>Year 3 Semester 2</b>	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
<b>Year 4 Semester 1</b>	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
<b>Year 4 Semester 2</b>	
CVB303	Coordination Chemistry
CVB304	Chemistry Research Project
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science

<b>Year 2, Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2, Semester 2</b>	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
<b>Year 3, Semester 1</b>	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
<b>Year 3, Semester 2</b>	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
<b>Year 4, Semester 1</b>	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
<b>Year 4, Semester 2</b>	
CVB210	Chemical Measurement Science
CVB303	Coordination Chemistry
<b>Year 5, Semester 1</b>	
CVB304	Chemistry Research Project
Science Core Unit Option	

### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 1 Semester 2</b>	
Science Core Unit Option	
Science Major Unit Option	
<b>Year 2 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2 Semester 2</b>	

## Bachelor of Engineering (Honours)/Bachelor of Science

ERB101	Earth Systems
ERB102	Evolving Earth
Year 3 Semester 1	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine and Atmospheric Systems
Year 3 Semester 2	
ERB203	Sedimentary Geology and Stratigraphy
ERB204	Deforming Earth: Fundamentals of Structural Geology
Year 4 Semester 1	
ERB301	Chemical Earth
ERB302	Applied Geophysics
Year 4 Semester 2	
ERB303	Energy Resources and Basin Analysis
ERB304	Dynamic Earth: Plate Tectonics
Semester 2 (July) commencements	
Year 1, Semester 2	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2, Semester 2	
ERB101	Earth Systems
ERB102	Evolving Earth
Year 3, Semester 1	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine and Atmospheric Systems
Year 3, Semester 2	
ERB203	Sedimentary Geology and Stratigraphy
ERB204	Deforming Earth: Fundamentals of Structural Geology
Year 4, Semester 1	
ERB301	Chemical Earth
ERB302	Applied Geophysics
Year 4, Semester 2	
ERB303	Energy Resources and Basin Analysis
ERB304	Dynamic Earth: Plate Tectonics
Year 5, Semester 1	
Science Core Unit Option	
Science Major Unit Option	

### Semesters

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Code	Title
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 1 Semester 2	
Science Core Unit Option	
Science Major Unit Option	
Year 2 Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2 Semester 2	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
Year 3 Semester 1	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
Year 3 Semester 2	
BVB204	Ecology
EVB302	Environmental Pollution
Year 4 Semester 1	
BVB311	Conservation Biology
EVB312	Soils and the Environment
Year 4 Semester 2	
ERB310	Groundwater Systems
EVB304	Case Studies in Environmental Science
Semester 2 (July) commencements	
Year 1, Semester 2	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2

Year 2, Semester 2	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
Year 3, Semester 1	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
Year 3, Semester 2	
BVB204	Ecology
EVB302	Environmental Pollution
Year 4, Semester 1	
BVB311	Conservation Biology
EVB312	Soils and the Environment
Year 4, Semester 2	
ERB310	Groundwater Systems
EVB304	Case Studies in Environmental Science
Year 5, Semester 1	
Science Core Unit Option	
Science Major Unit Option	

### Semesters

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Code	Title
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB113	Quantitative Methods in Science
SEB115	Experimental Science 1
Year 1 Semester 2	
PVB102	Physics of the Very Small
SEB104	Grand Challenges in Science
Year 2 Semester 1	
PVB203	Experimental Physics
SEB116	Experimental Science 2
Year 2 Semester 2	
PVB200	Computational and

# Bachelor of Engineering (Honours)/Bachelor of Science

	Mathematical Physics
Science Core Unit Option	
Year 3 Semester 1	
PQB360	Introduction to Climate Change
PVB210	Stellar Astrophysics
Year 3 Semester 2	
PVB204	Electromagnetism
PVB220	Cosmology
Year 4 Semester 1	
PVB301	Materials and Thermal Physics
PVB302	Classical and Quantum Physics
Year 4 Semester 2	
PVB303	Nuclear and Particle Physics
PVB304	Physics Research
Semester 2 (July) commencements	
Year 1, Semester 2	
PVB102	Physics of the Very Small
SEB104	Grand Challenges in Science
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2, Semester 2	
PVB200	Computational and Mathematical Physics
SEB113	Quantitative Methods in Science
Year 3, Semester 1	
PVB203	Experimental Physics
PVB210	Stellar Astrophysics
Year 3, Semester 2	
PVB204	Electromagnetism
PVB220	Cosmology
Year 4, Semester 1	
PVB301	Materials and Thermal Physics
PVB302	Classical and Quantum Physics
Year 4, Semester 2	
PVB303	Nuclear and Particle Physics
PVB304	Physics Research
Year 5, Semester 1	
PQB360	Introduction to Climate Change
Science Core Unit Option	

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- [Year 5 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

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- [Year 5 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics

Code	Title
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB361	Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Sustainable Chemical Engineering in Practice
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics

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MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice

MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Intermediate Electrical Option unit	
<b>Year 4 - Semester 1</b>	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	
CAB240	Information Security
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
<b>Year 3 - Semester 1</b>	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
<b>Year 4 - Semester 1</b>	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	

EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and

Professional Practice	
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering

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MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
<b>Year 5 - Semester 2</b>	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGH404	Research in Engineering Practice
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	

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EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 3 - Semester 2	
EGB211	Dynamics
LSB231	Physiology
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics

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- [Year 5 - Semester 1](#)
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Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB364	Process Modelling
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

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Code	Title
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
Year 4 - Semester 1	

EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
Year 6 - Semester 1	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
CAB240	Information Security
EGB242	Signal Analysis
Year 4 - Semester 1	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
Year 5 - Semester 1	

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EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	

Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering



## Bachelor of Engineering (Honours)/Bachelor of Science

MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
<b>Year 6 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	

Year	2022
QUT code	DE42
CRICOS	079947G
Duration (full-time)	4 years
ATAR/Selection rank	93.00
Campus	Gardens Point
International fee (indicative)	2021: \$34,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	February
Int. Start Months	February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

Advanced Standing Entry  
Applicants must have a minimum of 264 credit points from core and/or architecture major units in this course.

All other applicants will need to apply for the [Bachelor of Design \(Architecture\)](#).

### Selection ranks

You will be considered solely on the basis of the selection ranks from all of your prior diploma and higher studies you may have undertaken. Your other qualifications and experiences may be allocated selection ranks for entry to other QUT courses, but will not be considered for this course.

[Find out more about how to Apply with Higher Education Study](#)

## International Entry requirements

Applicants must have a minimum of 264 credit points of advanced standing from core and/or Architecture major units in this course.

All other applicants will need to apply for the [Bachelor of Design \(Architecture\)](#).

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Additional Costs

There are requirements that you will need to meet as a student in this course. Information is available from the [Additional course requirements and costs](#) website.

## Pathways to Further Study

On successful completion of this course, you will be eligible to apply for entry into the Master of Design (Urban Design) or the Master of Design (Research), provided you have met entry requirements.

## Professional Recognition

This course, along with the following Master of Architecture course, has received full accreditation from the Architects Accreditation Council of Australia, and full recognition from the Australian Institute of Architects.

## Domestic Course structure Customise your degree

Your architectural studies design course consists of 18 units in your primary major and four units that are common to all six design majors (architectural studies, fashion, industrial design, interactive and visual design, interior design or landscape architecture).

An additional eight units are taken outside your primary major. After studying for a year you can:

- choose a second major# (eight units from any approved QUT degree), or
- choose two minors (a minor is a specific set of four units drawn from courses throughout QUT), or
- choose one minor and four electives.

Minors and majors allow you to tailor your studies to suit your interests and career aspirations. Minors give you breadth of knowledge from two other areas and a second major provides depth in one area. This means eight units of your course (one quarter of your degree) are taken from outside your primary major. You'll work alongside students from other disciplines because that is how it will be when you graduate and work in the real world of design. The possibilities are almost endless.

Here are some examples that might inspire ideas:

- an architecture student could take a minor in interior design and a work integrated learning minor to gain professional industry experience
- a landscape architecture student could take a language minor such as Italian to help them work overseas
- an interior design student could take a second major in industrial design to aid their ambition to design and manufacture their own range of office furniture
- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
- a fashion student could take a minor in business and another in interior design to help meet their dream of

launching their own concept fashion store

- an interactive and visual design student could take a second major in advertising or marketing and work as a designer for a leading digital agency.

And remember - your second major or minors could be in film, creative writing, music, visual arts, drama or other disciplines across QUT. #

## Your course

### Year 1

- three foundation units covering design, design history and sustainability
- two units in introductory core architecture design studios
- first unit dealing with place making

### Year 2

- two design studio units covering the process of design, dwelling, tectonics and public spaces
- units in integrated technology (climate) and history/theory (culture and space)
- study history/theory (architecture in the twentieth century) and architectural technology (building construction)
- first two units of your second major or first minor

### Year 3

- units focusing on digital tools and sustainability
- develop knowledge of technology integration (structure)
- study history/theory (architecture and the city), and architectural technology (building services)
- three units in your second major or minors

### Year 4

- address the context of buildings in urban settings
- design project integrating your accumulated knowledge
- complete your second major or your second minor

## Masters course

This course is designed to be followed by QUT's one-year Master of Architecture. In addition, to work as a registered architect in Australia you will need to:

- have completed two years of practical work experience (one year of which may be during your studies)
- successfully complete the Architectural Practice Examination
- apply for registration to the Architects' Board in each state or territory in which you wish to practise.

## Study overseas

Study overseas while gaining 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. Saving your electives for exchange will allow you the most flexibility. For more information, visit [QUT student exchange](#).

## International Course structure

### Customise your degree

Your Architectural studies design course consists of 18 units in your primary major and four units that are common to all six design majors (architectural studies, fashion, industrial design, interactive and visual design, interior design or landscape architecture).

An additional eight units are taken outside your primary major. After studying for a year you can:

- choose a second major# (eight units from any approved QUT degree), or
- choose two minors (a minor is a specific set of four units drawn from courses throughout QUT), or
- choose one minor and four electives.

Minors and majors allow you to tailor your studies to suit your interests and career aspirations. Minors give you breadth of knowledge from two other areas and a second major provides depth in one area.

This means eight units of your course (one quarter of your degree) are taken from

outside your primary major. You'll work alongside students from other disciplines

because that is how it will be when you graduate and work in the real world of design. The possibilities are almost endless. Here are some examples that might inspire ideas:

- an architecture student could take a minor in interior design and a work integrated learning minor to gain professional industry experience
- a landscape architecture student could take a language minor such as Italian to help them work overseas
- an interior design student could take a second major in industrial design to aid their ambition to design and

manufacture their own range of office furniture

- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
- a fashion student could take a minor in business and another in interior design to help meet their dream of launching their own concept fashion store
- an interactive and visual design student could take a second major in advertising or marketing and work as a designer for a leading digital agency.

And remember - your second major or minors could be in film, creative writing, music, visual arts, drama or other disciplines across QUT. #

## Your course

### Year 1

- three foundation units covering design, design history and sustainability
- two units in introductory core architecture design studios
- first unit dealing with place making

### Year 2

- two design studio units covering the process of design, dwelling, tectonics and public spaces
- units in integrated technology (climate) and history/theory (culture and space)
- study history/theory (architecture in the twentieth century) and architectural technology (building construction)
- first two units of your second major or first minor

### Year 3

- units focusing on digital tools and sustainability
- develop knowledge of technology integration (structure)
- study history/theory (architecture and the city), and architectural technology (building services)
- three units in your second major or minors

### Year 4

- address the context of buildings in urban settings
- design project integrating your accumulated knowledge
- complete your second major or your second minor

## Masters course

This course is designed to be followed by QUT's one-year Master of Architecture. In addition, to work as a registered architect in Australia you will need to:

## Bachelor of Design (Honours) (Architectural Studies) - Advanced Standing Entry

- have completed two years of practical work experience (one year of which may be during your studies)
- successfully complete the Architectural Practice Examination
- apply for registration to the Architects' Board in each state or territory in which you wish to practise.

### Year 4, Semester 2

DAB312	Building Services
DAH811	Architectural Design 8

### Study Overseas

Study overseas while gaining 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. Saving your electives for exchange will allow you the most flexibility. For more information, visit [QUT student exchange](#).

### Sample Structure

#### Semesters

- [Advanced standing \(288 credit points\)](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
Advanced standing (288 credit points)	
DEB100	Design and Sustainability
DEB101	Introducing Design
DEB202	Introducing Design History
DAB103	Architectural Visualisation 1
DAB110	Architectural Design 1
DAB203	Architectural Visualisation 2
DAB210	Architectural Design 2
DAB220	Architecture, Culture and Place
DAB310	Architectural Design 3
DAB325	Architecture in the 20th Century
DAB330	Integrated Technologies 1
DAB403	Architectural Visualisation 3
DAB410	Architectural Design 4
DAB435	Architectural Technology 1
DAB511	Architectural Design 5
DAB611	Architectural Design 6
96 credit points of complementary studies	
Year 4, Semester 1	
DAB311	Systems and Structures
DAH525	Architecture and the City
DAH710	Architectural Design 7
DYN102	Research Strategies in Design

Year	2022
QUT code	DE42
CRICOS	079947G
OP	13
ATAR/Selection rank	71.00
Offer Guarantee	Yes
Campus	Gardens Point
International fee (indicative)	2019: \$34,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	February
Int. Start Months	February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Additional Costs

There are requirements that you will need to meet as a student in this course. Information is available from the [Additional course requirements and costs](#) website.

## Pathways to Further Study

On successful completion of this course, you will be eligible to apply for entry into the Master of Design (Urban Design) or the Master of Design (Research), provided you have met entry requirements.

## Professional Recognition

This course has accreditation from the Australian Institute of Landscape Architects (AILA). Graduates can apply for membership of this professional organisation.

## Domestic Course structure Customise your degree

Your landscape architecture design course consists of 17 units in your primary major and four units that are common to all six design majors (architectural studies, fashion, industrial design, interactive and visual design, interior design or landscape architecture).

An additional eight units are taken outside your primary major. After studying for a year you can:

- choose a second major# (eight units from any approved QUT degree), or

- choose two minors (a minor is a specific set of four units drawn from
- courses throughout QUT), or
- choose one minor and four electives.

Minors and majors allow you to tailor your studies to suit your interests and career aspirations. Minors give you breadth of knowledge from two other areas and a second major provides depth in one area.

This means eight units of your course (one quarter of your degree) are taken from outside your primary major. You'll work alongside students from other disciplines because that is how it will be when you graduate and work in the real world of design. The possibilities are almost endless. Here are some examples that might inspire ideas:

- an architecture student could take a minor in interior design and a work integrated learning minor to gain professional industry experience
- a landscape architecture student could take a language minor such as Italian to help them work overseas
- an interior design student could take a second major in industrial design to aid their ambition to design and manufacture their own range of office furniture
- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
- a fashion student could take a minor in business and another in interior design to help meet their dream of launching their own concept fashion store
- an interactive and visual design student could take a second major in advertising or marketing and work as a designer for a leading digital agency.

And remember - your second major or minors could be in film, creative writing, music, visual arts, drama or other disciplines across QUT.#

## Your course

### Year 1

- set the groundwork for your landscape design studies
- three foundation units covering design, design history and sustainability
- two units of core landscape design studios

# Bachelor of Design (Honours) (Landscape Architecture)

- units in plant studies, landscape construction and visual communication

## Year 2

- two key landscape design studios
- study place theory, environmental psychology and site planning
- explore landscape ecology and physical geography
- units in landscape construction and landscape horticulture
- two units from your second major or minor

## Year 3

- complete four units for your second major or minor
- two landscape design studios
- focus on planting design and detailed design resolution
- combine design with landscape construction
- critique the history of landscape design and contemporary landscape design trends

## Year 4

- further expand your design expertise
- study two units in advanced landscape design
- study a wide range of urban and regional sites and scenarios
- complete units in your chosen second major/minor
- study professional practice and law, and research methods

## Second degree

Undertaking a second major in one of the six design disciplines also gives you the option of obtaining a second degree\*.

After graduation, you can return to complete the remaining 12 units (or equivalent) from your second major to obtain a second qualification. This is usually undertaken part time over two years while working.

Note: This is not a double degree because it is not undertaken simultaneously with the first degree.

## Example

A student completes a Bachelor of Design (Honours) (Industrial Design) with a second major in interactive and visual design.

They can then return to complete units in interactive and visual design and graduate with a second design degree in interactive and visual design.

\* To pursue a second design degree, this second major must be an approved set of eight units from within a Bachelor of Design (Honours) primary major.

# The choice of second majors may be limited in some disciplines.

## Study overseas

Study overseas while gaining 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. Saving your electives for exchange will allow you the most flexibility. For more information, visit [QUT student exchange](#).

## International Course structure

### Customise your degree

Your landscape architecture design course consists of 17 units in your primary major and four units that are common to all six design majors (architectural studies, fashion, industrial design, interactive and visual design, interior design or landscape architecture).

An additional eight units are taken outside your primary major. After studying for a year you can:

- choose a second major# (eight units from any approved QUT degree), or
- choose two minors (a minor is a specific set of four units drawn from
- courses throughout QUT), or
- choose one minor and four electives.

Minors and majors allow you to tailor your studies to suit your interests and career aspirations. Minors give you breadth of knowledge from two other areas and a second major provides depth in one area.

This means eight units of your course (one quarter of your degree) are taken from

outside your primary major. You'll work alongside students from other disciplines because that is how it will be when you graduate and work in the real world of design. The possibilities are almost endless. Here are some examples that might inspire ideas:

- an architecture student could take a minor in interior design and a work integrated learning minor to gain professional industry experience
- a landscape architecture student could take a language minor such

as Italian to help them work overseas

- an interior design student could take a second major in industrial design to aid their ambition to design and manufacture their own range of office furniture
- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
- a fashion student could take a minor in business and another in interior design to help meet their dream of launching their own concept fashion store
- an interactive and visual design student could take a second major in advertising or marketing and work as a designer for a leading digital agency.

And remember - your second major or minors could be in film, creative writing, music, visual arts, drama or other disciplines across QUT. #

## Your course

### Year 1

- set the groundwork for your landscape design studies
- three foundation units covering design, design history and sustainability
- two units of core landscape design studios
- units in plant studies, landscape construction and visual communication

### Year 2

- two key landscape design studios
- study place theory, environmental psychology and site planning
- explore landscape ecology and physical geography
- units in landscape construction and landscape horticulture
- two units from your second major or minor

### Year 3

- complete four units for your second major or minor
- two landscape design studios
- focus on planting design and detailed design resolution
- combine design with landscape construction
- critique the history of landscape design and contemporary landscape design trends

### Year 4

- further expand your design expertise
- study two units in advanced landscape design
- study a wide range of urban and

## Bachelor of Design (Honours) (Landscape Architecture)

- regional sites and scenarios
- complete units in your chosen second major/minor
- study professional practice and law, and research methods

### Second degree

Undertaking a second major in one of the six design disciplines also gives you the option of obtaining a second degree\*.

After graduation, you can return to complete the remaining 12 units (or equivalent) from your second major to obtain a second qualification. This is usually undertaken part time over two years while working.

Note: This is not a double degree because it is not undertaken simultaneously with the first degree.

### Example

A student completes a Bachelor of Design (Honours) (Industrial Design) with a second major in interactive and visual design.

They can then return to complete units in interactive and visual design and graduate with a second design degree in interactive and visual design.

\* To pursue a second design degree, this second major must be an approved set of eight units from within a Bachelor of Design (Honours) primary major.

# The choice of second majors may be limited in some disciplines.

### Study Overseas

Study overseas while gaining 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. Saving your electives for exchange will allow you the most flexibility. For more information, visit [QUT student exchange](#).

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for all primary majors in this course.

## Complementary Studies

You have the opportunity to undertake a second major or two minors. A second major is a set of eight units (96 credit points) in the same discipline. A minor is a set of four units (48 credit points) in the same discipline. You will select your primary major, second major and/or minors after the completion of your first year.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Course Design

Your QUT Bachelor of Engineering (Honours) degree consists of 384 credit points (32 units) arranged as follows:

(a) First Year: Four (4) core units 48cp + two (2) Discipline Foundation units 24cp + two (2) option units 24cp (96 credit points)

(b) Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

Available Majors are:

- Civil
- Computer and Software Systems
- Electrical
- Electrical and Aerospace
- Mechatronics
- Mechanical
- Medical, or
- Process

(c) Complementary Studies: 1 x Second Major (8 unit set) or 2 x Minor (4 unit set each) from the options specified for your chosen major. (96 credit points)

## Pathways to Further Study

The (EN01) Bachelor of Engineering (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs.

## Sample Structure

Code	Title
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations



## Bachelor of Engineering (Honours)

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

Plus 36cp from ONE of the Engineering Foundation Strands

If you're intended to select Medical Engineering Major, please refer your first year study plan at [Medical major 1st Year - July Entry](#)

Code	Title
<b>Year 1 - Semester 2</b>	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
PVB101 is the substitute unit of EGB113 in semester 2	
Plus select 12cp (1 unit) from ONE of the Engineering Foundation Strands	
<b>Year 2 - Semester 1</b>	
MZB126	Engineering Computation
EGB111	Foundation of Engineering Design
Plus select 24cp (2 units) from ONE of the Engineering Foundation Strands	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	askqut@qut.edu.au +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Process) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

## Bachelor of Engineering (Honours) (Chemical Process)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
EGB121	Engineering Mechanics
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 2, Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
EGB322	Thermodynamics
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	
EGB361	Minerals Processing
EGB362	Operations Management and Process Economics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB364	Process Modelling
EGH404	Research in Engineering Practice
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH463	Process Design
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	

EGH400-2	Research Project 2
EGH423	Fluid Dynamics
EGH462	Process Control
2nd Major/Minor Unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
EGB261	Unit Operations
EGB262	Process Principles
EGB323	Fluid Mechanics
2nd Major/Minor Unit	
<b>Year 2, Semester 2</b>	
CVB101	General Chemistry
EGB322	Thermodynamics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	
EGB361	Minerals Processing
EGB362	Operations Management and Process Economics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB364	Process Modelling
EGH404	Research in Engineering Practice
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1

## Bachelor of Engineering (Honours) (Chemical Process)

EGH463	Process Design
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH423	Fluid Dynamics
EGH462	Process Control
2nd Major/Minor Unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
EGB121	Engineering Mechanics

EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
EGB322	Thermodynamics
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB364	Process Modelling
EGH422	Heat Transfer
EGH423	Fluid Dynamics
2nd Major/Minor Unit	
<b>Year 4, Semester 1</b>	
EGB361	Minerals Processing
EGB362	Operations Management and Process Economics
EGH404	Research in Engineering Practice
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control
2nd Major/Minor Unit	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
EGH463	Process Design
2nd Major/Minor Unit	
2nd Major/Minor Unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)
- [Associate Degree in Civil Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive

- 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma
- Up to 1.5 years (144 credit points) credit transfer and be able to complete the degree in 2.5 to 3 years as a full-time student if you complete the associate degree

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Civil) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of

## Bachelor of Engineering (Honours) (Civil)

course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major(192 credit points): one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp
- Complementary studies(96 credit points): one x second major or two x minor .

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major(192 credit points): one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp
- Complementary studies(96 credit points): one x second major or two x minor .

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
EGB121	Engineering Mechanics
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 2, Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 3, Semester 1</b>	
EGB375	Design of Concrete Structures
EGH473	Advanced Geotechnical Engineering
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice

EGH472	Advanced Highway and Pavement Engineering
2nd Major/Minor unit	
One Advanced Civil Unit from:	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
2nd Major/Minor unit	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH479	Advances in Civil Engineering Practice
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 2, Semester 2</b>	

## Bachelor of Engineering (Honours) (Civil)

EGB273	Principles of Construction
EGB373	Geotechnical Engineering
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 3, Semester 1</b>	
EGB375	Design of Concrete Structures
EGH473	Advanced Geotechnical Engineering
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH472	Advanced Highway and Pavement Engineering
EGH475	Advanced Concrete Structures
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
2nd Major/Minor unit	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH479	Advances in Civil Engineering Practice
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics
<b>Year 2, Semester 1</b>	
EGB121	Engineering Mechanics
EGB270	Civil Engineering Materials
MZB127	Engineering Mathematics and Statistics
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
EGB273	Principles of Construction
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB272	Traffic and Transport Engineering
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGB373	Geotechnical Engineering
EGB376	Steel Design
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
<b>Year 4, Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
Select one of:	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
EGH479	Advances in Civil Engineering Practice
2nd Major/Minor unit	
<b>Year 5, Semester 1</b>	

EGH400-2	Research Project 2
2nd Major/Minor unit	
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Computer and Software Systems) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit



## Bachelor of Engineering (Honours) (Computer and Software Systems)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

#### Please note -

This is an example study plan for students on a relatively standard progression, however, depending on which units and second majors/minors you choose, you may need to deviate from that plan. Please contact your Subject Area Coordinator **Dr Wayne Kelly**, Email: [w.kelly@qut.edu.au](mailto:w.kelly@qut.edu.au) if you wish to discuss your study plan options.

### Semesters

- [Year 1, Semester 1 - Feb entry](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1 - Feb entry</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
MZB127	Engineering Mathematics and Statistics
EGB120	Foundations of Electrical Engineering
CAB201	Programming Principles
CAB240	Information Security
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
<b>Year 2, Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
CAB301	Algorithms and Complexity
CAB302	Software Development
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
CAB432	Cloud Computing
EGH404	Research in Engineering Practice

Advanced Computer and Software Systems Unit Option	
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer and Software Systems Unit Option	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

#### Please note -

This is an example study plan for students on a relatively standard progression, however, depending on which units and second majors/minors you choose, you may need to deviate from that plan. Please contact your Subject Area Coordinator **Dr Wayne Kelly**, Email: [w.kelly@qut.edu.au](mailto:w.kelly@qut.edu.au) if you wish to discuss your study plan options.

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
CAB201	Programming Principles
EGB242	Signal Analysis
2nd Major/Minor unit	
2nd Major/Minor unit	

## Bachelor of Engineering (Honours) (Computer and Software Systems)

Year 2, Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 1	
CAB301	Algorithms and Complexity
CAB302	Software Development
EGB240	Electronic Design
2nd Major/Minor unit	
Year 3, Semester 2	
CAB403	Systems Programming
CAB432	Cloud Computing
EGH404	Research in Engineering Practice
2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Electrical Unit Option	
2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Electrical or Software Unit Option	
2nd Major/Minor unit	

### Please note -

This is an example study plan for students on a relatively standard progression, however, depending on which units and second majors/minors you choose, you may need to deviate from that plan. Please contact your Subject Area Coordinator **Dr Wayne Kelly**, Email: [w.kelly@qut.edu.au](mailto:w.kelly@qut.edu.au) if you wish to discuss your study plan options.

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
Year 1, Semester 2 (July)	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science

EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 2, Semester 1	
CAB201	Programming Principles
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2, Semester 2	
CAB240	Information Security
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
2nd Major/Minor unit	
Year 3, Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
CAB302	Software Development
2nd Major/Minor unit	
Year 3, Semester 2	
CAB403	Systems Programming
Intermediate Electrical Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 1	
EGH404	Research in Engineering Practice
Advanced Electrical Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Software or Advanced Electrical	
Year 5, Semester 1	
EGH400-2	Research Project 2
EGH456	Embedded Systems
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Electrical and Aerospace) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

# Bachelor of Engineering (Honours) (Electrical and Aerospace)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

## International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

## Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
EGB242	Signal Analysis
EGB243	Aircraft Systems and Flight
<b>Year 2, Semester 2</b>	
2nd Major/Minor unit	
EGB346	Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB349	Systems Engineering and Design Project
Advanced Electrical and Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGB345	Control and Dynamic Systems
EGH404	Research in Engineering Practice
EGH450	Advanced Unmanned Aircraft Systems
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH445	Modern Control

2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Unit Option	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

## Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
EGB242	Signal Analysis
EGB243	Aircraft Systems and Flight
<b>Year 2, Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Intermediate Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB349	Systems Engineering and Design Project
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice

## Bachelor of Engineering (Honours) (Electrical and Aerospace)

EGH450	Advanced Unmanned Aircraft Systems
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH445	Modern Control
EGH446	Autonomous Systems
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist	

Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB242	Signal Analysis
EGB346	Unmanned Aircraft Systems
MZB221	Electrical Engineering Mathematics
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGB345	Control and Dynamic Systems
Intermediate Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH404	Research in Engineering Practice
EGH445	Modern Control
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical & Aerospace Unit Option	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Electrical) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

## Bachelor of Engineering (Honours) (Electrical)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Year 1, Semester 1 - Feb entry](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

- [Year 4, Semester 2](#)
- [Intermediate Electrical Unit Options List](#)
- [Advanced Electrical Unit Options List](#)

Code	Title
<b>Year 1, Semester 1 - Feb entry</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 2, Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Unit Option 1	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB340	Design and Practice
Advanced Electrical Unit Option 2	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
Intermediate Electrical Unit Option 2	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	

EGH400-1	Research Project 1
Advanced Electrical Unit Option 2	
Advanced Electrical Unit Option 3	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
Advanced Electrical Unit Option 4	
Advanced Electrical Unit Option 5	
2nd Major/Minor unit	
<b>Intermediate Electrical Unit Options List</b>	
EGB342	Telecommunications and Signal Processing
EGB345	Control and Dynamic Systems
EGB348	Electronics
<b>Advanced Electrical Unit Options List</b>	
EGH441	Power System Modelling
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
EGH445	Modern Control
EGH446	Autonomous Systems
EGH448	Power Electronics
EGH449	Advanced Electronics
EGH454	Power Systems Management with Renewable & Storage Resources

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

## Bachelor of Engineering (Honours) (Electrical)

- [Intermediate Electrical Unit Options List](#)
- [Advanced Electrical Unit Options List](#)

Code	Title
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
EGB242	Signal Analysis
<b>Year 2, Semester 2</b>	
Intermediate Electrical Option Unit[1]	
Intermediate Electrical Option Unit[2]	
Intermediate Electrical Option Unit[3]	
2nd Major/Minor unit[1]	
<b>Year 3, Semester 1</b>	
EGB340	Design and Practice
Advanced Electrical Option Unit[1]	
Advanced Electrical Option Unit [2]or 2nd Major/Minor unit[2]	
2nd Major/Minor unit[3]	
<b>Year 3, Semester 2</b>	
Advanced Electrical Option Unit[3]	
Advanced Electrical Option Unit[4]	
2nd Major/Minor unit[2] or Advanced Electrical Option Unit [2]	
EGH404	Research in Engineering Practice
<b>Year 4, Semester 1</b>	
EGH400 -1	Research Project 1
2nd Major/Minor unit[4]	
2nd Major/Minor unit[5]	
2nd Major/Minor unit[6]	
<b>Year 4, Semester 2</b>	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit[5]	
2nd Major/Minor unit[7]	
2nd Major/Minor unit[8]	
<b>Intermediate Electrical Unit Options List</b>	
EGB341	Energy Supply and Delivery
EGB342	Telecommunications and Signal Processing
EGB345	Control and Dynamic Systems
EGB348	Electronics
<b>Advanced Electrical Unit Options List</b>	
EGH441	Power System Modelling
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing

EGH445	Modern Control
EGH446	Autonomous Systems
EGH448	Power Electronics
EGH449	Advanced Electronics
EGH454	Power Systems Management with Renewable & Storage Resources
The following unit options have been discontinued, but will still count towards this minor:	
EGH440 Power Systems Analysis (disc 31/12/2018)	

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Intermediate Electrical Unit Options List](#)
- [Advanced Electrical Unit Options List](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	

EGB240	Electronic Design
EGB241	Electromagnetics and Machines
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit 1	
Intermediate Electrical Option Unit 2	
2nd Major/Minor Unit	
<b>Year 4, Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit 1	
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	
EGH400 -1	Research Project 1
Advanced Electrical Option Unit 2	
Advanced Electrical Option Unit 3	
2nd Major/Minor Unit	
<b>Year 5, Semester 1</b>	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit 4	
Advanced Electrical Option Unit 5	
2nd Major/Minor unit	
<b>Intermediate Electrical Unit Options List</b>	
EGB342	Telecommunications and Signal Processing
EGB345	Control and Dynamic Systems
EGB348	Electronics
<b>Advanced Electrical Unit Options List</b>	
EGH441	Power System Modelling
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
EGH445	Modern Control
EGH446	Autonomous Systems
EGH448	Power Electronics
EGH449	Advanced Electronics
EGH454	Power Systems Management with Renewable & Storage Resources



Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

candidate for the degree of Bachelor of Engineering (Honours)(Mechanical) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

## Bachelor of Engineering (Honours) (Mechanical)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

### International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

### Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
EGB125	Design for Manufacture
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
EGB323	Fluid Mechanics
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB322	Thermodynamics
EGB211	Dynamics
2nd Major/Minor unit option	
<b>Year 3, Semester 1</b>	
EGB316	Design of Machine Elements
EGB321	Dynamics of Machines
EGH414	Stress Analysis
2nd Major/Minor unit option	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH420	Mechanical Systems Design
EGH423	Fluid Dynamics
2nd Major/Minor	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH421	Vibration and Control
2nd Major/Minor unit option	
2nd Major/Minor unit option	
<b>Year 4, Semester 2</b>	
EGH400	Research Project 2

-2	
EGH422	Heat Transfer
2nd Major/Minor unit option	
2nd Major/Minor unit option	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

### Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
EGB323	Fluid Mechanics
2nd Major/Minor unit option	
<b>Year 2, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
EGB322	Thermodynamics
2nd Major/Minor unit option	
<b>Year 3, Semester 1</b>	
EGB316	Design of Machine Elements
EGB321	Dynamics of Machines
EGH414	Stress Analysis
2nd Major/Minor unit option	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
2nd Major/Minor unit option	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH421	Vibration and Control

## Bachelor of Engineering (Honours) (Mechanical)

2nd Major/Minor unit option
2nd Major/Minor unit option
<b>Year 4, Semester 2</b>
EGH400-2 Research Project 2
EGH420 Mechanical Systems Design
2nd Major/Minor unit option
2nd Major/Minor unit option

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
EGB125	Design for Manufacture
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB211	Dynamics
EGB322	Thermodynamics
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 3, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH422	Heat Transfer

EGH423	Fluid Dynamics
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
EGH421	Vibration and Control
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Mechatronics) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

# Bachelor of Engineering (Honours) (Mechatronics)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

## International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

## Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
EGB220	Mechatronics Design 1
Materials Strand Unit (EGB214) OR 2nd Major/Minor unit	
EGB214	Materials and Manufacturing
OR	
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Dynamics Strand Unit (EGB211) OR 2nd Major/Minor unit	
EGB211	Dynamics
OR	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Advanced Electrical Unit Option OR 2nd major/Minor unit	
2nd major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	

EGH404	Research in Engineering Practice
EGB345	Control and Dynamic Systems
EGH419	Mechatronics Design 3
2nd major/Minor unit OR Advanced Electrical Unit Option	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH445	Modern Control
2nd Major/Minor unit OR Materials Strand unit (EGH414)	
EGH414	Stress Analysis
OR	
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH446	Autonomous Systems
2nd Major/Minor unit OR Dynamics Strand unit (EGH413)	
EGH413	Advanced Dynamics
OR	
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

**Please note that the highlighted units must be enrolled in the year and semester specified**

The highlighted units are CAB202, EGB242, EGB345, EGH404, EGH400-1 and EGH400-2.

## Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)

## Bachelor of Engineering (Honours) (Mechatronics)

- Year 4, Semester 2

Code	Title
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
EGB220	Mechatronics Design 1
2nd Major/Minor Unit	
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
EGB320	Mechatronics Design 2
2nd Major/Minor unit	
Intermediate Electrical Unit Option OR 2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB321	Dynamics of Machines
2nd Major/Minor unit	
EGH445	Modern Control
2nd Major/Minor unit	
EGB220	Mechatronics Design 1
2nd major/Minor unit	
OR	
EGH419	Mechatronics Design 3
2nd Major/Minor unit	
Advanced Electrical Unit Option or 2nd Major/Minor unit	
Please note semester of offer changes for EGH445 and EGH446 from 2021: EGH445 has moved to Year 3, Semester 1 or Year 4, Semester 1 in this standard progression. EGH446 has moved to Year 3, Semester 2 or Year 4, Semester 2.	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH413	Advanced Dynamics
2nd Major/Minor unit	
EGB320	Mechatronics Design 2
OR	
EGH446	Autonomous Systems
Intermediate/ Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Please note semester of offer changes for EGH445 and EGH446 from 2021: EGH445 has moved to Year 3, Semester 1 or Year 4, Semester 1 in this standard progression. EGH446 has moved to Year 3, Semester 2 or Year 4, Semester 2.	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH419	Mechatronics Design 3

2nd Major/Minor unit	
EGH445	Modern Control
2nd Major/Minor unit	
Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Please note semester of offer changes for EGH445 and EGH446 from 2021: EGH445 has moved to Year 3, Semester 1 or Year 4, Semester 1 in this standard progression. EGH446 has moved to Year 3, Semester 2 or Year 4, Semester 2.	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH413	Advanced Dynamics
2nd Major/Minor unit	
EGH446	Autonomous Systems
2nd Major/Minor unit	
Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Please note semester of offer changes for EGH445 and EGH446 from 2021: EGH445 has moved to Year 3, Semester 1 or Year 4, Semester 1 in this standard progression. EGH446 has moved to Year 3, Semester 2 or Year 4, Semester 2.	

This is an example study plan for students on a relatively standard progression, however, depending on which units and second majors/minors you choose, you may need to deviate from that plan. Please contact [engineering@qut.edu.au](mailto:engineering@qut.edu.au) if you wish to discuss your study plan options.

### Semesters

- Year 1, Semester 2 (July)
- Year 2, Semester 1
- Year 2, Semester 2
- Year 3, Semester 1
- Year 3, Semester 2
- Year 4, Semester 1
- Year 4, Semester 2
- Year 5, Semester 1

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics
<b>Year 2, Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical

Engineering	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
Intermediate Electrical Option	
Select one of:	
EGB211	Dynamics
2nd Major/Minor Unit	
<b>Year 3, Semester 1</b>	
EGB220	Mechatronics Design 1
Select one of:	
EGB321	Dynamics of Machines
2nd Major/Minor Unit	
Select one of:	
EGB214	Materials and Manufacturing
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 3, Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
2nd Major/Minor Unit	
2nd Major/Minor Unit	
<b>Year 4, Semester 1</b>	
EGH404	Research in Engineering Practice
EGH445	Modern Control
Select one of:	
EGB314	Solid Mechanics
2nd Major/Minor unit	
2nd Major/Minor Unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH419	Mechatronics Design 3
EGH446	Autonomous Systems
Select one of:	
EGH413	Advanced Dynamics
2nd Major/Minor Unit	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit	
Select one of:	
EGB414	Advanced Materials
2nd Major/Minor Unit	
2nd Major/Minor Unit	

Year	2022
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$39,300 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

## Helping you to get into your course

If you don't think your ATAR or selection rank is high enough to get into this course, you can guarantee your entry with guaranteed advanced standing by upgrading through one of the following programs which you can select as one of your QTAC preferences:

## QUT College Diploma in Engineering

QUT College Diploma in Engineering graduates will automatically receive an offer to start the Bachelor of Engineering (Honours) within three weeks after completion of the diploma. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student.

[Find out more about the QUT College Diploma in Engineering](#)

## Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer in the following dual TAFE-Qld Brisbane/QUT award you will automatically receive a QUT conditional offer in June (semester 1 QTAC offer) or October (semester 2 QTAC offer) after your enrolment at TAFE-Qld Brisbane is confirmed.

- [Advanced Diploma of Engineering](#)

Upon completion of the TAFE-Qld courses you will be able to enrol at QUT. You will also automatically receive 1 year (96 credit points) credit transfer and be able to complete the degree in 3 years as a full-time student if you complete the advanced diploma

More details will be provided in your QUT conditional offer letter.

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Professional Recognition

Full professional accreditation from Engineers Australia has been given for this course.

## Complementary Studies

You will have the opportunity to undertake either a 2nd major or two minors.

## Special Course Requirements

A candidate for the degree of Bachelor of Engineering (Honours)(Medical) must obtain at least 60 days of industrial experience/practice in an engineering environment as approved by the course coordinator.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit

# Bachelor of Engineering (Honours) (Medical)

points)

- Complementary studies: one x second major or two x minor (96 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

## International Course structure

To graduate with a Bachelor of Engineering (Honours), students are required to complete 384 credit points of course units, as outlined below:

- First year (96 credit points): four core units 48cp + one Maths option unit 12cp + foundation strand options 36cp (include two discipline foundation units 24cp + one option unit 12cp)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) Honours level units 96cp (192 credit points)
- Complementary Studies: 1 x 2nd major or 2 x minor (96 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp

## Sample Structure

Code	Title
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

## Semesters

- [Year 1, Semester 1 - Feb entry](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)

- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1 - Feb entry</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1, Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
EGB125	Design for Manufacture
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
LQB187	Human Anatomy
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
LSB231	Physiology
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB319	Medical Device Design
EGB323	Fluid Mechanics
EGH414	Stress Analysis
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice
EGH418	Biomechanics
EGH424	Biofluids
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH438	Biomaterials
2nd Major/Minor unit	
2nd Major/Minor unit	

<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH435	Modelling and Simulation for Medical Engineers
2nd Major/Minor unit	
2nd Major/Minor unit	

Code	Title
<b>Year 1 - Semester 1</b>	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	

## Semesters

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 2, Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards.	
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
LSB231	Physiology
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
EGB319	Medical Device Design
EGB323	Fluid Mechanics
EGH414	Stress Analysis
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
EGH404	Research in Engineering Practice



## Bachelor of Engineering (Honours) (Medical)

EGH418	Biomechanics
EGH424	Biofluids
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGH400-1	Research Project 1
EGH438	Biomaterials
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-2	Research Project 2
EGH435	Modelling and Simulation for Medical Engineers
2nd Major/Minor unit	
2nd Major/Minor unit	

### Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Year 1, Semester 2 (July)</b>	
EGB101	Engineering Design and Professional Practice
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2, Semester 1</b>	
EGB120	Foundations of Electrical Engineering
EGB121	Engineering Mechanics
EGB125	Design for Manufacture
MZB127	Engineering Mathematics and Statistics
<b>Year 2, Semester 2</b>	
EGB211	Dynamics
EGB322	Thermodynamics
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	

EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 3, Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 5, Semester 1</b>	
EGH400-2	Research Project 2
EGH421	Vibration and Control
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,800 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,200 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

### IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 (Industrial Design) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first four years, and concentrate on engineering studies for the remainder of this course.

## Design component

You will complete:

- four school-wide Impact Lab units (48 credit points)
- the industrial design major (144 credit points), including: four shared foundation units (48 credit points) eight 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 (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

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 (Industrial Design) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first four years, and concentrate on engineering studies for the remainder of this course.

## Design component

You will complete four school-wide Impact Lab units (48 credit points) and the industrial design major (144 credit points) which incorporates four shared foundation units (48 credit points) and eight units (96 credit points) from the discipline.

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

## Engineering component

You will complete four core units (48 credit points), two core option units (24 credit points), two discipline foundation units (24 credit points), eight engineering major units (96 credit points) and eight engineering honours units (96 credit points). You will choose a major from Chemical Process, Civil, Computer and Software Systems, Electrical, Electrical and Aerospace, Mechatronics, Mechanical or Medical.

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB123	Emerging Design Technology
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must	

apply by 1 November.	
<b>Year 2, Semester 1</b>	
DNB110	ID Studio 1: User Centred Design
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DNB111	ID Studio 2: Aesthetics and Visualisation
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DNB210	ID Studio 3: Interaction and Experience
DNB211	ID Studio 4: Manufacturing Technology
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DNB212	ID Studio 5: Applied Technology
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DNB310	ID Studio 6: Systems Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DNB311	ID Studio 7: Capstone
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB123	Emerging Design Technology

Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DNB110	ID Studio 1: User Centred Design
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DNB111	ID Studio 2: Aesthetics and Visualisation
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DNB211	ID Studio 4: Manufacturing Technology
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DNB212	ID Studio 5: Applied Technology
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DNB210	ID Studio 3: Interaction and Experience
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DNB311	ID Studio 7: Capstone
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DNB310	ID Studio 6: Systems Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

Year 6, Semester 1
Engineering Unit
Engineering Unit
Engineering Unit
Engineering Unit

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4, Semester 1</b>	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGB364	Process Modelling
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
<b>Year 5 - Semester 2</b>	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)

- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 - Semester 1](#)
- [Year 1 - Semester 2](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)

- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Intermediate Electrical Option unit	
<b>Year 4 - Semester 1</b>	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	
CAB240	Information Security
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)

- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 - Semester 1](#)
- [Year 1 - Semester 2](#)
- [Year 2 - Semester 1](#)
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- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
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- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 1	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

## Semesters

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- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Year 5 - Semester 2	
EGH400-2	Research Project 2

# Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

Advanced Mechanical Option Unit
EGH446 Autonomous Systems
Advanced Electrical Option Unit

## Semesters

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- [Year 2 - Semester 2](#)
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- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGH404	Research in Engineering Practice
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 - Semester 1](#)
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- [Year 2 - Semester 1](#)

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
LSB231	Physiology
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

EGH418	Biomechanics
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## Semesters

- [Year 2 - Semester 2](#)
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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

## Semesters

- [Year 2 - Semester 2](#)
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- [Year 3 - Semester 2](#)
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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the

## Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

	Environment
<b>Year 3 - Semester 1</b>	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
<b>Year 4 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

### Semesters

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- [Year 3 - Semester 2](#)
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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	

CAB240	Information Security
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

### Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery

Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

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- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems



## Bachelor of Design (Industrial Design)/Bachelor of Engineering (Honours)

Intermediate Electrical and Aerospace Unit Option

Year 6 - Semester 1

EGH408 Research Project

Advanced Electrical and Aerospace Unit Option

Advanced Electrical and Aerospace Unit Option

### Semesters

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- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

- [Year 2 - Semester 2](#)
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- [Year 3 - Semester 2](#)

- [Year 4 - Semester 1](#)
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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

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- [Year 3 - Semester 2](#)
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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
<b>Year 6 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

<b>Year</b>	2022
<b>QUT code</b>	ID14
<b>CRICOS</b>	096569J
<b>Duration (full-time)</b>	5 years
<b>Duration (part-time domestic)</b>	9 years
<b>ATAR/Selection rank</b>	78.00
<b>Offer Guarantee</b>	Yes
<b>Campus</b>	Gardens Point, Kelvin Grove
<b>Domestic fee (indicative)</b>	2022: CSP \$7,800 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$34,200 per year full-time (96 credit points)
<b>Total credit points</b>	480
<b>Credit points full-time sem.</b>	48
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Deferment</b>	You can defer your offer and postpone the start of your course for one year.
<b>Course Coordinator</b>	Program Director, School of Design; phone +61 7 3138 2000; email: askqut@qut.edu.au
<b>Discipline Coordinator</b>	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

### IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 four years, and for the remainder of this course you will concentrate on engineering studies.

## 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

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 four years and for the remainder of this course you will concentrate on engineering studies.

## 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).

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

## Engineering component

Your engineering studies will include:

- four core units (48 credit points) and two core options (24 credit points)
- one block of 10 major units (120 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

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
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- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
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- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
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- [Year 3, Semester 2](#)
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- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	

DYB102	Impact Lab 2: People
DYB123	Emerging Design Technology
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DXB110	Principles of Interaction Design
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DXB111	Introduction to Web Design
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DXB210	Critical Experience Design
DXB211	Creative Coding
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DXB212	Tangible Media
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DXB310	Augmented Interactions
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DXB311	Advanced Interaction Design Project
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB123	Emerging Design Technology

Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DYB121	Introducing Design Fabrication
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DYB124	Design Consequences
DXB111	Introduction to Web Design
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DXB110	Principles of Interaction Design
DXB211	Creative Coding
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DYB102	Impact Lab 2: People
DXB212	Tangible Media
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DXB210	Critical Experience Design
DXB310	Augmented Interactions
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DXB311	Advanced Interaction Design Project
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DYB201	Impact Lab 3: Planet
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

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## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4, Semester 1</b>	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGB364	Process Modelling
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
<b>Year 5 - Semester 2</b>	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

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Code	Title
<b>Semester 1 (February) commencements</b>	

<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

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Code	Title
<b>Semester 1 (February) commencements</b>	

<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Intermediate Electrical Option unit	
<b>Year 4 - Semester 1</b>	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	
CAB240	Information Security
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
<b>Year 3 - Semester 1</b>	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
<b>Year 4 - Semester 1</b>	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 1</b>	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
<b>Year 4 - Semester 1</b>	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
<b>Year 4 - Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering

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	Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics

MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 1	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGH404	Research in Engineering Practice
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
LSB231	Physiology
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics

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Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

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Code	Title
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
MZB127	Engineering Mathematics and Statistics

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EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
Year 4 - Semester 1	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
Year 6 - Semester 1	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

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Code	Title
Year 2 - Semester 2	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
CAB240	Information Security
EGB242	Signal Analysis
Year 4 - Semester 1	
CAB202	Microprocessors and Digital

Systems	
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
Year 6 - Semester 1	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

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Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 4 - Semester 1	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
Year 5 - Semester 1	
EGB340	Design and Practice
EGH404	Research in Engineering

Practice	
Year 5 - Semester 2	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 6 - Semester 1	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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Code	Title
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
Year 3 - Semester 2	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
Year 4 - Semester 2	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
Year 5 - Semester 2	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
Year 6 - Semester 1	
EGH408	Research Project



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

Advanced Electrical and Aerospace Unit Option

Advanced Electrical and Aerospace Unit Option

### Semesters

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- [Year 3 - Semester 1](#)
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- [Year 4 - Semester 1](#)
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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics

<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
<b>Year 6 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

<b>Year</b>	2022
<b>QUT code</b>	ID14
<b>CRICOS</b>	096569J
<b>Duration (full-time)</b>	5 years
<b>Duration (part-time domestic)</b>	9 years
<b>ATAR/Selection rank</b>	78.00
<b>Offer Guarantee</b>	Yes
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$7,800 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$34,200 per year full-time (96 credit points)
<b>Total credit points</b>	480
<b>Credit points full-time sem.</b>	48
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Deferment</b>	You can defer your offer and postpone the start of your course for one year.
<b>Course Coordinator</b>	Program Director, School of Design; phone +61 7 3138 2000; email: askqut@qut.edu.au
<b>Discipline Coordinator</b>	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 (Landscape Architecture) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first four years, and concentrate on engineering studies for the remainder of this course.

## Design component

You will complete:

- four school-wide Impact Lab units (48 credit points)
- the landscape architecture major (144 credit points), including: our shared foundation units (48 credit points) eight 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 (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

## Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 (Landscape Architecture) and 288 credit points from the Bachelor of Engineering (Honours). You will study design and engineering units in your first four years, and concentrate on engineering studies for the remainder of this course.

## Design component

You will complete:

- four school-wide Impact Lab units (48 credit points)
- the landscape architecture major (144 credit points), including: our shared foundation units (48 credit points) eight 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)
- one block of 10 major units (120 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

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

- electrical engineering
- electrical and aerospace engineering
- mechatronics engineering
- mechanical engineering
- medical engineering

### Study overseas

Study overseas while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
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- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Engineering Unit	

Engineering Unit	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form

DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	

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

Engineering Unit

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
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- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	

DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Engineering Unit	

Engineering Unit	
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

## Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry

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

Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

### Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering

Year 4, Semester 1	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

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- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science

EGB103	Computing and Data for Engineers
Year 2 - Semester 1	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
Intermediate Electrical Option unit	
Year 4 - Semester 1	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
Year 4 - Semester 2	
CAB240	Information Security
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital

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

	Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	

MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

### Semesters

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design

EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

### Semesters

- [Semester 1 \(February\) commencements](#)
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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics

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

Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

### Semesters

- [Semester 1 \(February\) commencements](#)
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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 1	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	

EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
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- [Year 3 - Semester 1](#)
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- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice

MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

### Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture

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

Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGH404	Research in Engineering Practice
LSB231	Physiology
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

### Semesters

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- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics

Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 3 - Semester 2	
EGB211	Dynamics
LSB231	Physiology
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics

### Semesters

- [Year 2 - Semester 2](#)
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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4 - Semester 1	
EGB261	Unit Operations

EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB364	Process Modelling
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

### Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
Year 4 - Semester 1	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering



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

	Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

## Semesters

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- [Year 3 - Semester 2](#)
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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB240	Information Security
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2

EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

## Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

## Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	

## Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics

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

Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

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- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1

Year 4 - Semester 2	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
Year 5 - Semester 2	

EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
Year 6 - Semester 1	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2022: CSP \$7,800 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,200 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Program Director, School of Design; phone +61 7 3138 2000; email: askqut@qut.edu.au

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	Sarah Briant (Architecture); Dr Melissa Teo (Construction Management) +61 7 3138 2000 askqut@qut.edu.au

### Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### International Entry requirements

#### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

### International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Domestic 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Construction Management). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Construction Management component - 48 credit points\*\*

### Urban Development component

The Construction Management major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Construction Management discipline units
- 24 credit points capstone project.

\*\*Four units are completed as part of the Construction Management component and will contribute to the completion requirements of both courses.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### International 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Construction Management). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Construction Management component - 48 credit points\*\*

### Urban Development component

The Construction Management major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Construction Management discipline units
- 24 credit points capstone project.

## Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

\*\*Four units are completed as part of the Construction Management component and will contribute to the completion requirements of both courses.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### Sample Structure Semesters

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- [Semester 2 \(July\) commencements](#)
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- [Year 2, Semester 1](#)
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- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality

EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB211	Environmental Principles of Architectural Design
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management

UXB112	Introduction to Structures
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DYB114	Spatial Histories
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DAB200	Modern Architecture
DAB211	Environmental Principles of Architectural Design
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DYB201	Impact Lab 3: Planet
DAB301	Architectural Design 5: Commercial
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management

	Management
Year 6, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400 -2	Project - Part B
UXH411	Programming and Scheduling

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	Sarah Briant (Architecture); Jason Gray (Quantity Surveying and Cost Engineering) +61 7 3138 2000 askqut@qut.edu.au

### Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Domestic 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Quantity Surveying and Cost Engineering). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Quantity Surveying and Cost Engineering component - 48 credit points\*\*

### Urban Development component

The Quantity Surveying and Cost Engineering major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Quantity Surveying and Cost Engineering discipline units 24 credit points capstone project.

\*\*Four units are completed as part of the Quantity Surveying and Cost Engineering component and will contribute to the completion requirements of both courses.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### International 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Quantity Surveying and Cost Engineering). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Quantity Surveying and Cost Engineering component - 48 credit points\*\*

### Urban Development component

The Quantity Surveying and Cost Engineering major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Quantity Surveying and Cost Engineering discipline units 24 credit points capstone project.

\*\*Four units are completed as part of the Quantity Surveying and Cost Engineering component and will contribute to the completion requirements of both courses.

### Study overseas

Study overseas while gaining credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations

	Explorations
DYB112	Spatial Materiality
EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 3, Semester 2</b>	
DYB201	Impact Lab 3: Planet
DAB202	Architectural Design 4: Metro
LWS012	Urban Development Law
UXB220	Services and Heavy Engineering Measurement
<b>Year 4, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB211	Environmental Principles of Architectural Design
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH420	Risk Management in the Energy and Resources Sectors
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH321	Cost Planning and Controls
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place

DYB113	Create and Represent: Materials
UXB113	Measurement for Construction
LWS012	Urban Development Law
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
UXB213	Advanced Measurement for Construction
UXB115	Introduction to Modern Construction Business
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DYB114	Spatial Histories
UXB114	Integrated Construction
UXB220	Services and Heavy Engineering Measurement
<b>Year 4, Semester 1</b>	
DAB200	Modern Architecture
DAB211	Environmental Principles of Architectural Design
UXB210	Commercial Construction
EFB231	Economics
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXH321	Cost Planning and Controls
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DYB201	Impact Lab 3: Planet
DAB301	Architectural Design 5: Commercial
UXB211	Building Services
UXH310	High-rise Construction



Year 5, Semester 2

UXH312 Construction Legislation

UXH315 Construction Estimating

UXH400  
-1 Project - Part A

UXB301 Professional Practice

Year 6, Semester 1

USB300 Property Development

UXH311 Contract Administration

UXH400  
-2 Project - Part B

UXH420 Risk Management in the  
Energy and Resources  
Sectors

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	79.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

### Domestic 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)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Domestic 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Architecture major, you must complete a total of 240 credit points of core units comprising:

- Architecture, Impact Lab and Design foundation units - 192 credit points
- four units completed as part of the Urban and Regional Planning component - 48 credit points\*\*

### Urban Development component

The Urban and Regional Planning major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Urban and Regional Planning discipline units
- 24 credit points capstone project.

\*\*Four units are completed as part of the Urban and Regional Planning component and will contribute to the completion requirements of both courses.

### Study overseas

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

### International 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 (Architecture) and 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

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### Urban Development component

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- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Urban and Regional Planning discipline units
- 24 credit points capstone project.

\*\*Four units are completed as part of the Urban and Regional Planning component and will contribute to the completion requirements of both courses.

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

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
<b>Year 1, Semester 2</b>	
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
UXB133	Urban Studies
UXB134	Land Use Planning
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
EFB231	Economics
UXB130	History of the Built Environment
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
UXB230	Site Planning
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design

UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
UXB301	Professional Practice
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
<b>Year 5, Semester 2</b>	
UXH331	Environmental Planning
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB133	Urban Studies
UXB134	Land Use Planning
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
LWS012	Urban Development Law

UXB230	Site Planning
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
DAB211	Environmental Principles of Architectural Design
UXB130	History of the Built Environment
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
UXB135	Negotiation and Conflict Resolution
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DAB200	Modern Architecture
DYB201	Impact Lab 3: Planet
EFB231	Economics
UXB301	Professional Practice
<b>Year 5, Semester 2</b>	
UXH331	Environmental Planning
UXH400-1	Project - Part A
UXH432	Community Planning
UXH433	Regional Planning
<b>Year 6, Semester 1</b>	
USB300	Property Development
UXH400-2	Project - Part B
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

### Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### International Entry requirements Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

### International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Domestic 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 (Interior Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Construction Management). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Interior Architecture major, you must complete a total of 192 credit points of core units comprising:

- Interior Architecture, Impact Lab and Design foundation units - 192 credit points

### Urban development component

The Construction Management major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Construction Management discipline units
- 24 credit points capstone project.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### International 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 (Interior Architecture) and 288 credit points from the Bachelor of Urban Development (Honours)(Construction Management). You will study design and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

### Design component

In order to complete the Interior Architecture major, you must complete a total of 192 credit points of core units comprising:

- Interior Architecture, Impact Lab and Design foundation units - 192 credit points

### Urban development component

The Construction Management major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12cps professional practice unit and 12cps research methods unit.
- 192 credit points of Construction Management discipline units
- 24 credit points capstone project.

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## Sample Structure

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
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- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
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- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitation
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DTB200	Interior Access and Assemblies

DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiority
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	

<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitation
DYB114	Spatial Histories
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DTB304	Design in Society
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB211	Building Services
UXH310	High-rise Construction
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
<b>Year 6, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

### Semesters

- [Semester 1 \(February\) commencements](#)

**Bachelor of Design (Interior Architecture)/Bachelor of Urban Development (Honours) (Construction Management)**

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- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiorty
DYB112	Spatial Materiality
EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitance
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet

LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DTB304	Design in Society
UXB211	Building Services
UXH310	High-rise Construction
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Note: We encourage students completing ID18 Interior Architecture and Construction Management to select KKB341	
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
<b>Year 2, Semester 1</b>	
DTB101	Interior Studio: Interiorty
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DTB102	Interior Studio: Inhabitance
DYB114	Spatial Histories

UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 3, Semester 1</b>	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
EFB231	Economics
UXB115	Introduction to Modern Construction Business
<b>Year 3, Semester 2</b>	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
<b>Year 4, Semester 1</b>	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
<b>Year 4, Semester 2</b>	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DTB304	Design in Society
UXB211	Building Services
UXH310	High-rise Construction
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
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KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Note: We encourage students completing ID18 Interior Architecture and Construction Management to select KKB341	
<b>Year 5, Semester 2</b>	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
<b>Year 6, Semester 1</b>	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

Year	2022
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Duration (part-time domestic)	10 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,300 per year full-time (96 credit points)
Total credit points	480
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design; Dr Paul Donehue (Urban Development)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 (Landscape Architecture) and 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning). You will study design and urban development units in your first year, and concentrate on urban development studies for the remainder of this course.

## Design component

In order to complete the Landscape Architecture major, you must complete a total of 192 credit points of core units comprising:

- Landscape Architecture, Impact Lab, Design foundation units and Design specialisation units - 192 credit points
- two units completed as part of the Urban and Regional Planning component - 24 credit points\*\*

## Urban development component

The Urban and Regional Planning major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban

Development units, including 12 cps professional practice unit and 12 cps research methods unit.

- 192 credit points of Urban and Regional Planning discipline units
- 24 credit points capstone project.

\*\*Two units are completed as part of the Urban and Regional Planning component and will contribute to the completion requirements of both courses.

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 (Landscape Architecture) and 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning). You will study design and urban development units in your first year, and concentrate on urban development studies for the remainder of this course.

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The Urban and Regional Planning major component requires completion of 288 credit points (24 units) consisting of:

- 72 credit points of core Urban Development units, including 12 cps professional practice unit and 12 cps research methods unit.
- 192 credit points of Urban and Regional Planning discipline units
- 24 credit points capstone project.

\*\*Two units are completed as part of the Urban and Regional Planning component

## Bachelor of Design (Landscape Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

and will contribute to the completion requirements of both courses.

### Study overseas

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

### Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
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- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Semester 2 \(July\) commencements](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
One unit from the Design Specialisation Unit Options List	
UXB133	Urban Studies
UXB134	Land Use Planning
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
One unit from the Design Specialisation Unit Options List	
UXB130	History of the Built Environment

<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
UXB230	Site Planning
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
EFB231	Economics
UXB330	Urban Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Note: We encourage students completing ID18 Landscape Architecture and URP to select KKB341	
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
USB300	Property Development
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
<b>Year 5, Semester 2</b>	
UXH400-2	Project - Part B
UXH331	Environmental Planning
UXH432	Community Planning
UXH433	Regional Planning
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent:

	Materials
UXB133	Urban Studies
UXB134	Land Use Planning
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
One unit from the Design Specialisation Unit Options List	
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
<b>Year 3, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
One unit from the Design Specialisation Unit Options List	
UXB130	History of the Built Environment
<b>Year 3, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
UXB230	Site Planning
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 4, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
DLB301	Landscape Ecology
UXB330	Urban Design
UXH400-1	Project - Part A
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice



Note: We encourage students completing ID18 Landscape Architecture and URP to select KKB341

Year 5, Semester 2

UXH331 Environmental Planning

UXH400-2 Project - Part B

UXH432 Community Planning

UXH433 Regional Planning

Year 6, Semester 1

EFB231 Economics

USB300 Property Development

UXH430 Planning Theory and Ethics

UXH431 Urban Planning Practice

## Minimum English requirements

Students must meet the English proficiency requirements.

<b>Year</b>	2022
<b>QUT code</b>	ID18
<b>CRICOS</b>	096573B
<b>Duration (full-time)</b>	5 years
<b>Duration (part-time domestic)</b>	10 years
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$8,300 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$32,300 per year full-time (96 credit points)
<b>Total credit points</b>	480
<b>Credit points full-time sem.</b>	48
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Course Coordinator</b>	Program Director, School of Design; Dr Paul Donehue (Urban Development)

<b>Year</b>	2022
<b>QUT code</b>	ID19
<b>CRICOS</b>	096574A
<b>Duration (full-time)</b>	5.5 years
<b>Duration (part-time domestic)</b>	9 years
<b>ATAR/Selection rank</b>	79.00
<b>Offer Guarantee</b>	Yes
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$7,300 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$35,000 per year full-time (96 credit points)
<b>Total credit points</b>	528
<b>Credit points full-time sem.</b>	48
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Deferment</b>	You can defer your offer and postpone the start of your course for one year.
<b>Course Coordinator</b>	Program Director, School of Design; Dr Jacob Coetzee (Engineering)
<b>Discipline Coordinator</b>	Sarah Briant (Architecture); Dr Thomas Rainey (Chemical Process), Associate Professor Jonathan Bunker (Civil), Dr Wayne Kelly (Computer and Software Systems), Dr Aaron Mcfadyen (Electrical and Aerospace), Dr Jacob Coetzee (Electrical), Dr Wim Dekkers/Professor Ted Steinberg (Mechanical), Associate Professor Luis Alvarez (Mechatronics), Associate Professor Devakar Epari (Medical) Design: +61 7 3138 2000; SEF: +61 7 3138 8822 askqut@qut.edu.au (Architecture); sef.enquiry@qut.edu.au (Engineering)

## Domestic Assumed knowledge

Before you start this course we assume you have sound knowledge in these areas

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Entry requirements

### Prerequisites

Satisfactory completion of Year 12 in an Australian school system or equivalent.

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic 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 year 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) eight 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)

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

## Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

## International 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 year 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) eight 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 credits points).

You must choose a major from:

- chemical process engineering
- civil engineering
- computer and software systems engineering

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

- electrical engineering
- electrical and aerospace engineering
- mechatronics engineering
- mechanical engineering
- medical engineering

### Study overseas

[Study overseas](#) while earning credit towards your QUT 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 either degree area, depending on how they match with your QUT course.

### Sample Structure

#### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1, Semester 1](#)
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- [Year 6, Semester 1](#)
- [Year 6, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations

DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 1</b>	
DYB201	Impact Lab 3: Planet
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
Engineering Unit	

Engineering Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 1</b>	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
<b>Year 4, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 1</b>	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Engineering Unit	
Engineering Unit	
<b>Year 5, Semester 2</b>	
DAB302	Architectural Design 6: Communities

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

DAB303	Integrated Architectural Technology
DAB312	Building Services
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
<b>Year 6, Semester 1</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
<b>Year 6, Semester 2</b>	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	

MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from:	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGH473	Advanced Geotechnical Engineering
EGH400-2	Research Project 2
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher)

in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.

MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB272	Traffic and Transport Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 2</b>	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
<b>Year 4 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 2</b>	
No Engineering Units	
<b>Year 6 - Semester 1</b>	
Semester units under review	
<b>Year 6 - Semester 2</b>	
Semester units under review	

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

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGB364	Process Modelling
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH463	Process Design
<b>Year 5 - Semester 2</b>	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice

EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
Other Faculty Unit	
Other Faculty Unit	
Other Faculty Unit	
Other Faculty Unit	
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH463	Process Design
EGH408	Research Project
<b>Year 6 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice

EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis

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MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 4 - Semester 1</b>	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	
CAB240	Information Security
Advanced Computer and Software Systems Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
CAB302	Software Development
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer and Software Systems Unit Option	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer and Software Systems Unit Option	
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
MZB127	Engineering Mathematics and Statistics
CAB201	Programming Principles
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB240	Information Security

EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
CAB302	Software Development
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH456	Embedded Systems
Advanced Computer and Software Systems Unit Option	
<b>Year 6 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer and Software Systems Unit Option	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics

Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Unit Option	
<b>Year 4 - Semester 1</b>	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
<b>Year 4 - Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical and Aerospace Unit Option	
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EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH445	Modern Control
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGB345	Control and Dynamic Systems
EGH450	Advanced Unmanned Aircraft Systems

EGH446	Autonomous Systems
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<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 1</b>	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics

<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical Unit Option 1	
<b>Year 4 - Semester 1</b>	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Unit Option 2	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
Advanced Electrical Unit Option 1	
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Advanced Electrical Unit Option 2	
Advanced Electrical Unit Option 3	
Advanced Electrical Unit Option 4	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Unit Option 5	
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<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	



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EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Unit Option 1	
Year 5 - Semester 1	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400 -1	Research Project 1
Advanced Electrical Unit Option 1	
Advanced Electrical Unit Option 2	
Advanced Electrical Unit Option 3	
Year 6 - Semester 2	
EGH400 -2	Research Project 2
Intermediate Electrical Unit Option 2	
Advanced Electrical Unit Option 4	
Advanced Electrical Unit Option 5	

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Code	Title
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Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161
Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161	

Computational Explorations.	
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH414	Stress Analysis
Year 5 - Semester 2	
EGH400 -1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
Year 6 - Semester 1	
EGH400 -2	Research Project 2
EGH421	Vibration and Control
Semester 2 (July) commencements	
Year 1 - Semester 2	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
Year 2 - Semester 1	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers

Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH414	Stress Analysis
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH404	Research in Engineering Practice
EGH400 -1	Research Project 1
EGH421	Vibration and Control
EGB214	Materials and Manufacturing
Year 6 - Semester 2	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB242	Signal Analysis
<b>Year 3 - Semester 1</b>	
Materials Strand Option Unit	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Dynamics Strand Option Unit	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB345	Control and Dynamic Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics OR Materials Strand Option Unit	
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice

Materials Strand Option Unit	
EGH414	Stress Analysis
Advanced Electrical Unit Option	
<b>Year 5 - Semester 2</b>	
EGH446	Autonomous Systems
EGH419	Mechatronics Design 3
EGH445	Modern Control
Dynamics Strand Option Unit	
EGH413	Advanced Dynamics
Advanced Electrical Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 1</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Dynamics Strand Option Unit	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
Materials Strand Option Unit	
EGB214	Materials and Manufacturing
or	
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems

<b>Year 5 - Semester 1</b>	
Dynamics OR Materials Strand Option Unit	
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand Option Unit	
EGH414	Stress Analysis
Advanced Electrical Unit Option	
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGH446	Autonomous Systems
Intermediate Electrical Unit Option	
Dynamics Strand Option Unit	
EGH413	Advanced Dynamics
Advanced Electrical Unit Option	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher)	

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in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.

MZB125	Introductory Engineering Mathematics
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OR

MXB161	Computational Explorations
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### Year 1 - Semester 2

EGB102	Fundamentals of Engineering Science
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EGB103	Computing and Data for Engineers
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### Year 2 - Semester 1

EGB121	Engineering Mechanics
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MZB127	Engineering Mathematics and Statistics
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### Year 2 - Semester 2

EGB120	Foundations of Electrical Engineering
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EGB125	Design for Manufacture
--------	------------------------

### Year 3 - Semester 1

EGB214	Materials and Manufacturing
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EGB314	Solid Mechanics
--------	-----------------

### Year 3 - Semester 2

EGB210	Fundamentals of Mechanical Design
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EGB211	Dynamics
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### Year 4 - Semester 1

EGB323	Fluid Mechanics
--------	-----------------

LQB187	Human Anatomy
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### Year 4 - Semester 2

LSB231	Physiology
--------	------------

EGH404	Research in Engineering Practice
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### Year 5 - Semester 1

EGB319	Medical Device Design
--------	-----------------------

EGH414	Stress Analysis
--------	-----------------

### Year 5 - Semester 2

EGH400-1	Research Project 1
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EGH418	Biomechanics
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EGH424	Biofluids
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EGH435	Modelling and Simulation for Medical Engineers
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### Year 6 - Semester 1

EGH400-2	Research Project 2
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EGH438	Biomaterials
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### Semester 2 (July) commencements

### Year 1 - Semester 2

EGB101	Engineering Design and Professional Practice
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MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist

Mathematics, you must choose MXB161 Computational Explorations.

MZB125	Introductory Engineering Mathematics
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MXB161	Computational Explorations
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### Year 2 - Semester 1

EGB102	Fundamentals of Engineering Science
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EGB103	Computing and Data for Engineers
--------	----------------------------------

### Year 2 - Semester 2

EGB121	Engineering Mechanics
--------	-----------------------

MZB127	Engineering Mathematics and Statistics
--------	--

### Year 3 - Semester 1

EGB125	Design for Manufacture
--------	------------------------

EGB314	Solid Mechanics
--------	-----------------

### Year 3 - Semester 2

EGB210	Fundamentals of Mechanical Design
--------	-----------------------------------

EGB211	Dynamics
--------	----------

### Year 4 - Semester 1

EGB323	Fluid Mechanics
--------	-----------------

LQB187	Human Anatomy
--------	---------------

### Year 4 - Semester 2

EGB120	Foundations of Electrical Engineering
--------	---------------------------------------

LSB231	Physiology
--------	------------

### Year 5 - Semester 1

EGH404	Research in Engineering Practice
--------	----------------------------------

EGH414	Stress Analysis
--------	-----------------

### Year 5 - Semester 2

(No Engineering Units)

### Year 6 - Semester 1

EGH400-1	Research Project 1
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EGB214	Materials and Manufacturing
--------	-----------------------------

EGB319	Medical Device Design
--------	-----------------------

EGH438	Biomaterials
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### Year 6 - Semester 2

EGH400-2	Research Project 2
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EGH435	Modelling and Simulation for Medical Engineers
--------	--

EGH418	Biomechanics
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EGH424	Biofluids
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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
<b>Year 1, Semester 2</b>	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
<b>Year 2, Semester 2</b>	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 1</b>	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
<b>Year 3, Semester 2</b>	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	

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Year 4, Semester 1	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
DYB201	Impact Lab 3: Planet
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Engineering Unit	
Engineering Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DAB101	Architectural Design 1: Explorations

DAB200	Modern Architecture
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB361	Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Sustainable Chemical Engineering in Practice
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH404	Research in Engineering Practice

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<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH463	Process Design
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
CVB101	General Chemistry
EGB322	Thermodynamics
<b>Year 4 - Semester 1</b>	
EGB262	Process Principles
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB261	Unit Operations
EGB361	Minerals Processing
<b>Year 5 - Semester 2</b>	
Other Faculty Unit	
Other Faculty Unit	
Other Faculty Unit	
Other Faculty Unit	
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH463	Process Design
EGH408	Research Project
<b>Year 6 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice

EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	

EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH472	Advanced Highway and Pavement Engineering
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice
<b>Year 6 - Semester 1</b>	
EGH473	Advanced Geotechnical Engineering
EGH400-2	Research Project 2
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH472	Advanced Highway and Pavement Engineering
<b>Year 5 - Semester 1</b>	
EGB275	Structural Mechanics
EGB375	Design of Concrete Structures
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGB371	Engineering Hydraulics

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EGH404	Research in Engineering Practice
EGH400-1	Research Project 1
EGH473	Advanced Geotechnical Engineering
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGH471	Advanced Water Engineering
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	

<b>Year 3 - Semester 1</b>	
CAB201	Programming Principles
EGB242	Signal Analysis
<b>Year 3 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
CAB302	Software Development
Advanced Computer & Software Systems Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH456	Embedded Systems
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
CAB201	Programming Principles
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	

CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
CAB301	Algorithms and Complexity
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH456	Embedded Systems
CAB302	Software Development
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Computer & Software Systems Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice

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MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time .	
Year 4 - Semester 1	
EGB340	Design and Practice
Foundation Unit Option	
Year 4 - Semester 2	
Intermediate Electrical Option Unit (2)	
Intermediate Electrical Option Unit (3)	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Year 5 - Semester 2	
EGH400 -1	Research Project 1
Advanced Electrical Option Unit (2)	
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Year 6 - Semester 1	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit (5)	
Semester 2 (July) commencements	
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering

MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
Intermediate Electrical Option Unit (1)	
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGB340	Design and Practice
Intermediate Electrical Option Unit (3)	
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 6 - Semester 2	
EGH400 -2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH445	Modern Control
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 5, Semester 2 to Year 5, Semester 1 in this standard progression. EGH446 has moved from Year 5, Semester 1 to Year 5, Semester 2.	
Year 5 - Semester 2	
EGH400 -1	Research Project 1
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 5, Semester 2 to Year 5, Semester 1 in this standard progression. EGH446 has	

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

moved from Year 5, Semester 1 to Year 5, Semester 2.	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit	
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 6, Semester 2 to Year 6, Semester 1 in this standard progression. EGH446 has moved from Year 6, Semester 1 to Year 6, Semester 2.	
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2

EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 6, Semester 2 to Year 6, Semester 1 in this standard progression. EGH446 has moved from Year 6, Semester 1 to Year 6, Semester 2.	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics

<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH421	Vibration and Control
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
EGB314	Solid Mechanics
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB321	Dynamics of Machines
EGH404	Research in Engineering



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Practice	
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical

Engineering	
Foundation Unit Option	
Year 3 - Semester 1	
EGB211	Dynamics
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
EGB321	Dynamics of Machines
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH445	Modern Control
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 5, Semester 2 to Year 5, Semester 1 in this standard progression. EGH446 has moved from Year 5, Semester 1 to Year 5, Semester 2.	
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH413	Advanced Dynamics
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 5, Semester 2 to Year 5, Semester 1 in this standard progression. EGH446 has moved from Year 5, Semester 1 to Year 5, Semester 2	
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
Semester 2 (July) commencements	
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
Or	
MXB161	Computational Explorations
Year 2 - Semester 2	
EGB120	Foundations of Electrical

Engineering	
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB211	Dynamics
EGB220	Mechatronics Design 1
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGB321	Dynamics of Machines
Intermediate Electrical Option Unit	
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 6, Semester 2 to Year 6, Semester 1 in this standard progression. EGH446 has moved from Year 6, Semester 1 to Year 6, Semester 2.	
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Please note change to semester of offer of EGH445 and EGH446 from 2021: EGH445 has moved from Year 6, Semester 2 to Year 6, Semester 1 in this standard progression. EGH446 has moved from Year 6, Semester 1 to Year 6, Semester 2.	

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Code	Title
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<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
LSB131	Anatomy
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
LSB231	Physiology
EGB210	Fundamentals of Mechanical Design
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB211	Dynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

EGH418	Biomechanics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH438	Biomaterials
<b>Semester 2 (July) commencements</b>	
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
PVB101	Physics of the Very Large
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
MZB125	Introductory Engineering Mathematics
MXB161	Computational Explorations
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
Foundation Unit Option	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
LSB231	Physiology
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LSB131	Anatomy
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB314	Solid Mechanics
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
(No Engineering Units)	
<b>Year 6 - Semester 1</b>	
EGH400-1	Research Project 1
EGB214	Materials and Manufacturing
EGH404	Research in Engineering Practice
EGH438	Biomaterials
<b>Year 6 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

Year	2022
QUT code	IX59
CRICOS	084925D
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$10,400 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,300 per year full-time (96 credit points)
Total credit points	480
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Director of Studies, QUT Business School; or Dr Jacob Coetzee (Engineering)
Discipline Coordinator	AskQUT +61 7 3138 2000 bus@qut.edu.au; sef.enquiry@qut.edu.au; askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours) in IX59, students are required to complete 288 credit points of course units, as outlined below:

- First year: Four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp

To complete the Bachelor of Business students will complete 192 credit points of

course units, as outlined below:

- eight Business School core units (96 credit points) \*
- eight major core units (96 credit points)

\*Accounting major students complete six business core units and 10 accounting major units to allow them to complete professional requirements.

## International Course structure

To graduate with a Bachelor of Engineering (Honours) in IX59, students are required to complete 288 credit points of course units, as outlined below:

- First year: Four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: One (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points)

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp

To complete the Bachelor of Business students will complete 192 credit points of course units, as outlined below:

- eight Business School core units (96 credit points) \*
- eight major core units (96 credit points)

\*Accounting major students complete six business core units and 10 accounting major units to allow them to complete professional requirements.

## Sample Structure Semesters

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- [Year 5 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 2 - Semester 2	

## Bachelor of Business/Bachelor of Engineering (Honours)

EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
Year 4, Semester 1	

EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for

Engineers	
Year 2 - Semester 1	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
Intermediate Electrical Option unit	
Year 4 - Semester 1	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
Year 4 - Semester 2	
CAB240	Information Security
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems

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EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1) EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	
MZB221	Electrical Engineering

Code	Title
Mathematics	
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

### Semesters

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics

Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	

## Bachelor of Business/Bachelor of Engineering (Honours)

EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 1	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 2	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics

OR	
CAB202	Microprocessors and Digital Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation

Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
Year 4 - Semester 1	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	

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EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGH404	Research in Engineering Practice
LSB231	Physiology
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	

EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 3 - Semester 2	
EGB211	Dynamics
LSB231	Physiology
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics

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Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics

Year 4 - Semester 2	
EGB364	Process Modelling
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

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- [Year 5 - Semester 2](#)
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Code	Title
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
Year 4 - Semester 1	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice

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One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

### Semesters

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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB240	Information Security
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems

Advanced Computer & Software Systems Option Unit

### Semesters

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- [Year 5 - Semester 2](#)
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Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

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- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	

### Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	



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EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

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Code	Title
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
Year 4 - Semester 2	

EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
Year 5 - Semester 2	
EGH400-1	Research Project 1

EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
Year 6 - Semester 1	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

### Semesters

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- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units](#)

Code	Title
Year 1 Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
Year 1 Semester 2	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
Unit BSB151 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	
Year 2 Semester 1	
AYB106	Accounting Processes and Systems
BSB105	The Future Enterprise
Unit from the other degree component	
Unit from the other degree component	
Year 2 Semester 2	
AYB201	Financial Accounting and Reporting
AYB202	Management Accounting
Unit from the other degree component	
Unit from the other degree component	
Year 3 Semester 1	
AYB203	Taxation
BSB152	Financial Management
Unit from the other degree component	
Unit from the other degree component	
Unit BSB152 is undertaken as one of the two Business Core Option Units if seeking professional recognition upon graduation.	

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Year 3 Semester 2	
AYB230	Corporations Law
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
Year 4 Semester 1	
BSB399	Real World Ready - Business Capstone
AYB340	Company Accounting
Unit from the other degree component	
Unit from the other degree component	
Year 4 Semester 2	
AYB301	Audit and Assurance
AYB339	Accountancy Capstone
Unit from the other degree component	
Unit from the other degree component	
Business Core Option Units	
Select one Business Core Option Unit:	
BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics

### Semesters

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- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units](#)

Code	Title
Year 1 Semester 1	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other course component	
Unit from the other course component	
Year 1 Semester 2	
BSB107	Financial Performance and Responsibility
AMB111	Advertising Works
Unit from the other course component	
Unit from the other course component	
Year 2 Semester 1	
BSB108	Business Environment
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Unit from the other course component	
Unit from the other course component	
Year 2 Semester 2	
AMB201	Marketing and Audience

	Analytics
AMB223	Create Advertising
Unit from the other course component	
Unit from the other course component	
Year 3 Semester 1	
AMB224	Consumers and Media Channels
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
Year 3 Semester 2	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from the other course component	
Unit from the other course component	
Year 4 Semester 1	
AMB299	Marketing Communication
AMB330	Digital Optimisation
Unit from the other course component	
Unit from the other course component	
Year 4 Semester 2	
BSB399	Real World Ready - Business Capstone
AMB399	Capstone Experience
Unit from the other course component	
Unit from the other course component	
Business Core Option Units	
Select two units from the following core option units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

### Semesters

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- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)

- [Year 4 Semester 2 \(February\)](#)
- [Economics Option Units](#)
- [Business Core Option Units](#)

Code	Title
Semester 1 (February) Entry	
This course progression relates to February entry. The course progression for July entry is underneath.	
Year 1 Semester 1	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
Year 1 Semester 2	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 1	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
Year 2 Semester 2	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 3 Semester 1	
BSB250	Business Citizenship
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 3 Semester 2	
Select a Business Core Option or Economics Option Unit	
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 1	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
Year 4 Semester 2	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option or Economics Option Unit	

## Bachelor of Business/Bachelor of Engineering (Honours)

Two units from other degree component	
Two units from other degree component	
<b>Economics Option Units</b>	
Select 4 (48cp) from the Economics Unit Options listed below:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
<b>Business Core Option Units</b>	
Select two (24cp) units from the Business Core Options Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB108	Business Environment
EFB228	Microeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB105	The Future Enterprise
EFB229	Macroeconomics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
EFB222	Introduction to Applied Econometrics
Select a Business Core Option unit or	

Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
BSB250	Business Citizenship
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	
Select a Business Core Option unit or Economics Option Unit	
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
EFB338	Contemporary Application of Economic Theory
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option unit or Economics Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Economics Option Units</b>	
Select 4 (48 credit points) from the Economics Unit Options List:	
EFB210	Fundamentals of Finance
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB336	International Economics
EFB337	Game Theory and Applications
EFB341	Development Economics: An Immersive Experience
EFB346	Market Structure and Regulation
EFB349	Macroeconomic Policy
<b>Business Core Option Units</b>	
Select 2 (24 credit points) from the Business Core Options List:	
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management

BSB305	Undergraduate Business Internship
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units list](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB108	Business Environment
EFB231	Economics
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
BSB105	The Future Enterprise
EFB201	Financial Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2</b>	
EFB210	Fundamentals of Finance
EFB222	Introduction to Applied Econometrics
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
BSB250	Business Citizenship
Select a Business Core Option unit	
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
EFB335	Investments
EFB343	Corporate Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB344	Risk Management and Derivatives
EFB360	Finance Capstone
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	

## Bachelor of Business/Bachelor of Engineering (Honours)

BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list</b>	
Select two units (24cp) from the Business Core Options Units:	
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises

### Semesters

- [Semester 1 \(February\) Entry](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units:](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)
- [Business Core Option Units list:](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
This course progression relates to February entry. The course progression for July entry is underneath.	
<b>Year 1 Semester 1</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 1</b>	
Select a Business Core Option Unit	
Select a Business Core Option Unit	
Two units from other degree component	

Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units	
<b>Year 2 Semester 2</b>	
AYB203	Taxation
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1</b>	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2</b>	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2</b>	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units:</b>	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
This progression relates to mid-year (July) entry.	
<b>Year 1 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Two units from other degree component	
Two units from other degree component	
<b>Year 1 Semester 2 (February)</b>	

BSB105	The Future Enterprise
Select a Business Core Option Unit	
Two units from other degree component	
Two units from other degree component	
Students seeking professional recognition must undertake BSB151 as one of the Business Core Option units.	
<b>Year 2 Semester 1 (July)</b>	
BSB106	Dynamic Markets
EFB210	Fundamentals of Finance
Two units from other degree component	
Two units from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB250	Personal Financial Planning
AYB203	Taxation
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 1 (July)</b>	
AYB240	Superannuation and Retirement Planning
BSB250	Business Citizenship
Two units from other degree component	
Two units from other degree component	
<b>Year 3 Semester 2 (February)</b>	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 1 (July)</b>	
AYB232	Financial Services Regulation and Law
AYB346	Financial Plan Construction (Capstone)
Two units from other degree component	
Two units from other degree component	
<b>Year 4 Semester 2 (February)</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit.	
Two units from other degree component	
Two units from other degree component	
<b>Business Core Option Units list:</b>	
Select two units from the Business Core Option list below:	
BSB152	Financial Management
BSB131	Applied Business Analytics
BSB130	Social Enterprises
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance

# Bachelor of Business/Bachelor of Engineering (Honours)

## Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
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- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Units:](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Two units from other degree component.	
Two units from other degree component.	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
MGB130	Managing People
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
MGB131	Introducing Human Resource Management
Two units from other degree component.	
Two units from other degree component.	
<b>Year 2 Semester 2</b>	
MGB132	Obligations and Options for Employing People
Select a unit from the Business Core Option Unit list.	
Two units from other degree component.	
Two units from other degree component.	
<b>Year 3 Semester 1</b>	
MGB230	Recruiting and Selecting People
BSB250	Business Citizenship
Two units from other degree component.	
Two units from other degree component.	
<b>Year 3 Semester 2</b>	
MGB231	Developing Talent
MGB232	Managing Performance and Rewards
Two units from other degree component.	
Two units from other degree component.	
<b>Year 4 Semester 1</b>	
MGB371	Contemporary Issues in Human Resource Management
Select a unit from the Business Core Options list.	
Two units from other degree component.	
Two units from other degree component.	

<b>Year 4 Semester 2</b>	
MGB372	Creating Value through People
BSB399	Real World Ready - Business Capstone
Two units from other degree component.	
Two units from other degree component.	
<b>Business Core Option Units:</b>	
Select two units (24cp) from the Business Core Options Units listed below:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management

## Semesters

- [Semester 1 \(February\) Entry](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Core Options Units](#)
- [Semester 2 \(July\) Entry](#)
- [Year 1 Semester 1 \(July\)](#)
- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
Semester 1 and Semester 2 commencement follow different core progressions. The Semester 2 (mid-year July) entry course progression is presented below the Semester 1 (February) entry course progression.	
<b>Year 1, Semester 1</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1, Semester 2</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 1</b>	

BSB107	Financial Performance and Responsibility
MGB225	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2, Semester 2</b>	
AYB227	International Accounting
Select a Business Core Option Unit.	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 1</b>	
MGB340	International Business in the Asia-Pacific
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3, Semester 2</b>	
EFB240	Finance for International Business
AMB303	International Logistics
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 1</b>	
BSB399	Real World Ready - Business Capstone
AMB336	International Marketing
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4, Semester 2</b>	
AMB399	Capstone Experience
Select a unit from the Business Core Options List.	
Unit from the other degree component	
Unit from the other degree component	
<b>Core Options Units</b>	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
<b>Semester 2 (July) Entry</b>	
The below progression relates to mid-year (July) commencement.	
<b>Year 1 Semester 1 (July)</b>	
BSB106	Dynamic Markets
BSB108	Business Environment
Unit from the other degree component	

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Unit from the other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB105	The Future Enterprise
AMB110	Internationalisation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
MGB225	Intercultural Communication and Negotiation Skills
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2 (February)</b>	
AYB227	International Accounting
Select a Business Core Option unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1 (July)</b>	
EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2 (February)</b>	
AMB303	International Logistics
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1 (July)</b>	
AMB336	International Marketing
Select a Business Core Option unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2 (February)</b>	
AMB399	Capstone Experience
BSB399	Real World Ready - Business Capstone
Unit from the other degree component	
Unit from the other degree component	

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Business Core Option Unit List](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment

Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
MGB130	Managing People
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB106	Dynamic Markets
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
MGB133	Managing Strategy
Select one of the following two units:	
MGB233	Entrepreneurship
MGB234	Managing Knowledge, Innovation, and Creativity
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
MGB235	Monitoring and Managing Operational Performance
BSB250	Business Citizenship
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
MGB236	Identifying and Managing Risk
Select a Business Core Option Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 1</b>	
BSB399	Real World Ready - Business Capstone
MGB237	Managing Projects for Performance
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
MGB348	Implementing Sustainable Change
MGB349	Creating Strategic Solutions for Sustainable Business Growth
Unit from the other degree component	
Unit from the other degree component	
<b>Business Core Option Unit List</b>	
Select two from the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and

	Enterprise Skills
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB130	Social Enterprises
BSB152	Financial Management
BSB131	Applied Business Analytics

### Semesters

- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)
- [Notes](#)
- [Marketing Streams](#)
- [Business Core Option Units](#)

Code	Title
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Unit from the other degree component	
Unit from the other degree component	
<b>Year 1 Semester 2</b>	
BSB107	Financial Performance and Responsibility
AMB140	Marketplace Simulation
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 1</b>	
BSB108	Business Environment
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 2 Semester 2</b>	
AMB200	Understanding how Consumers Think, Feel, and (Mis)Behave
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 1</b>	
AMB201	Marketing and Audience Analytics
AMB299	Marketing Communication
Unit from the other degree component	
Unit from the other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB340	Marketing Service Experiences
Unit from the other degree component	

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Unit from the other degree component	
<b>Year 4 Semester 1</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Year 4 Semester 2</b>	
BSB399	Real World Ready - Business Capstone
Select a Business Core Option Unit or a Marketing Stream Unit	
Unit from the other degree component	
Unit from the other degree component	
<b>Notes</b>	
Select a Business Core Option Unit or a Marketing Stream Unit appears in this structure four times to provide flexibility for when students can undertake their elected two (2) Business Core Option Units and two (2) Marketing Stream units	
<b>Marketing Streams</b>	
Select two units (24 credit points) from the Marketing Streams. Units may be selected from one stream or from multiple streams.	
Consumer Insight Through Data Stream	
AMB305	Analysis for Consumer Insights
AMB306	Designing Consumer Research
Marketing Through Innovation Stream	
AMB211	Branding for the Real World
AMB251	Designing Innovative Goods and Services
Marketing Across Borders Stream	
AMB120	Bridging Cultures
AMB336	International Marketing
Leisure Industry Marketing Stream	
AMB207	Entertainment Marketing in a Digital World
AMB209	Designing a Competitive Tourism Strategy
Social Change Through Marketing Stream	
AMB255	Avoiding the Dark Side: Marketing, Ethics and Society
AMB355	Marketing Behavioural and Social Change
<b>Business Core Option Units</b>	
Select two units from the following Business Core Options list:	
BSB305	Undergraduate Business Internship
BSB151	Business Law and Governance
BSB152	Financial Management

BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

### Semesters

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- [Year 1 Semester 1](#)
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- [Semester 2 \(July\) Entry](#)
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- [Year 1 Semester 2 \(February\)](#)
- [Year 2 Semester 1 \(July\)](#)
- [Year 2 Semester 2 \(February\)](#)
- [Year 3 Semester 1 \(July\)](#)
- [Year 3 Semester 2 \(February\)](#)
- [Year 4 Semester 1 \(July\)](#)
- [Year 4 Semester 2 \(February\)](#)

Code	Title
<b>Semester 1 (February) Entry</b>	
There are different course progressions for Semester 1 (February) and Semester 2 (July) commencement. This is the Semester 1 entry course progression. The Semester 2 (July) entry course progression is presented below that.	
<b>Year 1 Semester 1</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2</b>	
AMB299	Marketing Communication
AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 1</b>	
AMB373	Issues, Stakeholders and Reputation

Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Year 3 Semester 2</b>	
BSB250	Business Citizenship
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 1</b>	
AMB374	Global Public Relations Cases
BSB399	Real World Ready - Business Capstone
Unit from other degree component	
Unit from other degree component	
<b>Year 4 Semester 2</b>	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
<b>Business Core Options List</b>	
Select two of the following Business Core Option Units:	
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
BSB305	Undergraduate Business Internship
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB151	Business Law and Governance
BSB152	Financial Management
<b>Semester 2 (July) Entry</b>	
The below course progression is for mid-year (July) commencement.	
<b>Year 1 Semester 1 (July)</b>	
BSB105	The Future Enterprise
BSB108	Business Environment
Unit from other degree component	
Unit from other degree component	
<b>Year 1 Semester 2 (February)</b>	
BSB106	Dynamic Markets
AMB163	Introduction to Public Relations
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 1 (July)</b>	
BSB107	Financial Performance and Responsibility
AMB164	Media Relations and Publicity
Unit from other degree component	
Unit from other degree component	
<b>Year 2 Semester 2 (February)</b>	
AMB299	Marketing Communication

## Bachelor of Business/Bachelor of Engineering (Honours)

AMB201	Marketing and Audience Analytics
Unit from other degree component	
Unit from other degree component	
Year 3 Semester 1 (July)	
BSB250	Business Citizenship
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	
Year 3 Semester 2 (February)	
AMB374	Global Public Relations Cases
AMB373	Issues, Stakeholders and Reputation
Unit from other degree component	
Unit from other degree component	
Year 4 Semester 1 (July)	
BSB399	Real World Ready - Business Capstone
AMB375	Internal Communication and Change
Unit from other degree component	
Unit from other degree component	
Year 4 Semester 2 (February)	
AMB399	Capstone Experience
Select a Business Core Option Unit	
Unit from other degree component	
Unit from other degree component	



<b>Year</b>	2022
<b>QUT code</b>	SE05
<b>CRICOS</b>	0102144
<b>Duration (full-time)</b>	5 years
<b>ATAR/Selection rank</b>	70.00
<b>Offer Guarantee</b>	Yes
<b>Campus</b>	Gardens Point
<b>Domestic fee (indicative)</b>	2022: CSP \$8,100 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$35,800 per year full-time (96 credit points)
<b>Total credit points</b>	480
<b>Start months</b>	July, February
<b>Int. Start Months</b>	July, February
<b>Deferment</b>	You can defer your offer and postpone the start of your course for one year.
<b>Course Coordinator</b>	Dr Paul Donehue (Urban Development majors); Dr Graham Johnson (Science majors)
<b>Discipline Coordinator</b>	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

For this course you must complete a total of 480 credit points, made up of 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning) and 192 credit points from the Bachelor of Science (Environmental Science). You will study both science and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

Urban and Regional Planning component

Students are required to complete 288 credit points of study comprising:

- 72 credit points of core Urban Development units including a 12

credit point work placement unit and a 12 credit point research methods unit.

- 216 credit points of Urban and Regional Planning major discipline units including 24 credit points of capstone project.

Environmental Science Component

Students are required to complete 192 credit points of study comprising:

- 60 credit points of core Science units including one option unit (12cp) to be selected from a unit options list.
- 132 credit points of Environmental Science major discipline units.

## International Course structure

For this course you must complete a total of 480 credit points, made up of 288 credit points from the Bachelor of Urban Development (Honours) (Urban and Regional Planning) and 192 credit points from the Bachelor of Science (Environmental Science). You will study both science and urban development units in your first four years, and concentrate on urban development studies for the remainder of this course.

Urban and Regional Planning component

Students are required to complete 288 credit points of study comprising:

- 72 credit points of core Urban Development units including a 12 credit point work placement unit and a 12 credit point research methods unit
- 216 credit points of Urban and Regional Planning major discipline units including 24 credit points of capstone project.

Environmental Science Component

Students are required to complete 192 credit points of study comprising:

- 60 credit points of core Science units including one option unit (12cp) to be selected from a unit options list.
- 132 credit points of Environmental Science major discipline units.

## Sample Structure Semesters

- [Semester 1 \(February commencements\)](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)

## Bachelor of Urban Development (Honours) (Urban and Regional Planning)/Bachelor of Science (Environmental Science)

- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1, Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
UXB131	Planning and Design Practice
UXB132	Urban Analysis
<b>Year 1, Semester 2</b>	
Science: Core Unit Option	
Environmental Science Major Option Unit	
UXB133	Urban Studies
UXB134	Land Use Planning
<b>Year 2, Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
<b>Year 2, Semester 2</b>	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
<b>Year 3, Semester 1</b>	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
UXB231	Stakeholder Engagement
UXB233	Planning Law
<b>Year 3, Semester 2</b>	
BVB204	Ecology
EVB302	Environmental Pollution
UXB230	Site Planning
UXB234	Transport Planning
<b>Year 4, Semester 1</b>	
EVB312	Soils and the Environment
OR	
BVB311	Conservation Biology
USB300	Property Development
UXB330	Urban Design
UXH430	Planning Theory and Ethics
<b>Year 4, Semester 2</b>	
EVB304	Case Studies in Environmental Science
ERB310	Groundwater Systems

UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
<b>Year 5, Semester 1</b>	
EVB312	Soils and the Environment
OR (if EVB312 completed previously)	
BVB311	Conservation Biology
EFB231	Economics
UXH400-1	Project - Part A
UXH431	Urban Planning Practice
<b>Year 5, Semester 2</b>	
UXH331	Environmental Planning
UXH432	Community Planning
UXH433	Regional Planning
UXH400-2	Project - Part B

Year	2022
QUT code	SE40
CRICOS	084922G
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	84.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$5,700 per year full-time (96 credit points)
International fee (indicative)	2022: \$36,700 per year full-time (96 credit points)
Total credit points	480
Start months	February
Int. Start Months	February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Jacob Coetzee (Engineering); Professor Tim Moroney (Mathematics major)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours) in SE40, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Mathematics in SE40, students are required to complete 192 credit points of course units, as outlined below:

- 96 credit points (8 units) of Core units, which include 24 credit points (2 units) of Core Option units selected from an approved list.
- 96 credit points (8 units) of Major Core units

## International Course structure

To graduate with a Bachelor of Engineering (Honours) in SE40, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x Advanced major units 60cp.

To graduate with a Bachelor of Mathematics in SE40, students are required to complete 192 credit points of course units, as outlined below:

- 96 credit points (8 units) of Core units, which include 24 credit points (2 units) of Core Option units selected from an approved list.
- 96 credit points (8 units) of Major Core units

## Sample Structure Semesters

- [Applied and Computational Mathematics Major unit set:](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)

Code	Title
Applied and Computational Mathematics Major unit set:	
Year 1 Semester 1	
MXB102	Abstract Mathematical Reasoning
MXB106	Linear Algebra
Year 1 Semester 2	
MXB105	Calculus and Differential Equations
Maths Core Options Unit	
Please note: SE40 students will do MXB161 as part of their Engineering Maths units. Choose a unit from the list of Maths core options.	
Year 2 Semester 1	
MXB101	Probability and Stochastic Modelling 1

# Bachelor of Engineering (Honours)/Bachelor of Mathematics

Maths Core Options Unit	
Year 2 Semester 2	
MXB103	Introductory Computational Mathematics
MXB107	Introduction to Statistical Modelling
Year 3 Semester 1	
MXB201	Advanced Linear Algebra
MXB225	Modelling with Differential Equations 1
Year 3 Semester 2	
MXB202	Advanced Calculus
MXB226	Computational Methods 1
Year 4 Semester 1	
MXB322	Partial Differential Equations
MXB326	Computational Methods 2
Year 4 Semester 2	
MXB325	Modelling with Differential Equations 2
MXB328	Work Integrated Learning in Applied and Computational Mathematics

## Semesters

- [Operations Research Major unit set:](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)

Code	Title
Operations Research Major unit set:	
Year 1 Semester 1	
MXB102	Abstract Mathematical Reasoning
MXB106	Linear Algebra
Year 1 Semester 2	
MXB105	Calculus and Differential Equations
Please note: SE40 students will do MXB161 as part of their Engineering Maths units.	
Maths Core Options Unit	
Year 2 Semester 1	
MXB101	Probability and Stochastic Modelling 1
Maths Core Options Unit	
Year 2 Semester 2	
MXB103	Introductory Computational Mathematics
MXB107	Introduction to Statistical Modelling
Year 3 Semester 1	
MXB201	Advanced Linear Algebra
MXB232	Introduction to Operations

Research	
Year 3 Semester 2	
MXB202	Advanced Calculus
MXB241	Probability and Stochastic Modelling 2
Year 4 Semester 1	
MXB332	Optimisation Modelling
MXB341	Statistical Inference
Year 4 Semester 2	
MXB334	Operations Research for Stochastic Processes
MXB338	Work Integrated Learning in Operations Research

## Semesters

- [Statistical Science Major unit set:](#)
- [Year 1 Semester 1](#)
- [Year 1 Semester 2](#)
- [Year 2 Semester 1](#)
- [Year 2 Semester 2](#)
- [Year 3 Semester 1](#)
- [Year 3 Semester 2](#)
- [Year 4 Semester 1](#)
- [Year 4 Semester 2](#)

Code	Title
Statistical Science Major unit set:	
Year 1 Semester 1	
MXB102	Abstract Mathematical Reasoning
MXB106	Linear Algebra
Year 1 Semester 2	
MXB105	Calculus and Differential Equations
Please note: SE40 students will do MXB161 as part of their Engineering Maths units.	
Maths Core Options Unit	
Year 2 Semester 1	
MXB101	Probability and Stochastic Modelling 1
Maths Core Options Unit	
Year 2 Semester 2	
MXB103	Introductory Computational Mathematics
MXB107	Introduction to Statistical Modelling
Year 3 Semester 1	
MXB201	Advanced Linear Algebra
MXB242	Regression and Design
Year 3 Semester 2	
MXB202	Advanced Calculus
MXB241	Probability and Stochastic Modelling 2
Year 4 Semester 1	
MXB341	Statistical Inference
MXB344	Generalised Linear Models
Year 4 Semester 2	
MXB343	Modelling Dependent Data

MXB348	Work Integrated Learning in Statistics
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## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

## Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

## Bachelor of Engineering (Honours)/Bachelor of Mathematics

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
Year 4, Semester 1	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 1 - Semester 1](#)
- [Year 1 - Semester 2](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice
MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
Year 2 - Semester 1	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
Intermediate Electrical Option unit	
Year 4 - Semester 1	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
Year 4 - Semester 2	
CAB240	Information Security
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)

## Bachelor of Engineering (Honours)/Bachelor of Mathematics

- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 1</b>	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
<b>Year 4 - Semester 1</b>	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
<b>Year 4 - Semester 2</b>	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
<b>Year 5 - Semester 1</b>	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400 -2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)

- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
<b>Year 5 - Semester 2</b>	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical

	Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
<b>Year 5 - Semester 2</b>	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

### Semesters

- [Semester 1 \(February\) commencements](#)
- [Year 2 - Semester 1](#)
- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)

## Bachelor of Engineering (Honours)/Bachelor of Mathematics

- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
Year 4 - Semester 2	
EGH404	Research in Engineering Practice
LSB231	Physiology
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

Year	2022
QUT code	SE60
CRICOS	084923F
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$36,800 per year full-time (96 credit points)
Total credit points	480
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Jacob Coetzee (Engineering); Dr Wayne Kelly (Information Technology)
Discipline Coordinator	Dr Thomas Rainey (Chemical Process), Associate Professor Jonathan Bunker (Civil); Dr Matthew McKague (Computer & Software Systems); Dr Jacob Coetzee (Electrical); Dr Aaron McFadyen (Electrical & Aerospace); Dr Wim Dekkers/Professor Ted Steinberg (Mechanical); Associate Professor Luis Alvarez (Mechatronics); Associate Professor Devakar Epari (Medical); Dr Jinglan Zhang (Computer Science); and Dr Erwin Fieft (Information Systems) +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours) in SE60, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Information Technology in SE60, students are required to complete 192 credit points of course units, as outlined below:

- 72 credit points (6 units) of IT Core units, which includes unit from an approved options list.
- 120 credit points (10 units) of Major Core units

## International Course structure

To graduate with a Bachelor of Engineering (Honours) in SE60, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Information Technology in SE60, students are required to complete 192 credit points of course units, as outlined below:

- 72 credit points (6 units) of IT Core units, which includes unit from an approved options list.
- 120 credit points (10 units) of Major Core units

## Sample Structure

### Shared Units

EGB103 will be completed as part of the Engineering component and will contribute to completion requirements of both the Engineering and IT components of the double degree. A replacement unit to be selected from the IT Core Unit Options in the IT component will apply.

Code	Title
<b>First semester Feb/July entry</b>	
EGB101	Engineering Design and Professional Practice
MZB125	Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.
MZB125	Introductory Engineering Mathematics



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OR	
MXB161	Computational Explorations
EGB103	Computing and Data for Engineers
IFB102	Introduction to Computer Systems
Second semester Feb/July entry	
EGB102	Fundamentals of Engineering Science
IFB103	IT Systems Design
IFB105	Database Management
IFB240	Cyber Security
Note: From 2023 IFB240 will replace IT Core Unit Option. IFB240 will become core unit.	

## PLEASE NOTE:

For students taking the **IT: Computer Science major with Engineering: Computer & Software Systems major**, please refer to the Engineering & IT Units: Computer & Software Systems Major with Computer Science Major (Feb)/(July) structure.

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- [Semester 2 \(July\) commencing](#)
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- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Computer Science Major Unit Options](#)

Code	Title
Semester 1 (February) commencing	
Year 2, Semester 1	
For Engineering students majoring in: Civil, Mechanical, Medical or Process/Chemical Process major -	
IT Core Unit Option	
IT Core Unit Option	
For Engineering students majoring in: Electrical, Electrical & Aerospace or Mechatronics major -	
IT Core Unit Option	
CAB201	Programming Principles
Year 2, Semester 2	
For Engineering students majoring in: Civil, Mechanical, Medical or Process/Chemical Process major -	
CAB201	Programming Principles

CAB202	Microprocessors and Digital Systems
(Note: Select CAB202 from the Computer Science Major Option list - this is compulsory in the IT component if majoring in these engineering majors.)	
For Engineering students majoring in: Electrical, Electrical & Aerospace or Mechatronics major -	
IT Core Unit Option	
Computer Science Major Unit Option 1	
(Note: CAB202 will be available as core in the engineering component if majoring in these engineering majors.)	
Year 3, Semester 1	
CAB203	Discrete Structures
CAB302	Software Development
Year 3, Semester 2	
CAB303	Networks
IFB295	IT Project Management
Year 4, Semester 1	
CAB301	Algorithms and Complexity
IFB398	Capstone Project (Phase 1)
Year 4, Semester 2	
IFB399	Capstone Project (Phase 2)
Computer Science Major Unit Option 2	
Semester 2 (July) commencing	
Year 2, Semester 2	
CAB201	Programming Principles
IT Core Option	
Year 3, Semester 1	
CAB203	Discrete Structures
For Engineering students majoring in: Civil, Mechanical, Medical or Process/Chemical Process major -	
CAB202	Microprocessors and Digital Systems
For Engineering students majoring in: Electrical, Electrical & Aerospace or Mechatronics major -	
Computer Science Major Unit Option 1	
Year 3, Semester 2	
CAB303	Networks
IFB295	IT Project Management
Year 4, Semester 1	
CAB301	Algorithms and Complexity
CAB302	Software Development
Year 4, Semester 2	
IFB398	Capstone Project (Phase 1)
IT Core Unit Option	
OR	
Computer Science Major Unit Option 2	
Year 5, Semester 1	
IFB399	Capstone Project (Phase 2)
Computer Science Major Unit Option 2	
OR	

IT Core Unit Option	
(Select IT Core Unit Option here, if not selected previously.)	
Computer Science Major Unit Options	
CAB202	Microprocessors and Digital Systems
(CAB202 is CORE unless your Engineering major is in Computer & Software Systems, Electrical, Electrical & Aerospace or Mechatronics in which you will complete CAB202 in your Engineering component.)	
CAB220	Fundamentals of Data Science
CAB320	Artificial Intelligence
CAB340	Cryptography
CAB401	High Performance and Parallel Computing
CAB402	Programming Paradigms
CAB403	Systems Programming
CAB420	Machine Learning
CAB430	Data and Information Integration
CAB432	Cloud Computing
CAB440	Network and Systems Administration

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- [Year 5, Semester 1](#)

Code	Title
Semester 1 (February) commencing	
Year 2, Semester 1	
IT Core Unit Option	
IT Core Unit Option	
Year 2, Semester 2	
IAB201	Modelling Techniques for Information Systems
IAB207	Rapid Web Application Development
Year 3, Semester 1	
IAB203	Business Process Modelling
IAB204	Business Requirements Analysis
Year 3, Semester 2	
IAB305	Information Systems Lifecycle Management

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IFB295	IT Project Management
Year 4, Semester 1	
IFB398	Capstone Project (Phase 1)
Select one of:	
IAB206	Modern Data Management
IAB260	Social Technologies
IAB303	Data Analytics for Business Insight
IAB320	Business Process Improvement
IAB402	Information Systems Consulting
Year 4, Semester 2	
IAB401	Enterprise Architecture
IFB399	Capstone Project (Phase 2)
Semester 2 (July) commencements	
Year 2, Semester 2	
IAB201	Modelling Techniques for Information Systems
IT Core Unit Option	
Year 3, Semester 1	
IAB204	Business Requirements Analysis
IAB207	Rapid Web Application Development
Year 3, Semester 2	
IAB305	Information Systems Lifecycle Management
IT Core Unit Option	
Year 4, Semester 1	
IAB203	Business Process Modelling
IFB295	IT Project Management
Year 4, Semester 2	
IAB401	Enterprise Architecture
IFB398	Capstone Project (Phase 1)
Year 5, Semester 1	
IFB399	Capstone Project (Phase 2)
Select ONE of:	
IAB206	Modern Data Management
IAB260	Social Technologies
IAB303	Data Analytics for Business Insight
IAB320	Business Process Improvement
IAB402	Information Systems Consulting

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- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	

EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
Year 4, Semester 1	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
CAB201	Programming Principles
IT Core Option Unit	
Year 2 - Semester 2	
CAB240	Information Security
MZB221	Electrical Engineering Mathematics

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CAB202	Microprocessors and Digital Systems
IT Core Option Unit	
Year 3 - Semester 1	
EGB240	Electronic Design
EGB242	Signal Analysis
CAB203	Discrete Structures
CAB302	Software Development
Year 3 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical Option unit	
CAB303	Networks
IFB295	IT Project Management
Year 4 - Semester 1	
CSS Unit Option	
CAB301	Algorithms and Complexity
IFB398	Capstone Project (Phase 1)
Computer Science Unit Option	
Year 4 - Semester 2	
EGH404	Research in Engineering Practice
CAB401	High Performance and Parallel Computing
IFB399	Capstone Project (Phase 2)
Intermediate Software and Intermediate Electrical Unit Option	
Year 5 - Semester 1	
EGH400 -1	Research Project 1
EGH456	Embedded Systems
CSS Unit Option	
Advanced Electrical Unit Option	
Year 5 - Semester 2	
CAB432	Cloud Computing
EGH400 -2	Research Project 2
EGH455	Advanced Systems Design
Advanced CSS and Advanced Electrical Unit Option	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB101	Engineering Design and Professional Practice

MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.	
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
Year 2 - Semester 1	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
Intermediate Electrical Option unit	
Year 4 - Semester 1	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
Year 4 - Semester 2	
CAB240	Information Security
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
EGH400 -1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB201	Programming Principles
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
Intermediate Software Option Unit	
For students with Computer Science Major: CAB301 and CAB302 are core to the Computer Science Major. Please contact Science and Engineering Faculty to be provided a list of additional units you can select from.	
Year 4 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical or Software Option Unit	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGH400 -1	Research Project 1
Advanced Electrical or Software Option Unit	
EGH456	Embedded Systems
Year 5 - Semester 2	

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EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Electrical Option Unit	
Advanced Software Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
Year 3 - Semester 1	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
Year 4 - Semester 1	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	

## Advanced Electrical Option Unit (5)

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

## Semesters

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## • [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
<b>Year 5 - Semester 2</b>	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	

## Advanced Electrical Option Unit

## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH400	Research Project 2

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-2	
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGH404	Research in Engineering Practice
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

## Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
LSB231	Physiology
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for

	Medical Engineers
EGH418	Biomechanics

## Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
<b>Year 3 - Semester 2</b>	
EGB263	Process Systems
EGB264	Engineering Chemistry
<b>Year 4 - Semester 1</b>	
EGB261	Unit Operations
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB364	Process Modelling
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
<b>Year 6 - Semester 1</b>	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

## Semesters

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- [Year 3 - Semester 2](#)
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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems

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EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
<b>Year 4 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
<b>Year 6 - Semester 1</b>	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

## PLEASE NOTE:

This structure is ONLY for the combination of Engineering Computer & Software Systems and IT Computer Science Majors.

## Semesters

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- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)
- [Year 6, Semester 1](#)

Code	Title
<b>Year 2, Semester 2</b>	
MZB127	Engineering Mathematics and Statistics
EGB120	Foundations of Electrical

Code	Title
<b>Engineering</b>	
CAB201	Programming Principles
IT Core Option Unit	
<b>Year 3, Semester 1</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
CAB202	Microprocessors and Digital Systems
IT Core Option Unit	
<b>Year 3, Semester 2</b>	
CAB403	Systems Programming
CAB240	Information Security
CAB303	Networks
Intermediate Electrical Option Unit	
<b>Year 4, Semester 1</b>	
EGB240	Electronic Design
CAB203	Discrete Structures
CAB301	Algorithms and Complexity
IFB295	IT Project Management
<b>Year 4, Semester 2</b>	
CAB401	High Performance and Parallel Computing
Software Option Unit	
Intermediate Software Option Unit or Intermediate Electrical Option Unit	
IFB398	Capstone Project (Phase 1)
<b>Year 5, Semester 1</b>	
EGH404	Research in Engineering Practice
CAB302	Software Development
IFB399	Capstone Project (Phase 2)
Computer Science Option Unit	
<b>Year 5, Semester 2</b>	
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Electrical Option Unit	
<b>Year 6, Semester 1</b>	
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Software Option Unit or Advanced Electrical Option Unit	
Software Option Unit	

## Semesters

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Code	Title
<b>Year 2 - Semester 2</b>	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
CAB240	Information Security
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
<b>Year 4 - Semester 2</b>	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

## Semesters

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- [Year 4 - Semester 2](#)
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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital

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	Systems
Year 3 - Semester 2	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
Year 4 - Semester 1	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
Year 4 - Semester 2	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
Year 5 - Semester 1	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
Year 6 - Semester 1	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

## Semesters

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Code	Title
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
Year 3 - Semester 2	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
Year 4 - Semester 2	
EGB346	Unmanned Aircraft Systems

EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
Year 5 - Semester 2	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
Year 6 - Semester 1	
EGH408	Research Project
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	

## Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer

EGH423	Fluid Dynamics
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

## Semesters

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
Year 4 - Semester 2	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control



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EGH414	Stress Analysis
Advanced Electrical Option Unit	

### Semesters

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
<b>Year 6 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

Year	2022
QUT code	SE80
CRICOS	084924E
Duration (full-time)	5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	78.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$7,300 per year full-time (96 credit points)
International fee (indicative)	2022: \$38,700 per year full-time (96 credit points)
Total credit points	480
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Jacob Coetzee (Engineering); Dr Graham Johnson (Science)
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme>](#)

## Domestic 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, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Bachelor of Engineering (Honours) in SE80, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Science in SE80, students are required to complete

192 credit points of course units, as outlined below:

- 5 units (60 credit points) of science core units, which includes 1 unit (12 credit points) of option units selected from an approved list.
- 11 units (132 credit points) of Major core units.

## International Course structure

To graduate with a Bachelor of Engineering (Honours) in SE80, students are required to complete 288 credit points of course units, as outlined below:

- First year: four (4) core units 48cp + two (2) discipline foundation units 24cp + two (2) option units 24cp (96 credit points)
- Major: one (1) block of eight (8) major units 96cp plus eight (8) honours-level units 96cp (192 credit points).

Honours units to consist of:

- Research methods 12cp
- Project 24cp
- 5 x advanced major units 60cp.

To graduate with a Bachelor of Science in SE80, students are required to complete 192 credit points of course units, as outlined below:

- 5 units (60 credit points) of science core units, which includes 1 unit (12 credit points) of option units selected from an approved list.
- 11 units (132 credit points) of Major core units.

## Sample Structure Semesters

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Code	Title
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB104	Grand Challenges in Science

## Bachelor of Engineering (Honours)/Bachelor of Science

SEB113	Quantitative Methods in Science
<b>Year 1 Semester 2</b>	
Science Core Unit Option	
Science Major Unit Option	
<b>Year 2 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2 Semester 2</b>	
BVB101	Foundations of Biology
BVB102	Evolution
<b>Year 3 Semester 1</b>	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
<b>Year 3 Semester 2</b>	
BVB201	Biological Processes
BVB204	Ecology
<b>Year 4 Semester 1</b>	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
<b>Year 4 Semester 2</b>	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 2, Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2, Semester 2</b>	
BVB101	Foundations of Biology
BVB102	Evolution
<b>Year 3, Semester 1</b>	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
<b>Year 3, Semester 2</b>	
BVB201	Biological Processes
BVB204	Ecology
<b>Year 4, Semester 1</b>	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
<b>Year 4, Semester 2</b>	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
<b>Year 5, Semester 1</b>	
Science Core Unit Option	
Science Major Unit Option	

### Semesters

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 1 Semester 2</b>	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
<b>Year 2 Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 2 Semester 2</b>	
CVB210	Chemical Measurement Science
Science Core Unit Option	
<b>Year 3 Semester 1</b>	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
<b>Year 3 Semester 2</b>	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
<b>Year 4 Semester 1</b>	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
<b>Year 4 Semester 2</b>	
CVB303	Coordination Chemistry
CVB304	Chemistry Research Project
<b>Semester 2 (July) commencements</b>	
<b>Year 1, Semester 2</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science

<b>Year 2, Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2, Semester 2</b>	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
<b>Year 3, Semester 1</b>	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
<b>Year 3, Semester 2</b>	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
<b>Year 4, Semester 1</b>	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
<b>Year 4, Semester 2</b>	
CVB210	Chemical Measurement Science
CVB303	Coordination Chemistry
<b>Year 5, Semester 1</b>	
CVB304	Chemistry Research Project
Science Core Unit Option	

### Semesters

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- [Year 3, Semester 2](#)
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- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 Semester 1</b>	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
<b>Year 1 Semester 2</b>	
Science Core Unit Option	
Science Major Unit Option	
<b>Year 2 Semester 1</b>	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
<b>Year 2 Semester 2</b>	

## Bachelor of Engineering (Honours)/Bachelor of Science

ERB101	Earth Systems
ERB102	Evolving Earth
Year 3 Semester 1	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine and Atmospheric Systems
Year 3 Semester 2	
ERB203	Sedimentary Geology and Stratigraphy
ERB204	Deforming Earth: Fundamentals of Structural Geology
Year 4 Semester 1	
ERB301	Chemical Earth
ERB302	Applied Geophysics
Year 4 Semester 2	
ERB303	Energy Resources and Basin Analysis
ERB304	Dynamic Earth: Plate Tectonics
Semester 2 (July) commencements	
Year 1, Semester 2	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2, Semester 2	
ERB101	Earth Systems
ERB102	Evolving Earth
Year 3, Semester 1	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine and Atmospheric Systems
Year 3, Semester 2	
ERB203	Sedimentary Geology and Stratigraphy
ERB204	Deforming Earth: Fundamentals of Structural Geology
Year 4, Semester 1	
ERB301	Chemical Earth
ERB302	Applied Geophysics
Year 4, Semester 2	
ERB303	Energy Resources and Basin Analysis
ERB304	Dynamic Earth: Plate Tectonics
Year 5, Semester 1	
Science Core Unit Option	
Science Major Unit Option	

### Semesters

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Code	Title
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 1 Semester 2	
Science Core Unit Option	
Science Major Unit Option	
Year 2 Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2 Semester 2	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
Year 3 Semester 1	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
Year 3 Semester 2	
BVB204	Ecology
EVB302	Environmental Pollution
Year 4 Semester 1	
BVB311	Conservation Biology
EVB312	Soils and the Environment
Year 4 Semester 2	
ERB310	Groundwater Systems
EVB304	Case Studies in Environmental Science
Semester 2 (July) commencements	
Year 1, Semester 2	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2

Year 2, Semester 2	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
Year 3, Semester 1	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
Year 3, Semester 2	
BVB204	Ecology
EVB302	Environmental Pollution
Year 4, Semester 1	
BVB311	Conservation Biology
EVB312	Soils and the Environment
Year 4, Semester 2	
ERB310	Groundwater Systems
EVB304	Case Studies in Environmental Science
Year 5, Semester 1	
Science Core Unit Option	
Science Major Unit Option	

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- [Year 5, Semester 1](#)

Code	Title
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB113	Quantitative Methods in Science
SEB115	Experimental Science 1
Year 1 Semester 2	
PVB102	Physics of the Very Small
SEB104	Grand Challenges in Science
Year 2 Semester 1	
PVB203	Experimental Physics
SEB116	Experimental Science 2
Year 2 Semester 2	
PVB200	Computational and

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	Mathematical Physics
Science Core Unit Option	
Year 3 Semester 1	
PQB360	Introduction to Climate Change
PVB210	Stellar Astrophysics
Year 3 Semester 2	
PVB204	Electromagnetism
PVB220	Cosmology
Year 4 Semester 1	
PVB301	Materials and Thermal Physics
PVB302	Classical and Quantum Physics
Year 4 Semester 2	
PVB303	Nuclear and Particle Physics
PVB304	Physics Research
Semester 2 (July) commencements	
Year 1, Semester 2	
PVB102	Physics of the Very Small
SEB104	Grand Challenges in Science
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2, Semester 2	
PVB200	Computational and Mathematical Physics
SEB113	Quantitative Methods in Science
Year 3, Semester 1	
PVB203	Experimental Physics
PVB210	Stellar Astrophysics
Year 3, Semester 2	
PVB204	Electromagnetism
PVB220	Cosmology
Year 4, Semester 1	
PVB301	Materials and Thermal Physics
PVB302	Classical and Quantum Physics
Year 4, Semester 2	
PVB303	Nuclear and Particle Physics
PVB304	Physics Research
Year 5, Semester 1	
PQB360	Introduction to Climate Change
Science Core Unit Option	

## Semesters

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- [Year 4 - Semester 2](#)

- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4, Semester 1	
EGH404	Research in Engineering Practice
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGB364	Process Modelling
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH408	Research Project
EGH463	Process Design
Year 5 - Semester 2	
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH411	Sustainable Chemical Engineering in Practice
EGH462	Process Control

## Semesters

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics

Code	Title
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB361	Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Sustainable Chemical Engineering in Practice
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control

## Semesters

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics

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MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
<b>Year 3 - Semester 1</b>	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
<b>Year 3 - Semester 2</b>	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
<b>Year 4, Semester 1</b>	
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
<b>Year 4 - Semester 2</b>	
EGB376	Steel Design
EGH471	Advanced Water Engineering
<b>Year 5 - Semester 1</b>	
EGB375	Design of Concrete Structures
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH473	Advanced Geotechnical Engineering
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB101	Engineering Design and Professional Practice

MZB125 Introductory Engineering Mathematics OR MXB161 Computational Explorations. If you have obtained Sound Achievement (or higher) in Mathematical Methods and Specialist Mathematics, you must choose MXB161 Computational Explorations.

MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB102	Fundamentals of Engineering Science
EGB103	Computing and Data for Engineers
<b>Year 2 - Semester 1</b>	
CAB201	Programming Principles
EGB120	Foundations of Electrical Engineering
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
Intermediate Electrical Option unit	
<b>Year 4 - Semester 1</b>	
CAB301	Algorithms and Complexity
EGB240	Electronic Design
<b>Year 4 - Semester 2</b>	
CAB240	Information Security
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 1</b>	
CAB302	Software Development
EGH400-1	Research Project 1
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

### Semesters

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- [Year 5 - Semester 1](#)
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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
CAB202	Microprocessors and Digital Systems
EGB120	Foundations of Electrical Engineering
<b>Year 3 - Semester 1</b>	
EGB240	Electronic Design
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
Intermediate Electrical Option Unit (1)	
EGB348 can be selected from the list. A requisite waiver for this unit will be granted if you are enrolled in EGB242 at the same time.	
<b>Year 4 - Semester 1</b>	
EGB340	Design and Practice
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (2)	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
Advanced Electrical Option Unit (1)	
Advanced Electrical Option Unit (2)	
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB121	Engineering Mechanics
CAB202	Microprocessors and Digital Systems
Year 3 - Semester 1	
MZB221	Electrical Engineering Mathematics
EGB240	Electronic Design
Year 3 - Semester 2	
EGB242	Signal Analysis
Intermediate Electrical and Aerospace Option Unit	
Year 4 - Semester 1	
EGB243	Aircraft Systems and Flight
EGB349	Systems Engineering and Design Project
Year 4 - Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Year 5 - Semester 1	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH445	Modern Control
Advanced Electrical and Aerospace Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH450	Advanced Unmanned Aircraft Systems
EGH446	Autonomous Systems
Advanced Electrical and Aerospace Option Unit	

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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	

EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and

Professional Practice	
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
Year 4 - Semester 1	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB322	Thermodynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB316	Design of Machine Elements
EGH400 -1	Research Project 1
EGH414	Stress Analysis
EGH421	Vibration and Control
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics

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- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
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Code	Title
Semester 1 (February) commencements	
Year 2 - Semester 1	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering

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MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 1</b>	
EGB242	Signal Analysis
Materials Strand unit (EGB214) OR CAB202	
EGB214	Materials and Manufacturing
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB345	Control and Dynamic Systems
Dynamics Strand unit (EGB211) or CAB202	
EGB211	Dynamics
OR	
CAB202	Microprocessors and Digital Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Dynamics Strand unit (EGB321) OR Materials Strand unit (EGB314)	
EGB321	Dynamics of Machines
OR	
EGB314	Solid Mechanics
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Unit Option	
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
Materials Strand unit (EGH414) OR Advanced Electrical Unit Option	
EGH414	Stress Analysis
OR	
Advanced Electrical Option Unit	
<b>Year 5 - Semester 2</b>	
EGH408	Research Project
EGH446	Autonomous Systems
Dynamics Strand unit (EGH413) OR Advanced Electrical Unit Option	
EGH413	Advanced Dynamics
OR	
Advanced Electrical Option Unit	

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- [Year 5 - Semester 1](#)
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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
<b>Year 1 - Semester 2</b>	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
<b>Year 2 - Semester 1</b>	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
EGB345	Control and Dynamic Systems
<b>Year 4 - Semester 1</b>	
EGB220	Mechatronics Design 1
Intermediate Mechanical Option Unit	
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
Intermediate Electrical Option Unit	
<b>Year 5 - Semester 1</b>	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

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Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 2 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB125	Design for Manufacture
<b>Year 3 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGH404	Research in Engineering Practice
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
<b>Year 5 - Semester 2</b>	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

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- [Year 5 - Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>Year 1 - Semester 1</b>	



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EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
EGB100	Engineering Sustainability and Professional Practice
MZB126	Engineering Computation
Year 2 - Semester 1	
EGB111	Foundation of Engineering Design
EGB121	Engineering Mechanics
Year 2 - Semester 2	
EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB314	Solid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 3 - Semester 2	
EGB211	Dynamics
LSB231	Physiology
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB319	Medical Device Design
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH438	Biomaterials
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
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Code	Title
Year 2 - Semester 2	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB160	Process Principles
EGB161	Foundations of Engineering Chemistry
Year 3 - Semester 2	
EGB263	Process Systems
EGB264	Engineering Chemistry
Year 4 - Semester 1	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB364	Process Modelling
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB361	Minerals Processing
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH411	Sustainable Chemical Engineering in Practice
EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGB362	Operations Management and Process Economics
EGH408	Research Project
EGH463	Process Design

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- [Year 5 - Semester 2](#)
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Code	Title
Year 2 - Semester 2	
EGB123	Civil Engineering Systems
EGB124	Engineering for the Environment
Year 3 - Semester 1	
MZB127	Engineering Mathematics and Statistics
EGB272	Traffic and Transport Engineering
Year 3 - Semester 2	
EGB121	Engineering Mechanics
EGB273	Principles of Construction
Year 4 - Semester 1	

EGB270	Civil Engineering Materials
EGB371	Engineering Hydraulics
Year 4 - Semester 2	
EGB275	Structural Mechanics
EGB373	Geotechnical Engineering
Year 5 - Semester 1	
EGB375	Design of Concrete Structures
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH479	Advances in Civil Engineering Practice
One Advanced Civil Unit from	
EGH475	Advanced Concrete Structures
OR	
EGH476	Advanced Water and Wastewater Engineering
Year 6 - Semester 1	
EGB376	Steel Design
EGH408	Research Project
EGH473	Advanced Geotechnical Engineering

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- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
Year 2 - Semester 2	
CAB201	Programming Principles
MZB127	Engineering Mathematics and Statistics
Year 3 - Semester 1	
EGB120	Foundations of Electrical Engineering
MZB221	Electrical Engineering Mathematics
Year 3 - Semester 2	
CAB240	Information Security
EGB242	Signal Analysis
Year 4 - Semester 1	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
Year 5 - Semester 1	

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EGB240	Electronic Design
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
CAB432	Cloud Computing
EGH400-1	Research Project 1
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
<b>Year 6 - Semester 1</b>	
CAB302	Software Development
EGH400-2	Research Project 2
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	

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- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB120	Foundations of Electrical Engineering
CAB202	Microprocessors and Digital Systems
<b>Year 3 - Semester 2</b>	
EGB242	Signal Analysis
MZB221	Electrical Engineering Mathematics
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
<b>Year 4 - Semester 2</b>	
EGB341	Energy Supply and Delivery
Intermediate Electrical Option Unit (1)	
<b>Year 5 - Semester 1</b>	
EGB340	Design and Practice
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
Intermediate Electrical Option Unit (2)	
Advanced Electrical Option Unit (1)	

Advanced Electrical Option Unit (2)	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
Advanced Electrical Option Unit (3)	
Advanced Electrical Option Unit (4)	
Advanced Electrical Option Unit (5)	

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
CAB202	Microprocessors and Digital Systems
EGB121	Engineering Mechanics
<b>Year 3 - Semester 2</b>	
MZB221	Electrical Engineering Mathematics
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB240	Electronic Design
EGB243	Aircraft Systems and Flight
<b>Year 4 - Semester 2</b>	
EGB346	Unmanned Aircraft Systems
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGB349	Systems Engineering and Design Project
EGH445	Modern Control
<b>Year 5 - Semester 2</b>	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
Intermediate Electrical and Aerospace Unit Option	
<b>Year 6 - Semester 1</b>	
EGH408	Research Project
Advanced Electrical and Aerospace Unit Option	
Advanced Electrical and Aerospace Unit Option	

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB321	Dynamics of Machines
EGB323	Fluid Mechanics
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
EGB322	Thermodynamics
<b>Year 5 - Semester 1</b>	
EGB316	Design of Machine Elements
EGH404	Research in Engineering Practice
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
EGH423	Fluid Dynamics
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGB214	Materials and Manufacturing
EGH414	Stress Analysis
EGH421	Vibration and Control

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering

## Bachelor of Engineering (Honours)/Bachelor of Science

MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB121	Engineering Mechanics
MZB221	Electrical Engineering Mathematics
<b>Year 3 - Semester 2</b>	
EGB211	Dynamics
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
<b>Year 4 - Semester 1</b>	
EGB214	Materials and Manufacturing
CAB202	Microprocessors and Digital Systems
EGB220	Mechatronics Design 1
<b>Year 4 - Semester 2</b>	
EGB320	Mechatronics Design 2
EGB345	Control and Dynamic Systems
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGB321	Dynamics of Machines
EGB314	Solid Mechanics
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH446	Autonomous Systems
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	
Intermediate Electrical Option Unit	
<b>Year 6 - Semester 1</b>	
EGH400-2	Research Project 2
EGH419	Mechatronics Design 3
EGH445	Modern Control
EGH414	Stress Analysis
Advanced Electrical Option Unit	

EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics
<b>Year 4 - Semester 1</b>	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
<b>Year 4 - Semester 2</b>	
EGB120	Foundations of Electrical Engineering
LSB231	Physiology
<b>Year 5 - Semester 1</b>	
EGH404	Research in Engineering Practice
EGH414	Stress Analysis
<b>Year 5 - Semester 2</b>	
EGH400-1	Research Project 1
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
<b>Year 6 - Semester 1</b>	
EGB214	Materials and Manufacturing
EGB319	Medical Device Design
EGH400-2	Research Project 2
EGH438	Biomaterials

### Semesters

- [Year 2 - Semester 2](#)
- [Year 3 - Semester 1](#)
- [Year 3 - Semester 2](#)
- [Year 4 - Semester 1](#)
- [Year 4 - Semester 2](#)
- [Year 5 - Semester 1](#)
- [Year 5 - Semester 2](#)
- [Year 6 - Semester 1](#)

Code	Title
<b>Year 2 - Semester 2</b>	
EGB121	Engineering Mechanics
MZB127	Engineering Mathematics and Statistics
<b>Year 3 - Semester 1</b>	
EGB125	Design for Manufacture
EGB314	Solid Mechanics
<b>Year 3 - Semester 2</b>	

Year	2022
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$9,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Dr Paul Donehue

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Overview

This program has been designed to provide you with a real life exposure to a range of urban development disciplines to understand how your chosen course helps to prepare you for a rewarding career in the built environment. You have the opportunity to collaborate with your peers and teaching staff at QUT and to learn in exciting new learning environments. Throughout the course you will experience a range of site visits and fieldwork that will link the theory in lectures to everyday situations in your chosen field of study. You will learn about a range of career opportunities and professional outcomes that will enable you to optimise your experience and potential career. Your major will provide you with in depth knowledge and expertise in an urban development discipline. You will also have the opportunity to undertake a second major or two minors in an area that will broaden your urban development experience and/or complement your first major.

## Course Design

Your QUT Bachelor of Urban Development (Honours) degree consists of 384 credit points (32 units) arranged as follows:

- (a) 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- (b) 216 credit points (18 units) comprising one (1) major from the following:
- Construction Management
  - Quantity Surveying and Cost Engineering
  - Urban and Regional Planning

(c)

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs

## Domestic Course structure Course Design

Your QUT Bachelor of Urban Development (Honours) degree consists of 384 credit points (32 units) arranged as follows:

- (a) 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- (b) 216 credit points (18 units) comprising one (1) major from the following:
- Construction Management
  - Quantity Surveying and Cost Engineering
  - Urban and Regional Planning
- (c) 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each) from the options specified for your chosen major.

## International Course structure Course Design

Your QUT Bachelor of Urban Development (Honours) degree consists of 384 credit points (32 units) arranged as follows:

- (a) 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- (b) 216 credit points (18 units) comprising one (1) major from the following:
- Construction Management
  - Quantity Surveying and Cost Engineering
  - Urban and Regional Planning
- (c) 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each) from the options specified for your chosen major.

Year	2022
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$9,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Paul Donehue
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Overview

The QUT Bachelor of Urban Development (Honours) degree with a primary major (Study Area A) in Construction Management is designed to provide you with 'real-life' exposure, and the knowledge and skills to prepare you for rewarding career the Construction, Development and associated industries. With the capacity, will and innovation to contribute to a better built environment, as a work-ready graduate, you will be able to apply sound judgement and expertise in practice managing complex built environments.

## Course Design

Your QUT Bachelor of Urban Development (Honours) (Construction Management) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- 216 credit points (18 units) of Construction Management discipline units
- 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

### Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

### Construction Management Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher order thinking to an advanced level.

### Complementary Studies Options

#### Second Major:

A choice of one second major from:

#### Urban Development disciplines:

- Urban and Regional Planning Studies
- Property
- Accountancy
- Applied Economics and Finance

(additional second major choices are currently under development)

#### Minors:

A choice of two minors from the lists

below:

## Urban Development disciplines:

- Urban and Regional Planning Studies
- Property Development
- Property Investment and Finance
- Property Valuation

## Other disciplines:

- Language Minors – University Wide Options
- [University Wide Minors](#)

## Special Course Requirements

You are required to obtain a minimum of 80 days of approved construction management industrial experience as part of your Work Integrated Learning core unit.

## Professional Recognition

Graduates are eligible for membership of the Australian Institute of Building (AIB)

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs

## Domestic Course structure

Your QUT Bachelor of Urban Development (Honours) (Construction Management) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning
- 216 credit points (18 units) of construction management discipline units
- 96 credit points of complementary studies comprising of either a second major (8 unit set) or two minors (4 unit set each).

## Urban development core units

These units will engage you in understanding urban development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Construction management major discipline units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary studies options

Complementary studies may be taken as a second major of 96 credit points or two minors of 48 credit points each. Experiential minors in work integrated learning as well as student exchange are also available.

## Second majors

A second major provides the opportunity for you to undertake significant studies in a second urban development discipline such as Property Economics, Urban and Regional Planning, Architectural Studies, Accountancy or Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary non-discipline skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

## Pathways to further study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant masters and/or doctoral level programs.

## International Course structure

Your QUT Bachelor of Urban Development (Honours) (Construction Management) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of urban development core units, which includes a

Professional Practice unit that requires completion of workplace learning

- 216 credit points (18 units) of construction management discipline units
- 96 credit points of complementary studies comprising of either a second major (8 unit set) or two minors (4 unit set each).

## Urban development core units

These units will engage you in understanding urban development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Construction management major discipline units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher order thinking to an advanced level.

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Complementary studies may be taken as a second major of 96 credit points or two minors of 48 credit points each. Experiential minors in work integrated learning as well as student exchange are also available.

## Second majors

A second major provides the opportunity for you to undertake significant studies in a second urban development discipline such as Property Economics, Urban and Regional Planning, Architectural Studies, Accountancy or Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in

## Bachelor of Urban Development (Honours) (Construction Management)

the employment marketplace with complementary non-discipline skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

### Pathways to further study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant masters and/or doctoral level programs.

### Sample Structure

#### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
EFB231	Economics
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
UXB115	Introduction to Modern Construction Business
<b>Year 1, Semester 2</b>	
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
UXB113	Measurement for Construction
UXB114	Integrated Construction
<b>Year 2, Semester 1</b>	
UXB210	Commercial Construction
UXB211	Building Services
UXB213	Advanced Measurement for Construction
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
LWS012	Urban Development Law
UXB212	Design for Structures
UXH315	Construction Estimating
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
USB300	Property Development
UXH310	High-rise Construction
UXH311	Contract Administration
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH312	Construction Legislation

2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$9,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Paul Donehue
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

## Domestic 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## International Assumed knowledge

- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Overview

The QUT Bachelor of Urban Development (Honours) degree with a primary major (Study Area A) in Quantity Surveying and Cost Engineering is designed to provide you with 'real-life' exposure, and the knowledge and skills to prepare you for rewarding career the Construction, Resources and associated industries. With the capacity, will and innovation to contribute to a better built environment, as a work-ready graduate, you will be able to apply sound judgement and expertise in practice within your chosen field.

## Course Design

Your QUT Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace learning.
- 216 credit points (18 units) of Quantity Surveying and Cost Engineering discipline units
- 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

### Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

### Quantity Surveying and Cost Engineering Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher order thinking to an advanced level.

### Complementary Studies Options

#### Second Major:

A choice of one second major from:

#### Urban Development disciplines:

- Urban and Regional Planning Studies
- Property
- Accountancy
- Applied Economics and Finance

(additional second major choices are currently under development)

#### Minors:



# Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering)

A choice of two minors from the lists below:

## Urban Development disciplines:

- Urban and Regional Planning Studies
- Property Development
- Property Investment and Finance
- Property Valuation

## Other disciplines:

- Language Minors – University Wide Options
- [University Wide Minors](#)

## Special Course Requirements

You are required to obtain a minimum of 80 days of approved quantity surveying and cost engineering industrial experience as part of your Work Integrated Learning core unit.

## Professional Recognition

Graduates are eligible for membership of the Australian Institute of Quantity Surveyors (AIQS), the Royal Institution of Chartered Surveyors (RICS) and Board of Quantity Surveyors Malaysia (BQSM).

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs

## Domestic Course structure

Your QUT Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning
- 216 credit points (18 units) of quantity surveying and cost engineering discipline units
- 96 credit points of complementary studies comprising of either a second major (8 unit set) or two minors (4 unit set each).

## Urban development core units

These units will engage you in understanding urban development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific

units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Quantity surveying and cost engineering major discipline units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary studies options

Complementary studies may be taken as a second major of 96 credit points or two minors of 48 credit points each. Experiential minors in work integrated learning as well as student exchange are also available.

## Second majors

A second major provides the opportunity for you to undertake significant studies in a second Urban Development discipline such as Property Economics, Urban and Regional Planning, Architectural Studies, Accountancy or Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary non-discipline skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

## Pathways to further study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant masters and/or doctoral level programs.

## International Course structure

Your QUT Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering) degree

consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of Urban Development Core units, which includes a Professional Practice unit that requires completion of workplace learning.
- 216 credit points (18 units) of Quantity Surveying and Cost Engineering discipline units
- 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

## Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Quantity Surveying and Cost Engineering Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary Studies Options

Complementary studies may be taken as a Second Major of 96 credit points or two Minors of 48 credit points each. Experiential minors in Work Integrated Learning as well as student exchange are also available.

## Second Majors

A second major provides the opportunity for you to undertake significant studies in a second Urban Development discipline such as Property Economics, Urban and Regional Planning, Architectural Studies, Accountancy or Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are

## Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering)

designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary 'non-discipline' skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

### Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs.

### Sample Structure Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
EFB231	Economics
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
UXB115	Introduction to Modern Construction Business
<b>Year 1, Semester 2</b>	
UXB113	Measurement for Construction
UXB114	Integrated Construction
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
<b>Year 2, Semester 1</b>	
UXB210	Commercial Construction
UXB211	Building Services
UXB213	Advanced Measurement for Construction
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
LWS012	Urban Development Law
UXB220	Services and Heavy Engineering Measurement
UXH315	Construction Estimating
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
USB300	Property Development

UXH310	High-rise Construction
UXH311	Contract Administration
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH321	Cost Planning and Controls
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
UXH400-1	Project - Part A
UXH420	Risk Management in the Energy and Resources Sectors
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
UXH312	Construction Legislation
UXH400-2	Project - Part B
2nd Major/Minor unit	
2nd Major/Minor unit	

Year	2022
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$9,500 per year full-time (96 credit points)
International fee (indicative)	2022: \$32,600 per year full-time (96 credit points)
Total credit points	384
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Dr Paul Donehue
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Year 12 early offer scheme

If you're a current Queensland Year 12 student, you may be eligible to receive an offer for this course on the last day of Queensland Year 12, before receiving your ATAR or selection rank.

[Find out more about the QUT Year 12 Early Offer Scheme](#)

### Domestic 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)

### Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

### Course Overview

The QUT Bachelor of Urban Development (Honours) degree with a primary major (Study Area A) in Urban and Regional Planning is designed to provide you with 'real-life' exposure and knowledge and expertise in the field to design and administer plans and policy at neighbourhood, local, regional and state levels. With the capacity and will to contribute to a better built environment, as a work-ready graduate, you will be able to apply your perceptive sensibilities and skills in practice to create sustainable natural and human environments.

### Course Design

Your QUT Bachelor of Urban Development (Honours) (Urban and Regional Planning) degree consists of 384 credit points (32 units) arranged as follows:

**a)** 72 credit points (6 units) of Urban Development Core units, which includes a Work Integrated Learning unit that requires completion of workplace

learning.

**b)** 216 credit points (18 units) of Urban and Regional Planning discipline units

**c)** 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

### Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

### Urban and Regional Planning Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher order thinking to an advanced level.

### Complementary Studies Options

#### Second Major:

A choice of one second major from:

#### Urban Development disciplines:

- Urban Development Construction
- Property
- Accountancy
- Applied Economics and Finance

(additional second major choices are currently under development)

#### Minors:

A choice of two minors from the lists below:

#### Urban Development disciplines:

- Residential Construction
- Administration in Construction
- Building Economics
- Property Development
- Property Investment and Finance
- Property Valuation

#### Other disciplines:

- Urban Design

# Bachelor of Urban Development (Honours) (Urban and Regional Planning)

- Language Minors – University Wide Options
- [University Wide Minors](#)

## Professional Recognition

Graduates are eligible for membership of the Planning Institute of Australia (PIA)

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs

## Domestic Course structure

Your QUT Bachelor of Urban Development (Honours) (Urban and Regional Planning) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning
- 216 credit points (18 units) of urban and regional planning discipline units
- 96 credit points of complementary studies comprising of either a second major (8 unit set) or two minors (4 unit set each).

## Urban development core units

These units will engage you in understanding urban development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Urban and regional planning major discipline units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary studies options

Complementary studies may be taken as a second major of 96 credit points or two minors of 48 credit points each. Experiential minors in work integrated learning as well as student exchange are

also available.

## Second majors

A second major provides the opportunity for you to undertake significant studies in a second Urban Development discipline such as Property Economics, Construction Management, Architectural Studies, Accountancy, Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary 'non-discipline' skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

## Pathways to further study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant masters and/or doctoral level programs.

## International Course structure

Your QUT Bachelor of Urban Development (Honours) (Urban and Regional Planning) degree consists of 384 credit points (32 units) arranged as follows:

- 72 credit points (6 units) of Urban Development Core units, which includes a Professional Practice unit that requires completion of workplace learning.
- 216 credit points (18 units) of Urban and Regional Planning discipline units
- 96 credit points of complementary studies comprising of either a Second Major (8 unit set) or two Minors (4 unit set each).

## Urban Development Core Units

These units will engage you in understanding Urban Development from a range of disciplinary and multidisciplinary perspectives, expose you to the various outcomes available for pursuing studies in this field and introduce the fundamental

basis for policy and practice. Later core units, together with the discipline specific units, will progress your learning development through experiential and enquiry based learning in collaborative environments.

## Urban and Regional Planning Major Discipline Units

These units give you discipline level knowledge, skills and application competencies from introductory through intermediate, culminating with advanced graduate level units. They focus on developing your knowledge, practice and higher-order thinking to an advanced level.

## Complementary Studies Options

Complementary studies may be taken as a Second Major of 96 credit points or two Minors of 48 credit points each. Experiential minors in Work Integrated Learning as well as student exchange are also available.

## Second Majors

A second major provides the opportunity for you to undertake significant studies in a second Urban Development discipline such as Property Economics, Construction Management, Architectural Studies, Accountancy, Applied Economics and Finance. Second majors are also designed to provide diverse professional skills and knowledge beyond the traditional reaches of the built environment curriculum and can offer a range of study options in other fields.

## Minors

Minors will allow you undertake studies in a companion discipline. They are designed to provide you with introductory to intermediate level knowledge and skills in areas complementary to your studies. You can choose a minor from other built environment disciplines. There are also minors designed to distinguish students in the employment marketplace with complementary 'non-discipline' skills and competencies that you can choose from a range of inter- and intra-faculty disciplines.

## Pathways to Further Study

The (UD01) Bachelor of Urban Development (Honours) is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Masters and/or Doctoral level programs.

## Sample Structure Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)

## Bachelor of Urban Development (Honours) (Urban and Regional Planning)

- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
UXB131	Planning and Design Practice
UXB132	Urban Analysis
<b>Year 1, Semester 2</b>	
LWS012	Urban Development Law
UXB133	Urban Studies
UXB134	Land Use Planning
UXB135	Negotiation and Conflict Resolution
<b>Year 2, Semester 1</b>	
EFB231	Economics
UXB231	Stakeholder Engagement
UXB233	Planning Law
2nd Major/Minor unit	
<b>Year 2, Semester 2</b>	
UXB230	Site Planning
UXB234	Transport Planning
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 1</b>	
USB300	Property Development
UXB330	Urban Design
2nd Major/Minor unit	
2nd Major/Minor unit	
<b>Year 3, Semester 2</b>	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH331	Environmental Planning
2nd Major/Minor unit	
<b>Year 4, Semester 1</b>	
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
2nd Major/Minor unit	
<b>Year 4, Semester 2</b>	
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
2nd Major/Minor unit	

Year	2022
QUT code	DE70
Duration (part-time domestic)	1 - 2 years
Duration (part-time international)	1 - 2 years
Domestic fee (indicative)	2022: \$12,200 per year part-time (48 credit points)
Total credit points	48
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

A completed recognised bachelor degree (or higher qualification) in landscape architecture or relevant discipline; *or*

A completed diploma (or higher qualification) in landscape architecture or relevant discipline *plus* three years full-time (or equivalent) experience working in landscape architecture or relevant field; *or*

Five years (full-time) professional experience working in landscape architecture or relevant field

### Relevant discipline/field

- Architecture
- Civil engineering
- Environmental engineering
- Environmental science
- Interior architecture
- Landscape architecture
- Planning (regional, town urban)

## International Entry requirements

A completed recognised bachelor degree or higher qualification in landscape architecture or relevant discipline, such as:

- environmental engineering
- civil engineering
- planning
- environmental science
- environmental design
- architecture
- urban design
- interior architecture

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To meet the course requirements for the Graduate Certificate in Designing Resilient Landscapes, you must complete a total of 48 credit points, made up of:

- two core units (24 credit points)
- two option units (24 credit points) chosen from the Landscape Unit Options list.

Of the eight units available in this course,

four will be delivered fully online and four will be delivered on-campus with an online learning component.

## International Course structure

To meet the course requirements for the Graduate Certificate in Designing Resilient Landscapes, you must complete a total of 48 credit points, made up of:

- two core units (24 credit points)
- two option units (24 credit points) chosen from the Landscape Unit Options list.

Of the eight units available in this course, four will be delivered fully online and four will be delivered on-campus with an online learning component.

## Sample Structure

Note: Due to the staged roll out of units, it will not be possible to complete this course until end 2022.

### Semesters

- [February entry](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [July entry](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)

Code	Title
February entry	
Year 1, Semester 1	
One unit from the Landscape Unit Options list	
Year 1, Semester 2	
DYN107	Decolonised Design
Year 2, Semester 1	
One unit from the Landscape Unit Options list	
Year 2, Semester 2	
DYN106	Sustainable Urban Design: Approaches and Principles
Note: DYN106 Sustainable Urban Design: Approaches and Principles will be offered for the first time in semester 2 2022. It is planned for offer in semester 1 and semester 2 from 2023.	
July entry	
Year 1, Semester 2	
DYN107	Decolonised Design
Year 2, Semester 1	
One unit from the Landscape Unit Options list	

## Graduate Certificate in Designing Resilient Landscapes

### Year 2, Semester 2

One unit from the Landscape Unit  
Options list

### Year 3, Semester 1

DYN106	Sustainable Urban Design: Approaches and Principles
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Note: DYN106 Sustainable Urban Design: Approaches and Principles will be offered for the first time in semester 2 2022. It is planned for offer in semester 1 and semester 2 from 2023.

<b>Year</b>	2022
<b>QUT code</b>	EN60
<b>CRICOS</b>	096755G
<b>Duration (full-time international)</b>	6 months
<b>Domestic fee (indicative)</b>	2022: \$0 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$18,400 per course (48 credit points)
<b>Total credit points</b>	48
<b>Credit points full-time sem.</b>	48
<b>Course Coordinator</b>	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
<b>Discipline Coordinator</b>	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## International Entry requirements

### Academic entry requirements

Requirements for this pathway course are dependent your selected Master program and major.

Master of Professional Engineering (Electrical OR Electrical and Management Majors)

EN60 Graduate Certificate in Communication for Engineering (1 semester) and EN55 Master of Professional Engineering (Electrical OR Electrical and Management) (3 semesters)

A completed recognised four year full time Bachelor degree in an Electrical engineering discipline with a grade point average of 4.0 or higher (on QUT's 7 point scale).

Master of Professional Engineering (Mechanical OR Mechanical and Management Majors)

EN60 Graduate Certificate in Communication for Engineering (1 semester) and EN55 Master of Professional Engineering (Mechanical OR Mechanical and Management) (3 semesters)

A completed recognised four year full time Bachelor degree in a Mechanical engineering discipline with a grade point average of 4.0 or higher (on QUT's 7 point scale).

Master of Professional Engineering (Civil OR Civil and Construction OR Civil and Management Majors)

EN60 Graduate Certificate in Communication for Engineering (1 semester) and EN55 Master of Professional Engineering (Civil OR Civil and Construction OR Civil and Management) (3 semesters)

A completed recognised four year full time Bachelor degree in a Civil engineering discipline with a grade point average of 4.0 or higher (on QUT's 7 point scale).

Master of Engineering Management

EN60 Graduate Certificate in Communication for Engineering (1 semester) and BN87 Master of Engineering Management (2 semesters)

A completed recognised four year full time Bachelor degree in Electrical, Mechanical or Civil engineering with a grade point average of 4.0 or higher (on QUT's 7 point scale).

Master of Engineering (Electrical)

EN60 Graduate Certificate in Communication for Engineering (1 semester) and EN50 Master of Engineering (Electrical) (2 semesters)

A completed recognised four year full time Bachelor degree in an Electrical engineering discipline with a grade point average of 4.0 or higher (on QUT's 7 point scale).

Master of Engineering (Mechanical)

EN60 Graduate Certificate in Communication for Engineering (1 semester) and EN50 Master of Engineering (Mechanical) (2 semesters)

A completed recognised four year full time Bachelor degree in a Mechanical engineering discipline with a grade point average of 4.0 or higher (on QUT's 7 point scale).

Master of Project Management

EN60 Graduate Certificate in Communication for Engineering (1 semester) and PM20 Master of Project Management (2 or 3 semesters)

A completed recognised four year full time Bachelor degree in an Electrical, Mechanical or Civil engineering discipline with a grade point average of 4.0 or higher (on QUT's 7 point scale).

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.0
Listening	5.0
Reading	5.5
Writing	5.5
Speaking	5.0

## International Course structure

The Graduate Certificate in Communication for Engineering is designed around set of core and



## Graduate Certificate in Communication for Engineering

discipline units to provide engineering graduates with technical, theoretical and language skills for further learning.

To graduate with a EN60 Graduate Certificate in Communication for Engineering you are required to complete 48 credit points of course units consisting of:

- 24 credit points of core communication units
- 12 credit points of core engineering units
- 12 credit points of engineering discipline units for advanced specialised knowledge and technical skills.

Your engineering discipline unit is selected from either the mechanical or electrical unit options, depending on your engineering specialisation.

No credit for prior learning will be available for units in this course. Discipline units provide added depth and breadth in your chosen area of specialisation in an English speaking context.

### Sample Structure

Code	Title
<b>Year 1, Semester 1</b>	
EGH404	Research in Engineering Practice
QCD111	Communication 1
QCD211	Communication 2
PLUS Select 1 unit (12 credit points) from ONE of the following specialisations: Your unit choice should reflect the engineering specialisation you will study in your Master degree.	
Electrical Engineering Unit Options List	
EGH441	Power System Modelling
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
EGH445	Modern Control
EGH446	Autonomous Systems
EGH448	Power Electronics
EGH449	Advanced Electronics
EGH450	Advanced Unmanned Aircraft Systems
EGH456	Embedded Systems
Mechanical Engineering Unit Options List	
EGH414	Stress Analysis
EGH421	Vibration and Control
EGH422	Heat Transfer

Civil Engineering Unit Options List (not for Civil & Construction - see below)	
EGH423	Fluid Dynamics
EGB473	Composite Structures
EGH481	Infrastructure Asset Management
EGB485	Finite Element Analysis
EGH471	Advanced Water Engineering
Civil and Construction Unit Options List	
EGH472	Advanced Highway and Pavement Engineering
UXH410	Strategic Construction Management
UXH411	Programming and Scheduling
EGB482	Contracting and Construction Regulations

Year	2022
QUT code	PM15
CRICOS	084926C
Duration (full-time)	6 months
Campus	Gardens Point
Domestic fee (indicative)	2022: \$12,000 per course (48 credit points)
International fee (indicative)	2022: \$17,300 per course (48 credit points)
Total credit points	48
Credit points full-time sem.	48
Start months	July
Int. Start Months	July
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

A recognised bachelor degree (or higher qualification) in any discipline; *or*

A recognised diploma (or higher qualification) in any discipline *and* at least two years full-time (or equivalent) professional work experience in project or program management; *or*

At least five years full-time (or equivalent) professional work experience in project or program management.

## International Entry requirements

A completed recognised bachelor degree in any discipline.

## Minimum English requirements

Students must meet the English proficiency requirements.

### IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Overview

The Graduate Certificate in Project Management delivers fundamental Project Management skills to those wishing to advance their knowledge in the discipline. It is designed for, both, individuals seeking to work in project management areas and for those already working in positions requiring project management.

With this course you will gain a depth of specialised knowledge and skills to manage projects across multiple industry sectors.

Designed to offer flexible study choices, the course is available fully on-line or face to face on campus. See the Study Choices information below for more detail on how you can study this course.

## Course Design

The QUT Graduate Certificate in Project Management degree is designed around a set of core project management topics that underpin the knowledge required for practice and/or further learning.

The course will provide you with

advanced and specialised discipline knowledge and skills to apply appropriate solutions to project management problems. You will learn how to communicate effectively within various social, cultural and professional contexts across and within stakeholder and discipline groups.

The course structure consists of 48 credit points (4 units) of core units that can be completed in one semester of study.

Two of the units should be completed in this order:

PMN501 Project Management Essentials 1, in the first half of the semester, followed by PMN502 Project Management Essentials 2 in the second half of the semester.

## Study Choices

You can study the Graduate Certificate in Project Management internally on campus at Gardens Point or externally Online. Depending on your location, you may choose to study some, or all, units Online or you may choose to attend in class at Gardens Point. When you self-enrol in a unit you must select from the list of attendance modes available that matches how you wish to study that unit. If you select the online study mode for a unit, your studies will all take place electronically, off campus. If you select to study a unit internally, you will be required to attend scheduled classes on campus.

### Studying On Campus (Internally)

There are different ways you can study some project management units internally. You will be able to identify which type of internal study is offered when you self-enrol in a unit. If the unit is described as 'Internal' this typically indicates a standard delivery mode where classes will be scheduled each week for the duration of the specified teaching period. If a unit is described as Internal Block Mode, this indicates that it will be delivered in an intensive learning mode, such as whole day or weekend sessions or seminars. Please ensure you check your session dates.

## Special Course Requirements

Students wishing to undertake online studies will require access to the necessary technology to facilitate this mode of study.

### Pathways to Further Study

The QUT Graduate Certificate in Project Management is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates will be eligible for entry into the Master of Project Management with a reduced course duration of 1 year.

### Professional Membership

Endorsed by the Australian Institute of Project Management (AIPM).

### Domestic Course structure

The QUT Graduate Certificate in Project Management degree is designed around a set of core project management topics that underpin the knowledge required for practice and/or further learning.

The units will provide you with advanced and specialised discipline knowledge and skills to apply appropriate solutions to project management problems. You will learn how to communicate effectively within various social, cultural and professional contexts across and within stakeholder and discipline groups.

The course structure consists of 48 credit points (4 units) of core units that can be completed in one semester of study.

Two of the units should be completed in this order:

PMN501 Project Management Essentials 1, in the first half of the semester, followed by PMN502 Project Management Essentials 2 in the second half of the semester.

### Pathways to further study

The QUT Graduate Certificate in Project Management is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates will be eligible for entry into the Master of Project Management with a reduced course duration of one year.

### International Course structure

The QUT Graduate Certificate in Project Management degree is designed around a set of core project management topics that underpin the knowledge required for practice and/or further learning.

The units will provide you with advanced and specialised discipline knowledge and skills to apply appropriate solutions to project management problems. You will learn how to communicate effectively within various social, cultural and professional contexts across and within stakeholder and discipline groups.

The course structure consists of 48 credit points (4 units) of core units that can be completed in one semester of study.

Two of the units should be completed in this order:

PMN501 Project Management Essentials 1, in the first half of the semester, followed by PMN502 Project Management Essentials 2 in the second half of the semester.

### Pathways to further study

The QUT Graduate Certificate in Project Management is located at Level 8 of the Australian Qualifications Framework (AQF). Graduates will be eligible for entry into the Master of Project Management with a reduced course duration of 1 year.

### Sample Structure

Code	Title
Full-time course structure	
PMN501	Project Management Essentials 1
PMN502	Project Management Essentials 2
Core unit PMN501 is assumed knowledge for PMN502, and should be taken in the first half of the semester of study before attempting PMN502 in the second half of the semester.	
PMN503	Systems in Project Management
PMN504	People and Projects

## Minimum English requirements

Students must meet the English proficiency requirements.

<b>Year</b>	2022
<b>QUT code</b>	PQ15
<b>Duration (full-time)</b>	6 months
<b>Domestic fee (indicative)</b>	2022: \$12,000 per year full-time (48 credit points)
<b>International fee (indicative)</b>	2022: \$17,300 per year full-time (48 credit points)
<b>Total credit points</b>	48
<b>Start months</b>	October, July, April, February
<b>Int. Start Months</b>	October, July, April, February
<b>Course Coordinator</b>	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
<b>Discipline Coordinator</b>	AskQUT 1300 110 918 help@qutonline.edu.au

Year	2022
QUT code	BN87
CRICOS	006368G
Duration (full-time)	1 year
Duration (part-time domestic)	2 years
Campus	Gardens Point
Domestic fee (indicative)	2022: \$26,200 per year full-time (96 credit points)
International fee (indicative)	2022: \$35,500 per year full-time (96 credit points)
Total credit points	96
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	Associate Professor Azhar Karim
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

A recognised four-year full time (or equivalent) bachelor or bachelor honours degree in engineering with a grade point average (GPA) of 4.0 or more (on a 7 point scale).

## International Entry requirements

### Academic entry requirements

- A completed recognised four-year full-time bachelor degree in a relevant engineering discipline with a minimum grade point average (GPA) score of 4.0 on QUT's 7-point scale; *or*
- A completed recognised three-year full-time bachelor degree in a relevant engineering discipline with a minimum grade point average (GPA) score of 4.0 on QUT's 7-point scale and two years full-time professional engineering work experience.\*

\*Students applying on the basis of work experience must submit a current curriculum vitae and employer statements detailing roles and responsibilities.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Structure

To graduate with a Master of Engineering Management you are required to complete 96 credit points (8 units) consisting of:

48 credit points of core engineering management postgraduate units, including a 12 credit point advanced research skills unit and 24 credit points of research based project units

and;

48 credit points of engineering management discipline units.

## International Student Entry

International students must maintain an enrolment program that will allow them to

complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Early Exit Options

Please note: There is no early exit option available for students that enter the BN87 program from 2015 onwards.

## Pathways to Further Study

The Master of Engineering Management is located at level 9 of the Australian Qualifications Framework. Graduates that meet the GPA requirements, may be eligible to apply for discipline relevant Doctoral level studies.

## International Combined Masters Packages

Students admitted to a combined masters pathway (BN87 + EN50 or BN87 + PM20) may progress to their second degree on completion of the first, and are referred to the combined package study plan for their chosen combination, available on the course websites. Separate awards are granted for each degree completed.

## Domestic Course structure

To graduate with a Master of Engineering Management you are required to complete 96 credit points (8 units) consisting of:

60 credit points of core engineering management postgraduate units, including advanced research skills and research based project units, a professional practice unit and an advanced discipline unit. Plus 36 credit points of advanced discipline and management units to be selected from a list of options.

## International Course structure

To graduate with a Master of Engineering Management you are required to complete 96 credit points (8 units) consisting of:

60 credit points of core engineering management postgraduate units, including advanced research skills and research based project units, a professional practice unit and an advanced discipline unit. Plus 36 credit points of advanced discipline and management units to be selected from a list of options.

## Combined masters packages for international students

If you are admitted to either of:

- Master of Engineering Management and Master of Engineering package
- Master of Engineering Management and Master of Project Management package

You can progress to the second degree on completion of the first.

You will receive an award for each degree completed.

Refer to the combined package course structure of the relevant second year degree for unit details.

## International Student Entry

You must maintain an enrolment program that will allow you to complete your course within the specified timeframe of your electronic Confirmation of Enrolment (eCoE)

## Sample Structure

### Combined Masters Packages: Master of Engineering (EN50) plus Master of Engineering Management (BN87)

If you are admitted to this pathway, once you have completed your Master of Engineering (EN50) including BEN610/PMN610 Project Management Principles, you may progress to the Master of Engineering Management (BN87) with 24 credit points of advanced standing.

Please follow the study plan below for your combined package.

### Engineering Management (BN87) plus Master of Engineering (EN50) OR Master of Engineering Management (BN87) plus Master of Project Management (PM20)

If you are admitted to one of these pathways, once you successfully complete your Master of Engineering Management (BN87), you may progress to your second program.

Please refer to the relevant course site ([EN50](#) or [PM20](#)) for further information regarding your second degree and follow the study plan for your combined package.

## Semesters

- [Combined Masters Program - Year 2](#)
- [BN87 Study Plan for EN50 Master of Engineering Graduates](#)
- [Engineering Management Unit Options List](#)

## Options List

Code	Title
<b>Combined Masters Program - Year 2</b>	
To undertake BN87 Master of Engineering Management in Year 2 of your combined masters program, you will have completed EN50 Master of Engineering program in Year 1. Please follow the study plan below, including advanced standing, for your Year 2 BN87 program.	
<b>BN87 Study Plan for EN50 Master of Engineering Graduates</b>	
February Entry	
Year 2, Semester 1	
ENN591-1	Project 1
Option unit - select from unit options list	
Option unit - select from unit options list	
Year 2, Semester 2	
ENN591-2	Project 2
ENN570	Enterprise Resource Planning
Option unit - select from unit options list	
Mid Year Entry	
Year 2, Semester 2	
ENN591-1	Project 1
ENN570	Enterprise Resource Planning
Option unit - select from unit options list	
Year 3, Semester 1	
ENN591-2	Project 2
Option unit - select from unit options list	
Option unit - select from unit options list	
<b>Engineering Management Unit Options List</b>	
Select 36CP from the following:	
Select 24CP (2 units) from	
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
Select 12CP (1 unit) from	
AMN430	International Logistics Management
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects

PMN601	Projects and Performance
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## Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 1](#)
- [Select 12CP \(1 unit\) from the Engineering Management Unit Options List 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
ENN541	Research Methods for Engineers
ENN591-1	Project 1
PMN610	Project Management Principles
OR Engineering Management Option Unit	
Engineering Management Option Unit	
<b>Year 1, Semester 2</b>	
ENN570	Enterprise Resource Planning
ENN591-2	Project 2
PMN610	Project Management Principles
OR Engineering Management Option Unit	
Engineering Management Option Unit	
<b>Select 24CP (2 units) from the Engineering Management Unit Options List 1</b>	
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
<b>Select 12CP (1 unit) from the Engineering Management Unit Options List 2</b>	
AMN430	International Logistics Management
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	BQ87
Duration (full-time domestic)	1 year
Duration (part-time domestic)	2 years
Domestic fee (indicative)	2022: \$26,100 per year full-time (96 credit points)
Total credit points	96
Credit points full-time sem.	48
Credit points part-time sem.	24
Dom. Start Months	October, July, April, February
Course Coordinator	
Discipline Coordinator	1300 110 918 help@qutonline.edu.au

Year	2022
QUT code	DE80
CRICOS	056390G
Duration (full-time)	1 year
Campus	Gardens Point
International fee (indicative)	2021: \$34,700 per year full-time (96 credit points)
Total credit points	96
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

**Entry requirements**  
Successful completion of QUT's DE42 Bachelor of Design (Honours) (Architectural Studies).

### Additional information

All current DE42 Bachelor of Design (Honours) (Architectural Studies) graduands will automatically receive an offer to start DE80 Master of Architecture within three weeks of the current semester results being released.

All other applicants must apply for [DE83 Master of Architecture](#).

## International Entry requirements

### Academic entry requirements

QUT's Bachelor of Design (Architectural Studies) or Bachelor of Design (Honours) (Architectural Studies); or

A completed recognised 4 year full-time bachelor degree in architecture comparable to QUT's Bachelor of Design (Honours) program. Applicants applying on this basis must submit prior course information and a digital portfolio. Please refer to the application *documentation requirements* for details; or

A completed recognised 3 year full-time bachelor degree in architecture plus at least 1 year of recognised postgraduate architecture studies comparable to QUT's Bachelor of Design (Honours) program. Applicants applying on this basis must submit prior course information and a digital portfolio. Please refer to the application *documentation requirements* for details.

### Application documentation requirements

Your portfolio, prior course content and your academic transcripts will be assessed to determine if you have met the course learning outcomes comparable to QUT's Bachelor of Design (Honours) (Architectural Studies). Please submit the following with your application:

1. Prior architecture course information including course overview and subject syllabus in English; *and*
2. A digital portfolio which must include the following:
  - a minimum of 4 projects. Ensure that your architectural design abilities are well represented in the portfolio;
  - fully documented design projects

with a proper set of plans, sections, elevations and perspectives (photos of models optional), for each project included;

- samples of your university design assignments (architectural design projects) from the highest year levels of design studio that you have completed. The intent of the portfolio is to illustrate your highest level of skill development during your previous studies;
- samples of design projects completed for professional work (university studies only).

Portfolios must be in English and submitted in digital form (preferably 'pdf') with your application.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Description

The Master of Architecture enables the development of advanced yet balanced understanding in architectural design and research, contextual studies, technology and science and studies for professional practice. It is the professional degree required, along with the requisite post-graduate work experience, for registration as an architect.

## Professional Recognition

Graduates of the DE80 Master of Architecture meet the academic requirements for membership of the Australian Institute of Architects (AIA). Graduates who have also completed two years of practical architectural experience (at least one year postgraduate) will be eligible to undertake the Architectural Practice Examination which, if successful, will enable the graduate to be eligible for registration with any Board of Architects in Australia.

## Domestic Course structure

To meet the course requirements for this course, you must complete a total of 96 credit points, made up of:

- Two research-based 'design



## Master of Architecture (until 2022)

studios' (24 credit points each)

- Four core units (12 credit points each).

The two 'design studio' units form the cornerstone of this course and emphasise authentic learning by doing, collaborative approaches to knowledge building, and project-based approaches to learning.

### International Course structure

To meet the course requirements for this course, you must complete a total of 96 credit points, made up of:

- Two research-based 'design studios' (24 credit points each)
- Four core units (12 credit points each).

The two 'design studio' units form the cornerstone of this course and emphasise authentic learning by doing, collaborative approaches to knowledge building, and project-based approaches to learning.

### Sample Structure

Code	Title
Year 1 - Semester 1	
DAN101	Master Studio A
DAN125	Contemporary Architectural Culture
DAN145	Architectural Professional Practice
Year 1 - Semester 2	
DAN201	Master Studio B
DAN235	Project Management
DAN245	Contract Administration

Year	2022
QUT code	DE83
CRICOS	099089A
Duration (full-time)	2 years
Duration (part-time domestic)	4 years
Campus	Gardens Point
Domestic fee (indicative)	2022: CSP \$8,100 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,700 per year full-time (96 credit points)
Total credit points	192
Credit points full-time sem.	48
Start months	July, February
Int. Start Months	July, February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

You must have one of the following:

### 2 year program

- A recognised Australian three-year architecture bachelor degree with a GPA of 4.5 (or equivalent); *or*
- A recognised Australian three-year architecture bachelor degree *plus* six months full-time (or equivalent) relevant Australian professional experience under the supervision of a registered architect; *or*
- A recognised overseas three-year architecture bachelor degree *plus* an approved design portfolio

### Current QUT Architecture degree graduands

Current QUT architecture graduands from a design single or double degree with a GPA of 4.5 or better will automatically receive an offer within three weeks of course completion.

### 1 year program

- Completed Bachelor of Design (Honours) (Architectural Studies) or the four year Bachelor of Design (Architectural Studies) at QUT; *or*
- A recognised Australian three-year architecture bachelor degree *plus* passed (at least) the entire first year of a recognised Australian Master of Architecture (or equivalent); *or*
- A recognised overseas three-year architecture bachelor degree *plus* passed at least one year full-time (or equivalent) of recognised postgraduate architecture studies *plus* an approved design portfolio

### Current QUT Architectural Studies graduands

Current QUT Architectural Studies graduands from a design honours degree will automatically receive an offer within three weeks of course completion.

### July 2022 entry

If you qualify for the one year program you are starting full-time in July 2022 you will be offered the one year [DE80 Master of Architecture](#) instead of the two year DE83 Master of Architecture.

## International Entry requirements

### Academic entry requirements

Australian qualifications

2-year program

You can apply if you have a completed recognised 3-year architectural design bachelor program that leads to an Australian AACA accredited masters course, with a GPA of 4.5 (or equivalent).

Successful completion of one of the following QUT courses:

- Bachelor of Design (Architecture) (DE43) with a GPA of 4.5 or better
- Bachelor of Design (Architecture) (DE43) and six months relevant professional experience
- Bachelor of Design - International (Architecture) (DE45) with a GPA of 4.5 or greater
- Bachelor of Design - International (Architecture) (DE45) and six months relevant professional experience
- Bachelor of Design (Architectural Studies) (DE40).

1-year program

Successful completion of QUT's DE42 Bachelor of Design (Honours) (Architectural Studies).

Prior to 2023, graduates of QUT's DE42 Bachelor of Design (Honours) (Architectural Studies) can progress into the Master of Architecture (DE80) one year program.

From 2023, graduates of QUT's DE42 Bachelor of Design (Honours) (Architectural Studies) can progress into the Master of Architecture (DE83) one year program.

International qualifications

A completed recognised 3-year architectural design bachelor program, with a GPA of 4.5 (or equivalent), and with approved portfolio of design work.

If you are applying on this basis, you must submit prior course information and a digital portfolio. Refer to the application and documentation requirements for details.

Application and documentation requirements

Your portfolio, prior course content and your academic transcripts will be assessed to determine if you have met the course learning outcomes comparable to QUT's Bachelor of Design (Honours) (Architectural Studies). Submit the following with your application:

- prior architecture course information, including course overview and subject syllabus in

# Master of Architecture

English.

- A digital portfolio, which must include: A minimum of 4 projects. Ensure that your architectural design abilities are well represented in the portfolio. Fully documented design projects with a proper set of plans, sections, elevations and perspectives (photos of models optional), for each project included. Samples of your university design assignments (architectural design projects) from the highest year levels of design studio that you have completed. The intent of the portfolio is to illustrate your highest level of skill development during your previous studies.

Your portfolio should not include samples of design projects completed for professional work (university studies only).

Portfolios must be in English and submitted in digital form (preferably PDF) with your application.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To meet the course requirements for this course, you must complete a total of 192 credit points, made up of:

- four design studio units (24 credit points each)
- eight core units (12 credit points each).

The four design studio units form the cornerstone of this course and emphasise authentic learning by doing, collaborative approaches to knowledge building, and project-based approaches to learning.

## International Course structure

To meet the course requirements for this course, you must complete a total of 192 credit points, made up of:

- four design studio units (24 credit points each)
- eight core units (12 credit points each).

The four design studio units form the

cornerstone of this course and emphasise authentic learning by doing, collaborative approaches to knowledge building, and project-based approaches to learning.

## Sample Structure Semesters

- [February entry](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [July entry](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)

Code	Title
February entry	
Year 1, Semester 1	
DAN104	Advanced Building Science
DAN111	Studio: Adaptable
DYN102	Research Strategies in Design
Year 1, Semester 2	
DAN112	Studio: Urban
DYN106	Sustainable Urban Design: Approaches and Principles
DYN107	Decolonised Design
Year 2, Semester 1	
DAN108	Contemporary Architectural Theory
DYN203	Integrated Professional Practice
DYN211	Studio: Communities
Year 2, Semester 2	
DAN212	Studio: Integrated
DAN105	Complex Building Systems
DYN207	Management and Administration of Projects
July entry	
Year 1, Semester 2	
DAN112	Studio: Urban
DYN106	Sustainable Urban Design: Approaches and Principles
DYN107	Decolonised Design
Year 2, Semester 1	
DAN104	Advanced Building Science
DAN111	Studio: Adaptable
DYN102	Research Strategies in Design
Year 2, Semester 2	
DAN105	Complex Building Systems
DAN212	Studio: Integrated
DYN207	Management and Administration of Projects
Year 3, Semester 1	
DAN108	Contemporary Architectural Theory
DYN203	Integrated Professional

	Practice
DYN211	Studio: Communities

Year	2022
QUT code	EN50
CRICOS	060811A
Duration (full-time)	1 year
Duration (part-time domestic)	2 years
Campus	Gardens Point
Domestic fee (indicative)	2022: \$30,900 per year full-time (96 credit points)
International fee (indicative)	2022: \$37,700 per year full-time (96 credit points)
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

A completed recognised four year full-time bachelor degree in an electrical or mechanical engineering or a related engineering area with a minimum grade point average (GPA) of 4.00 (on QUT's 7-point scale).

The following areas meet the 'related engineering area' requirement:

- Aerospace
- Aircraft Maintenance
- Aviation, Automotive
- Biomedical
- Chemical and Materials
- Chemical and Metallurgical
- Communication
- Computer
- Electrical
- Electronic
- Electronic and Biomedical
- Energy
- Industrial
- Information and Communications Technology
- Instrumentation and Control
- Manufacturing
- Marine
- Maritime
- Materials
- Mechanical
- Mechatronic
- Medical
- Microelectronic
- Mining
- Naval Architecture
- Ocean
- Photonics
- Photovoltaic and Solar Energy
- Power
- Process
- Product Design
- Renewable Energy
- Robotic Software
- Telecommunications
- Tool making
- Wireless

## International Entry requirements

### Academic entry requirements

#### Electrical Engineering

A completed recognised four year full-time Bachelor in an electrical engineering or related area with an overall grade point average of 4.0 (on QUT's 7-point scale); OR

A completed recognised three year full-time Bachelor in an electrical engineering or related area with an overall grade point average of 4.0 (on QUT's 7-point scale) and two years full time professional work experience in Electrical Engineering. Students applying on the basis of work

experience must submit a current curriculum vitae and employer statements detailing roles and responsibilities.

The following areas would meet the related area requirements for Electrical Engineering:

Aerospace, Communication, Computer, Electrical, Electronic, Electronic and Biomedical, Energy, Information and Communications Technology, Instrumentation and Control, Microelectronic, Photonics, Photovoltaic and Solar Energy, Power, Renewable Energy, Robotic Software, Telecommunications and wireless.

#### Mechanical Engineering

A completed recognised four year full-time Bachelor in an Mechanical Engineering area\* with an overall grade point average of 4.0 (on QUT's 7-point scale); OR

A completed recognised three year full-time Bachelor in an Mechanical Engineering area\* with an overall grade point average of 4.0 (on QUT's 7-point scale) and two years full time professional work experience in Mechanical Engineering. Students applying on the basis of work experience must submit a current curriculum vitae and employer statements detailing roles and responsibilities.

The following areas would meet the 'related engineering area' requirement for mechanical Engineering: Aerospace, Aircraft Maintenance, Aviation, Automotive, Biomedical, Chemical and Materials, Chemical and Metallurgical, Industrial, Manufacturing, Marine, Maritime, Materials, Mechanical, Mechatronic, Medical, Mining, Naval Architecture, Ocean, Process, Product Design, Tool making.

## Minimum English requirements

Students must meet the English proficiency requirements.

### IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Structure

To graduate with a Master of Engineering students are required to complete 96 credit points (8 units) of course units.

a) 2 Core units + 2 Project units (of a specialisation area) + at least 3 electives with the same specialisation tag to claim Master of Engineering (Specialisation\*); or

b) 2 Core units + 2 Project units + any 4 electives to claim Master of Engineering, i.e. no specialisation (Students fulfilling the specialisation requirement may choose not to have a specialisation in the award title)

\*Specialisation options include:  
- Mechanical Engineering  
- Networking & Communications

## Assumed Knowledge

It is assumed upon entry to the Masters program that students are proficient in prerequisite knowledge relevant to the intended Study Area A:

- **Mechanical Engineering:** students are assumed to be proficient in the general areas of mechanical engineering, metallurgy, materials or relevant disciplines.
- **Networking & Communications:** students are assumed to be proficient in the general area of electrical, electronics, communications or relevant disciplines.

## International Student Entry

International students must maintain an enrolment program that will allow them to complete their course within the specified timeframe of their eCoE (electronic Confirmation of Enrolment).

## Pathways to Further Study

The Masters of Engineering is located at level 9 of the Australian Qualifications Framework. Graduates that meet the GPA requirements, may be eligible to apply for discipline relevant Doctoral level studies.

## International Combined Masters Packages

Students admitted to a combined masters pathway (EN50 + PM20) may progress to their second degree on completion of the first, and are referred to the combined package study plan for their chosen combination, available on the course websites. Separate awards are granted for each degree completed.

## Professional Recognition

The Master of Engineering is a post-professional qualification and, as such, is beyond the usual qualifications required for membership of professional organisations.

## Early Exit Options

Please note: There is no early exit option available for students that enter the EN50 program from 2015 onwards.

## Domestic Course structure

To graduate with a Master of Engineering you are required to complete 96 credit points of course units consisting of:

48 credit points of core engineering postgraduate units, including advanced research skills and research based project units, a professional practice unit and an advanced discipline unit. Plus 48 credit points of advanced discipline and units from your specialisation (mechanical or electrical) to be selected from a list of options.

*Option units provide added depth and breadth in your chosen discipline area, as such you should select an alternate unit if you have completed a similar or equivalent unit in your previous studies.*

## International Course structure

To graduate with a Master of Engineering you are required to complete 96 credit points of course units consisting of:

48 credit points of core engineering postgraduate units, including advanced research skills and research based project units, a professional practice unit and an advanced discipline unit. Plus 48 credit points of advanced discipline and units from your specialisation (mechanical or electrical) to be selected from a list of options.

*Option units provide added depth and breadth in your chosen discipline area, as such you should select an alternate unit if you have completed a similar or equivalent unit in your previous studies.*

## Combined masters packages for international students

If you are admitted to either of:

- Master of Engineering and Master of Project Management package
- Master of Engineering Management and Master of Engineering package

You can progress to the second degree on completion of the first.

You will receive an award for each degree completed.

Refer to the combined package course structure of the relevant second year degree for unit details.

## International Student Entry

You must maintain an enrolment program that will allow you to complete your course within the specified timeframe of your electronic Confirmation of Enrolment (eCoE)

## Sample Structure Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Electrical Engineering Major Unit Options List](#)
- [Mechanical Engineering Major Unit Options List](#)

Code	Title
<b>Year 1, Semester 1</b>	
ENN541	Research Methods for Engineers
ENN590-1	Project 1
PMN610	Project Management Principles
OR Electrical/Mechanical Engineering Major Option Unit	
Electrical/Mechanical Engineering Major Option Unit	
<b>Year 1, Semester 2</b>	
ENN543	Data Analytics and Optimisation
ENN590-2	Project 2
PMN610	Project Management Principles
OR Electrical/Mechanical Engineering Major Option Unit	
Electrical/Mechanical Engineering Major Option Unit	
<b>Electrical Engineering Major Unit Options List</b>	
NOTE: Option units provide added depth and breadth in your chosen discipline area, as such you should select an alternate unit if you have completed a similar or equivalent unit in your previous studies.	
Select 36CP (3 units) from the Electrical Engineering Unit Options List:	
(The units are grouped in areas to assist you in focusing your studies.)	
POWER units:	
EGH441	Power System Modelling
EGH448	Power Electronics
EGH454	Power Systems Management

	with Renewable & Storage Resources
[EGH440 Power Systems Analysis (disc 31/12/2018) will still count as a Power Unit Option if already completed.]	
NETWORKS and COMMUNICATIONS units:	
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
ENN523	Advanced Network Engineering
ENN524	Mobile Network Engineering
CONTROL SYSTEMS units:	
EGH445	Modern Control
EGH446	Autonomous Systems
ELECTRONICS units:	
CAB420	Machine Learning
EGB439	Advanced Robotics
EGH449	Advanced Electronics
EGH456	Embedded Systems
<b>Mechanical Engineering Major Unit Options List</b>	
NOTE: Option units provide added depth and breadth in your chosen discipline area, as such you should select an alternate unit if you have completed a similar or equivalent unit in your previous studies.	
Select 36CP (3 units) from the Mechanical Engineering Unit Options List:	
EGB415	Motor Racing Vehicle Design
EGB422	Energy Management and Sustainability
EGB423	Heating, Ventilation and Air Conditioning
EGB435	Advanced Manufacturing and Industrial Automation
EGB485	Finite Element Analysis
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
ENN531	Advanced Materials and Engineering Applications
ENN532	Safety and Environmental Management
The following unit options have been discontinued but will still count as Mechanical Engineering Major Unit Options if already completed:	
EGB424 Advanced Computational Fluid Dynamics (disc 31/12/2020)	
EGB436 Industrial Automation (disc 31/12/2021)	
ENN552 Solar Thermal Systems - Heat and Power (last offered 2018, disc	

30/06/2022)
ENN553 Energy Optimised Buildings and Communities (last offered 2019, disc 30/06/2022)

### Combined Masters Packages: Master of Engineering Management (BN87) plus Master of Engineering (EN50)

If you are admitted to this pathway, once you have completed your Master of Engineering Management (BN87) including BEN610/PMN610 Project Management Principles, you may progress to the Master of Engineering (EN50) with up to 24 credit points of advanced standing.

Please follow the study plan below for your combined package.

International students on the BN87 + EN50 pathway may request an additional unit from the *Additional Unit Selections list*.

### Master of Engineering (EN50) plus Master of Engineering Management (BN87) OR Master of Engineering (EN50) plus Master of Project Management (PM20)

If you are admitted to one of these pathways, once you successfully complete your Master of Engineering (EN50), you may progress to your second program.

Please refer to the relevant course site ([BN87](#) or [PM20](#)) for further information regarding your second degree and follow the study plan for your combined package.

### Semesters

- [Combined Masters Program - Year 2](#)
- [EN50 Study Plan for BN87 Master of Engineering Management Graduates](#)
- [Electrical Engineering Major Unit Options List](#)
- [Mechanical Engineering Major Unit Options List](#)
- [Additional Unit Selections List](#)

Code	Title
<b>Combined Masters Program - Year 2</b>	
To undertake EN50 Master of Engineering in Year 2 of your combined masters program, you will have completed BN87 Master of Engineering Management program in Year 1. Please follow the study plan below, including advanced standing, for your Year 2	

EN50 program.	
<b>EN50 Study Plan for BN87 Master of Engineering Management Graduates</b>	
February Entry	
Year 2, Semester 1	
ENN590-1	Project 1
Option unit - select from your major unit options list	
Option unit - select from your major unit options list	
Year 2, Semester 2	
ENN590-2	Project 2
ENN543	Data Analytics and Optimisation
Option unit - select from your major unit options list	
Mid Year Entry	
Year 2, Semester 2	
ENN590-1	Project 1
ENN543	Data Analytics and Optimisation
Option unit - select from your major unit options list	
Year 3, Semester 1	
ENN590-2	Project 2
Option unit - select from your major unit options list	
Option unit - select from your major unit options list	
<b>Electrical Engineering Major Unit Options List</b>	
Select 36CP (3 units) from the Electrical Engineering Unit Options List:	
(The units are grouped in areas to assist you in focusing your studies.)	
POWER UNITS:	
EGH441	Power System Modelling
EGH448	Power Electronics
EGH454	Power Systems Management with Renewable & Storage Resources
[EGH440 Power Systems Analysis (disc 31/12/2018) will still count as a Power Unit Option if already completed.]	
NETWORKS AND COMMUNICATIONS UNITS:	
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
ENN523	Advanced Network Engineering

## Master of Engineering

ENN524	Mobile Network Engineering
CONTROL SYSTEMS UNITS	
EGH445	Modern Control
EGH446	Autonomous Systems
ELECTRONICS UNITS	
CAB420	Machine Learning
EGB439	Advanced Robotics
EGH449	Advanced Electronics
EGH456	Embedded Systems
<b>Mechanical Engineering Major Unit Options List</b>	
Select 36CP (3 units) from the Mechanical Engineering Unit Options List	
EGB415	Motor Racing Vehicle Design
EGB422	Energy Management and Sustainability
EGB423	Heating, Ventilation and Air Conditioning
EGB435	Advanced Manufacturing and Industrial Automation
EGB485	Finite Element Analysis
EGH420	Mechanical Systems Design
EGH422	Heat Transfer
ENN531	Advanced Materials and Engineering Applications
ENN532	Safety and Environmental Management
The following unit options have been discontinued but will still count as Mechanical Engineering Major Unit Options if completed already:	
EGB424 Advanced Computational Fluid Dynamics (disc 31/12/2020)	
EGB436 Industrial Automation (disc 31/12/2021)	
ENN533 Advanced Engineering Design and Maintenance (disc 31/12/2019)	
ENN552 Solar Thermal Systems - Heat and Power (last offered 2018, disc 30/06/2022)	
ENN553 Energy Optimised Buildings and Communities (last offered 2019, disc 30/06/2022)	
<b>Additional Unit Selections List</b>	
International students on the BN87 + EN50 pathway may request an additional unit from the list below. Please contact the faculty <a href="mailto:sef.enquiry@qut.edu.au">sef.enquiry@qut.edu.au</a> to arrange for your selection to be added to your study plan.	
PMN503	Systems in Project Management
PMN608	Managing the Project
MGN442	Self Leadership
IFN515	Fundamentals of Business Process Management

Year	2022
QUT code	EN55
CRICOS	096754G
Duration (full-time domestic)	1.5 - 2 years
Duration (full-time international)	2 years
Duration (part-time domestic)	3 - 4 years
Campus	Gardens Point
Domestic fee (indicative)	2022: \$33,200 per year full-time (96 credit points)
International fee (indicative)	2022: \$38,400 per year full-time (96 credit points)
Total credit points	192
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000

## International Entry requirements

### Minimum English requirements

Students must meet the English proficiency requirements.

### Domestic Course structure

To graduate with a Master of Professional Engineering you must complete 192 credit points of course units consisting of:

- 84 credit points of core units, including: advanced research skills and research-based project unitstwo professional practice unitsan advanced discipline unitan engineering design unit
- 108 credit points of discipline units from your specialisation, to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area. You should select different unit if you have completed a similar or equivalent unit in your previous studies.

You are also required to undertake 60 days of approved work experience in the engineering environment as part of your Work Integrated Learning.

### International Course structure

To graduate with a Master of Professional Engineering you must complete 192 credit points of course units consisting of:

- 84 credit points of core units, including: advanced research skills and research-based project unitstwo professional practice unitsan advanced discipline unitan engineering design unit
- 108 credit points of discipline units from your specialisation, to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area. You should select different unit if you have completed a similar or equivalent unit in your previous studies.

You are also required to undertake 60 days of approved work experience in the engineering environment as part of your Work Integrated Learning.



Year	2022
QUT code	EN55
CRICOS	096754G
Duration (full-time domestic)	1.5 - 2 years
Duration (full-time international)	2 years
Duration (part-time domestic)	3 - 4 years
Campus	Gardens Point
Domestic fee (indicative)	2022: \$33,200 per year full-time (96 credit points)
International fee (indicative)	2022: \$38,400 per year full-time (96 credit points)
Total credit points	192
Credit points full-time sem.	48
Credit points part-time sem.	24
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

Depending on your previous study, you may be admitted to either a 1.5-year or 2-year program. You don't need to apply separately for the 1.5 year program. You'll be automatically assessed for eligibility as part of our admissions process.

### Civil, civil and construction, and civil and management streams - 1.5-year program

You'll need:

- a completed, recognised four-year full-time equivalent bachelor degree in civil engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

### Civil stream - 2-year program

You'll need a completed, recognised full-time equivalent of either:

- a three-year bachelor degree in civil engineering or engineering technology (in civil engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale)
- a four-year bachelor degree in any engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

### Civil and construction stream - 2-year program

You'll need a completed, recognised full-time equivalent of either:

- a three-year bachelor degree in civil engineering or engineering technology (in civil engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale)
- a four-year bachelor degree in any engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

### Civil and management stream - 2-year program

You'll need:

- a completed, recognised three- or four-year full-time equivalent bachelor degree in civil engineering or engineering technology (in civil engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale).

## International Entry requirements

### Civil, civil and construction, and civil and management streams - 1.5-year program

You'll need:

- a completed, recognised four-year full-time equivalent bachelor degree in civil engineering discipline with a

minimum GPA of 4.0 (on QUT's 7 point scale).

### Civil - 2-year program

You'll need a completed, recognised full-time equivalent of either:

- a three-year bachelor degree in civil engineering or engineering technology (in civil engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale)
- a four-year bachelor degree in any engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

### Civil and construction stream - 2-year program

You'll need a completed, recognised full-time equivalent of either:

- a three-year bachelor degree in civil engineering or engineering technology (in civil engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale)
- a four-year bachelor degree in any engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

### Civil and management stream - 2-year program

You'll need:

- a completed, recognised three- or four-year full-time equivalent bachelor degree in civil engineering or engineering technology (in civil engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale).

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Master of Professional Engineering you must complete 192 credit points of course units consisting of:

- 84 credit points of core units, including: advanced research skills and research-based project unitstwo professional practice unitsan advanced discipline unitan engineering design unit
- 108 credit points of discipline units

## Master of Professional Engineering (Civil)

from your specialisation, to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area. You should select different unit if you have completed a similar or equivalent unit in your previous studies.

You are also required to undertake 60 days of approved work experience in the engineering environment as part of your Work Integrated Learning.

### International Course structure

To graduate with a Master of Professional Engineering you must complete 192 credit points of course units consisting of:

- 84 credit points of core units, including: advanced research skills and research-based project unit two professional practice unit an advanced discipline unit an engineering design unit
- 108 credit points of discipline units from your specialisation, to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area. You should select different unit if you have completed a similar or equivalent unit in your previous studies.

You are also required to undertake 60 days of approved work experience in the engineering environment as part of your Work Integrated Learning.

### Sample Structure Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Select 108CP \(9 units\) from the Civil Engineering Unit Options List](#)

Code	Title
<b>Year 1, Semester 1</b>	
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
<b>Year 1, Semester 2</b>	
EGH479	Advances in Civil Engineering Practice
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
OR Discipline Option Unit (select only if	

PMN610 is completed)	
Discipline Option Unit	
<b>Year 2, Semester 1</b>	
ENN541	Research Methods for Engineers
ENN592-1	Project 1
Discipline Option Unit	
Discipline Option Unit	
<b>Year 2, Semester 2</b>	
ENN543	Data Analytics and Optimisation
ENN592-2	Project 2
Discipline Option Unit	
Discipline Option Unit	
<b>Select 108CP (9 units) from the Civil Engineering Unit Options List</b>	
EGB473	Composite Structures
EGB475	Advanced Structural Analysis
EGB476	Advanced Steel Design
EGB479	Advanced Transport Engineering
EGB481	Infrastructure Asset Management
EGB482	Contracting and Construction Regulations
EGB485	Finite Element Analysis
EGB489	Advanced Transport Modelling
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
MXN500	Statistical Data Analysis
EGH475	Advanced Concrete Structures

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Select 48CP \(4 units\) Mandatory for Civil and Construction](#)
- [Select 60CP \(5 units\) from the Civil and Construction Unit Options List](#)

Code	Title
<b>Year 1, Semester 1</b>	
PMN610	Project Management Principles
OR Discipline Option Unit	
Select from Mandatory Units List	
Discipline Option Unit	
Discipline Option Unit	
<b>Year 1, Semester 2</b>	
ENN544	Sustainable Practice in

Engineering	
EGH479	Advances in Civil Engineering Practice
PMN610	Project Management Principles
OR Discipline Option Unit (select only if PMN610 is completed)	
Select from Mandatory Units List	
<b>Year 2, Semester 1</b>	
ENN541	Research Methods for Engineers
ENN592-1	Project 1
Select from Mandatory Units List	
Discipline Option Unit	
<b>Year 2, Semester 2</b>	
ENN543	Data Analytics and Optimisation
ENN592-2	Project 2
Select from Mandatory Units List	
Discipline Option Unit	
<b>Select 48CP (4 units) Mandatory for Civil and Construction</b>	
ENN510	Engineering Knowledge Management
UXH411	Programming and Scheduling
Select either:	
ENN530	Asset and Facility Management
OR	
ENN515	Total Quality Management
[ENN530 and ENN515 are alternate unit options.]	
Select either:	
UXH410	Strategic Construction Management
OR	
EGB482	Contracting and Construction Regulations
[UXH410 and EGB482 are alternate unit options.]	
<b>Select 60CP (5 units) from the Civil and Construction Unit Options List</b>	
EGB482	Contracting and Construction Regulations
EGB479	Advanced Transport Engineering
EGB475	Advanced Structural Analysis
EGB489	Advanced Transport Modelling
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
MXN500	Statistical Data Analysis

## Master of Professional Engineering (Civil)

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 1](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 2](#)
- [Select 60CP \(5 units\) from the Civil Strand Options List](#)

Code	Title
<b>Year 1, Semester 1</b>	
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
<b>Year 1, Semester 2</b>	
ENN544	Sustainable Practice in Engineering
EGH479	Advances in Civil Engineering Practice
PMN610	Project Management Principles
OR Discipline Option Unit (select only if PMN610 is completed)	
Discipline Option Unit	
<b>Year 2, Semester 1</b>	
ENN541	Research Methods for Engineers
ENN593-1	Project 1
Discipline Option Unit	
Discipline Option Unit	
<b>Year 2, Semester 2</b>	
ENN570	Enterprise Resource Planning
ENN593-2	Project 2
Discipline Option Unit	
Discipline Option Unit	
<b>Select 24CP (2 units) from the Engineering Management Unit Options List 1</b>	
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
<b>Select 24CP (2 units) from the Engineering Management Unit Options List 2</b>	
AMN430	International Logistics Management
ENN510	Engineering Knowledge Management

ENN515	Total Quality Management
ENN530	Asset and Facility Management
MGN409	Management Theory and Practice
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance
<b>Select 60CP (5 units) from the Civil Strand Options List</b>	
EGB473	Composite Structures
EGB475	Advanced Structural Analysis
EGB476	Advanced Steel Design
EGB479	Advanced Transport Engineering
EGB481	Infrastructure Asset Management
EGB482	Contracting and Construction Regulations
EGB485	Finite Element Analysis
EGB489	Advanced Transport Modelling
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
MXN500	Statistical Data Analysis
EGH475	Advanced Concrete Structures

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Select 60CP \(5 units\) from Civil Engineering Unit Options List 1](#)

Code	Title
<b>Year 1, Semester 1</b>	
PMN610	Project Management Principles
ENN541	Research Methods for Engineers
Discipline Option Unit	
Discipline Option Unit	
<b>Year 1, Semester 2</b>	
ENN544	Sustainable Practice in Engineering
EGH479	Advances in Civil Engineering Practice
ENN543	Data Analytics and Optimisation
ENN592-1	Project 1
<b>Year 2, Semester 1</b>	

ENN592-2	Project 2
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
<b>Select 60CP (5 units) from Civil Engineering Unit Options List 1</b>	
EGB473	Composite Structures
EGB475	Advanced Structural Analysis
EGB476	Advanced Steel Design
EGB479	Advanced Transport Engineering
EGB481	Infrastructure Asset Management
EGB482	Contracting and Construction Regulations
EGB485	Finite Element Analysis
EGB489	Advanced Transport Modelling
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
MXN500	Statistical Data Analysis
EGH475	Advanced Concrete Structures

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Select 48CP \(4 units\) Mandatory for Civil and Construction](#)
- [Select 12CP \(1 unit\) from the Civil and Construction Unit Options List](#)

Code	Title
<b>Year 1, Semester 1</b>	
PMN610	Project Management Principles
ENN541	Research Methods for Engineers
Select from Mandatory Units List	
Select from Mandatory Units List	
<b>Year 1, Semester 2</b>	
EGH479	Advances in Civil Engineering Practice
ENN544	Sustainable Practice in Engineering
ENN543	Data Analytics and Optimisation
ENN592-1	Project 1
<b>Year 2, Semester 1</b>	
ENN592-2	Project 2
Select from Mandatory Units List	
Select from Mandatory Units List	

## Master of Professional Engineering (Civil)

Discipline Option Unit	
Select 48CP (4 units) Mandatory for Civil and Construction	
ENN510	Engineering Knowledge Management
UXH411	Programming and Scheduling
Select either:	
ENN530	Asset and Facility Management
OR	
ENN515	Total Quality Management
[ENN530 and ENN515 are alternate unit options.]	
Select either:	
UXH410	Strategic Construction Management
OR	
EGB482	Contracting and Construction Regulations
[UXH410 and EGB482 are alternate unit options.]	
Select 12CP (1 unit) from the Civil and Construction Unit Options List	
EGB482	Contracting and Construction Regulations
EGB479	Advanced Transport Engineering
EGB475	Advanced Structural Analysis
EGB489	Advanced Transport Modelling
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
MXN500	Statistical Data Analysis

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 1](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 2](#)
- [Select 12CP \(1 units\) from the Civil Strand Options List](#)

Code	Title
Year 1, Semester 1	
PMN610	Project Management Principles
ENN541	Research Methods for Engineers
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
ENN544	Sustainable Practice in Engineering

EGH479	Advances in Civil Engineering Practice
ENN570	Enterprise Resource Planning
ENN593-1	Project 1
Year 2, Semester 1	
ENN593-2	Project 2
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Select 24CP (2 units) from the Engineering Management Unit Options List 1	
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
Select 24CP (2 units) from the Engineering Management Unit Options List 2	
AMN430	International Logistics Management
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
MGN409	Management Theory and Practice
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance
Select 12CP (1 units) from the Civil Strand Options List	
EGB473	Composite Structures
EGB475	Advanced Structural Analysis
EGB476	Advanced Steel Design
EGB479	Advanced Transport Engineering
EGB481	Infrastructure Asset Management
EGB482	Contracting and Construction Regulations
EGB485	Finite Element Analysis
EGB489	Advanced Transport Modelling
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
EGH475	Advanced Concrete Structures

MXN500	Statistical Data Analysis
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Year	2022
QUT code	EN55
CRICOS	096754G
Duration (full-time domestic)	1.5 - 2 years
Duration (full-time international)	2 years
Duration (part-time domestic)	3 - 4 years
Campus	Gardens Point
Domestic fee (indicative)	2022: \$33,200 per year full-time (96 credit points)
International fee (indicative)	2022: \$38,400 per year full-time (96 credit points)
Total credit points	192
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Electrical major - 1.5-year program

A recognised four-year full-time (or equivalent) bachelor degree in the electrical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

## Electrical major - 2-year program

- A recognised three-year full-time (or equivalent) bachelor degree of engineering or engineering technology in the electrical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale); or
- A recognised four-year full-time (or equivalent) bachelor degree in any other engineering discipline with a minimum GPA of 4.0 or higher (on QUT's 7 point scale).

## Electrical and management major - 1.5-year program

A recognised four-year full-time (or equivalent) bachelor degree in the electrical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

## Electrical and management stream - 2-year program

A recognised three-year full-time (or equivalent) bachelor degree of engineering or engineering technology in the electrical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

## International Entry requirements

### Electrical, and electrical and management stream - 1.5-year program

You'll need:

- a completed, recognised four-year full-time equivalent bachelor degree in the electrical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

### Electrical stream - 2-year program

You'll need a completed, recognised full-time equivalent of either:

- a three-year bachelor degree in electrical engineering or engineering technology (in electrical engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale)
- a four-year bachelor degree in any

engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

## Electrical and management stream - 2-year program

You'll need:

- a completed, recognised three- or four-year full-time equivalent bachelor degree in electrical engineering or engineering technology (in electrical engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale).

## Minimum English requirements

Students must meet the English proficiency requirements.

### IELTS (International English Language Testing System)

Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Master of Professional Engineering you must complete 192 credit points of course units consisting of:

- 84 credit points of core units, including: advanced research skills and research-based project unitstwo professional practice unitsan advanced discipline unitan engineering design unit
- 108 credit points of discipline units from your specialisation, to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area. You should select different unit if you have completed a similar or equivalent unit in your previous studies.

You are also required to undertake 60 days of approved work experience in the engineering environment as part of your Work Integrated Learning.

## International Course structure

To graduate with a Master of Professional Engineering you must complete 192 credit points of course units consisting of:

- 84 credit points of core units, including: advanced research skills and research-based project unitstwo professional practice unitsan advanced discipline unitan

## Master of Professional Engineering (Electrical)

engineering design unit

- 108 credit points of discipline units from your specialisation, to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area. You should select different unit if you have completed a similar or equivalent unit in your previous studies.

You are also required to undertake 60 days of approved work experience in the engineering environment as part of your Work Integrated Learning.

### Sample Structure Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Select 108CP \(9 units\) from across the range of specialist areas:](#)

Code	Title
<b>Year 1, Semester 1</b>	
EGB340	Design and Practice
	Discipline Option Unit
	Discipline Option Unit
	Discipline Option Unit
<b>Year 1, Semester 2</b>	
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
	OR Discipline Option Unit
	Discipline Option Unit
	Discipline Option Unit
<b>Year 2, Semester 1</b>	
ENN541	Research Methods for Engineers
PMN610	Project Management Principles
	OR Discipline Option Unit (select only in PMN610 is completed)
ENN592-1	Project 1
	Discipline Option Unit
<b>Year 2, Semester 2</b>	
ENN543	Data Analytics and Optimisation
ENN592-2	Project 2
	Discipline Option Unit
	Discipline Option Unit
<b>Select 108CP (9 units) from across the range of specialist areas:</b>	
The units are grouped in areas to assist you in focusing your studies. You can choose units from across the areas.	

POWER units:	
EGH441	Power System Modelling
EGH448	Power Electronics
EGH454	Power Systems Management with Renewable & Storage Resources
EGH440 has been discontinued and replaced with EGH454	
NETWORKS AND COMMUNICATIONS units:	
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
ENN523	Advanced Network Engineering
ENN524	Mobile Network Engineering
CONTROL SYSTEMS units:	
EGH445	Modern Control
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
ELECTRONICS units:	
CAB420	Machine Learning
EGB439	Advanced Robotics
EGH449	Advanced Electronics
EGH456	Embedded Systems

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 1](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 2](#)
- [Select 60CP \(5 units\) from the Electrical Strand Option List](#)

Code	Title
<b>Year 1, Semester 1</b>	
EGB340	Design and Practice
	Discipline Option Unit
	Discipline Option Unit
	Discipline Option Unit
<b>Year 1, Semester 2</b>	
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
	OR Discipline Option Unit
	Discipline Option Unit
	Discipline Option Unit
<b>Year 2, Semester 1</b>	

ENN541	Research Methods for Engineers
PMN610	Project Management Principles
OR Discipline Option Unit	
ENN593-1	Project 1
Discipline Option Unit	
<b>Year 2, Semester 2</b>	
ENN570	Enterprise Resource Planning
ENN593-2	Project 2
Discipline Option Unit	
Discipline Option Unit	
<b>Select 24CP (2 units) from the Engineering Management Unit Options List 1</b>	
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
<b>Select 24CP (2 units) from the Engineering Management Unit Options List 2</b>	
AMN430	International Logistics Management
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance
<b>Select 60CP (5 units) from the Electrical Strand Option List</b>	
The units are grouped in areas to assist you in focusing your studies. You can choose units from across the areas.	
POWER units:	
EGH441	Power System Modelling
EGH448	Power Electronics
EGH454	Power Systems Management with Renewable & Storage Resources
EGH440 has been discontinued and replaced with EGH454	
NETWORKS AND COMMUNICATIONS units:	
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image

## Master of Professional Engineering (Electrical)

	Processing
ENN523	Advanced Network Engineering
ENN524	Mobile Network Engineering
CONTROL SYSTEMS units:	
EGH445	Modern Control
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
ELECTRONICS unit:	
EGB439	Advanced Robotics
EGH449	Advanced Electronics
EGH456	Embedded Systems
CAB420	Machine Learning

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Select 60CP \(5 units\) from across the range of specialist areas:](#)

Code	Title
Year 1, Semester 1	
EGB340	Design and Practice
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
ENN541	Research Methods for Engineers
ENN543	Data Analytics and Optimisation
ENN544	Sustainable Practice in Engineering
ENN592-1	Project 1
Year 2, Semester 1	
ENN592-2	Project 2
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Select 60CP (5 units) from across the range of specialist areas:	
The units are grouped in areas to assist you in focusing your studies. You can choose units from across the areas.	
POWER units:	
EGH441	Power System Modelling
EGH448	Power Electronics
EGH454	Power Systems Management with Renewable & Storage Resources

EGH440 has been discontinued and replaced with EGH454	
NETWORKS AND COMMUNICATIONS units:	
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
ENN523	Advanced Network Engineering
ENN524	Mobile Network Engineering
CONTROL SYSTEMS units:	
EGH445	Modern Control
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
ELECTRONICS units:	
CAB420	Machine Learning
EGB439	Advanced Robotics
EGH449	Advanced Electronics
EGH456	Embedded Systems

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 1](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 2](#)
- [Select 12CP \(1 unit\) from the Electrical Strand Option List](#)

Code	Title
Year 1, Semester 1	
EGB340	Design and Practice
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
ENN541	Research Methods for Engineers
ENN544	Sustainable Practice in Engineering
ENN570	Enterprise Resource Planning
ENN593-1	Project 1
Year 2, Semester 1	
ENN593-2	Project 2
PMN610	Project Management Principles
OR Discipline Option Unit	

Discipline Option Unit	
Discipline Option Unit	
Select 24CP (2 units) from the Engineering Management Unit Options List 1	
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
Select 24CP (2 units) from the Engineering Management Unit Options List 2	
AMN430	International Logistics Management
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
MGN409	Management Theory and Practice
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance
Select 12CP (1 unit) from the Electrical Strand Option List	
The units are grouped in areas to assist you in focusing your studies. You can choose units from across the areas.	
POWER units:	
EGH441	Power System Modelling
EGH448	Power Electronics
EGH454	Power Systems Management with Renewable & Storage Resources
EGH440 has been discontinued and replaced with EGH454	
NETWORKS AND COMMUNICATIONS units:	
EGH442	RF Techniques and Applications
EGH443	Advanced Telecommunications
EGH444	Digital Signals and Image Processing
ENN523	Advanced Network Engineering
ENN524	Mobile Network Engineering
CONTROL SYSTEMS units:	
EGH445	Modern Control
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
ELECTRONICS unit:	

## Master of Professional Engineering (Electrical)

CAB420	Machine Learning
EGB439	Advanced Robotics
EGH449	Advanced Electronics
EGH456	Embedded Systems



Year	2022
QUT code	EN55
CRICOS	096754G
Duration (full-time domestic)	1.5 - 2 years
Duration (full-time international)	2 years
Duration (part-time domestic)	3 - 4 years
Campus	Gardens Point
Domestic fee (indicative)	2022: \$33,200 per year full-time (96 credit points)
International fee (indicative)	2022: \$38,400 per year full-time (96 credit points)
Total credit points	192
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements Mechanical major - 1.5-year program

A recognised four-year full-time (or equivalent) bachelor degree in the mechanical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

## Mechanical major - 2-year program

- A recognised three-year full-time (or equivalent) bachelor degree of engineering or engineering technology in the mechanical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale); or
- A recognised four-year full-time (or equivalent) bachelor degree in any other engineering discipline with a minimum GPA of 4.0 or higher (on QUT's 7 point scale).

## Mechanical and management major - 1.5-year program

A recognised four-year full-time (or equivalent) bachelor degree in the mechanical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

## Mechanical and management stream - 2-year program

A recognised three-year full-time (or equivalent) bachelor degree of engineering or engineering technology in the mechanical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

## International Entry requirements

### Mechanical, and mechanical and management streams - 1.5-year program

You'll need:

- a completed recognised four-year full-time equivalent bachelor degree in the mechanical engineering discipline with a minimum GPA of 4.0 (on QUT's 7 point scale).

### Mechanical stream - 2-year program

You'll need a completed recognised full-time equivalent of either:

- a three-year bachelor degree in mechanical engineering or engineering technology (in mechanical engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale)

- a four-year bachelor degree in any engineering discipline with a minimum GPA of 4.0 or higher (on QUT's 7 point scale).

## Mechanical and management stream - 2-year program

You'll need:

- a completed recognised three- or four-year full-time bachelor degree in mechanical engineering or engineering technology (in mechanical engineering) with a minimum GPA of 4.0 (on QUT's 7 point scale).

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

To graduate with a Master of Professional Engineering you must complete 192 credit points of course units consisting of:

- 84 credit points of core units, including: advanced research skills and research-based project unitstwo professional practice unitsan advanced discipline unitan engineering design unit
- 108 credit points of discipline units from your specialisation, to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area. You should select different unit if you have completed a similar or equivalent unit in your previous studies.

You are also required to undertake 60 days of approved work experience in the engineering environment as part of your Work Integrated Learning.

## International Course structure

To graduate with a Master of Professional Engineering you must complete 192 credit points of course units consisting of:

- 84 credit points of core units, including: advanced research skills and research-based project unitstwo professional practice unitsan

## Master of Professional Engineering (Mechanical)

advanced discipline unit  
engineering design unit

- 108 credit points of discipline units from your specialisation, to be selected from a list of options.

Option units provide added depth and breadth in your chosen discipline area. You should select different unit if you have completed a similar or equivalent unit in your previous studies.

You are also required to undertake 60 days of approved work experience in the engineering environment as part of your Work Integrated Learning.

### Sample Structure Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Select 72CP \(6 units\) from the Mechanical Engineering Unit Options List 1](#)
- [Select 36CP \(3 units\) from the Mechanical Engineering Unit Options List 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
EGB316	Design of Machine Elements
	Discipline Option Unit
	Discipline Option Unit
	Discipline Option Unit
<b>Year 1, Semester 2</b>	
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
	OR Discipline Option Unit
	Discipline Option Unit
	Discipline Option Unit
<b>Year 2, Semester 1</b>	
ENN541	Research Methods for Engineers
ENN592-1	Project 1
PMN610	Project Management Principles
	OR Discipline Option Unit
	Discipline Option Unit
<b>Year 2, Semester 2</b>	
ENN543	Data Analytics and Optimisation
ENN592-2	Project 2
	Discipline Option Unit
	Discipline Option Unit
Select 72CP (6 units) from the Mechanical Engineering Unit Options	

List 1	
EGB415	Motor Racing Vehicle Design
EGB422	Energy Management and Sustainability
EGB423	Heating, Ventilation and Air Conditioning
EGB435	Advanced Manufacturing and Industrial Automation
EGB485	Finite Element Analysis
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Heat Transfer
EGH423	Fluid Dynamics
ENN531	Advanced Materials and Engineering Applications
ENN532	Safety and Environmental Management
The following unit options have been discontinued but will still count as Mechanical Engineering Unit Options 1 if already completed:	
EGB424	Advanced Computational Fluid Dynamics (disc 31/12/2020)
EGB436	Industrial Automation (disc 31/12/2021)
ENN552	Solar Thermal Systems - Heat and Power (last offered 2018, disc 30/06/2022)
ENN553	Energy Optimised Buildings and Communities (last offered 2019, disc 30/06/2022)
Select 36CP (3 units) from the Mechanical Engineering Unit Options List 2	
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Heat Transfer
EGH423	Fluid Dynamics
ENN531	Advanced Materials and Engineering Applications
The following unit options have been discontinued but will still count as Mechanical Engineering Unit Options 2 if already completed:	
ENN552	Solar Thermal Systems - Heat and Power (last offered 2018, disc 30/06/2022)
ENN553	Energy Optimised Buildings and Communities (last offered 2019, disc 30/06/2022)

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 1](#)

### Options List 1

- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 2](#)
- [Select 60CP \(5 units\) from the Mechanical Strand Option List](#)

Code	Title
<b>Year 1, Semester 1</b>	
EGB316	Design of Machine Elements
	Discipline Option Unit
	Discipline Option Unit
	Discipline Option Unit
<b>Year 1, Semester 2</b>	
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
	OR Discipline Option Unit
	Discipline Option Unit
	Discipline Option Unit
<b>Year 2, Semester 1</b>	
ENN541	Research Methods for Engineers
PMN610	Project Management Principles
	OR Discipline Option Unit
ENN593-1	Project 1
	Discipline Option Unit
<b>Year 2, Semester 2</b>	
ENN570	Enterprise Resource Planning
ENN593-2	Project 2
	Discipline Option Unit
	Discipline Option Unit
Select 24CP (2 units) from the Engineering Management Unit Options List 1	
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
Select 24CP (2 units) from the Engineering Management Unit Options List 2	
AMN430	International Logistics Management
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
MGN409	Management Theory and Practice
PMN504	People and Projects
PMN601	Projects and Performance

## Master of Professional Engineering (Mechanical)

The following unit options have been discontinued but will still count as Engineering Management Unit Options 2 if already completed:

MGN441 Coaching for Leadership Development (disc 31/12/2020)

MGN505 Consulting and Change Management (disc 31/12/2020)

Select 60CP (5 units) from the Mechanical Strand Option List

EGB415 Motor Racing Vehicle Design

EGB422 Energy Management and Sustainability

EGB423 Heating, Ventilation and Air Conditioning

EGB435 Advanced Manufacturing and Industrial Automation

EGB485 Finite Element Analysis

ENN532 Safety and Environmental Management

EGH414 Stress Analysis

EGH420 Mechanical Systems Design

EGH421 Vibration and Control

EGH422 Heat Transfer

EGH423 Fluid Dynamics

ENN531 Advanced Materials and Engineering Applications

The following unit options have been discontinued but will still count as Mechanical Strand options if already completed:

EGB424 Advanced Computational Fluid Dynamics (disc 31/12/2020)

EGB436 Industrial Automation (disc 31/12/2021)

ENN552 Solar Thermal Systems - Heat and Power (last offered 2018, disc 30/06/2022)

ENN553 Energy Optimised Buildings and Communities (last offered 2019, disc 30/06/2022)

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Select 24CP \(2 units\) from the Mechanical Engineering Unit Options List 1](#)
- [Select 36CP \(3 units\) from the Mechanical Engineering Unit Options List 2](#)

Code	Title
<b>Year 1, Semester 1</b>	
EGB316	Design of Machine Elements
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	

### Year 1, Semester 2

ENN541	Research Methods for Engineers
ENN543	Data Analytics and Optimisation
ENN544	Sustainable Practice in Engineering
ENN592-1	Project 1

### Year 2, Semester 1

ENN592-2	Project 2
PMN610	Project Management Principles

OR Discipline Option Unit

Discipline Option Unit

Discipline Option Unit

Select 24CP (2 units) from the Mechanical Engineering Unit Options List 1

EGB415 Motor Racing Vehicle Design

EGB422 Energy Management and Sustainability

EGB423 Heating, Ventilation and Air Conditioning

EGB435 Advanced Manufacturing and Industrial Automation

EGB485 Finite Element Analysis

EGH414 Stress Analysis

EGH420 Mechanical Systems Design

EGH421 Vibration and Control

EGH422 Heat Transfer

EGH423 Fluid Dynamics

EGH463 Process Design

ENN531 Advanced Materials and Engineering Applications

ENN532 Safety and Environmental Management

The following unit options have been discontinued but will still count will still count as Mechanical Engineering Unit Options 1 if already completed:

EGB424 Advanced Computational Fluid Dynamics (disc 31/12/2020)

EGB436 Industrial Automation (disc 31/12/2021)

ENN552 Solar Thermal Systems - Heat and Power (last offered 2018, disc 30/06/2022)

ENN553 Energy Optimised Buildings and Communities (last offered 2019, disc 30/06/2022)

Select 36CP (3 units) from the Mechanical Engineering Unit Options List 2

EGH414 Stress Analysis

EGH420 Mechanical Systems Design

EGH421 Vibration and Control

EGH422	Heat Transfer
EGH423	Fluid Dynamics
EGH463	Process Design
ENN531	Advanced Materials and Engineering Applications

The following unit options have been discontinued but will still count as Mechanical Engineering Unit Options 2 if already completed:

ENN552 Solar Thermal Systems - Heat and Power (last offered 2018, disc 30/06/2022)

ENN553 Energy Optimised Buildings and Communities (last offered 2019, disc 30/06/2022)

### Semesters

- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 1](#)
- [Select 24CP \(2 units\) from the Engineering Management Unit Options List 2](#)
- [Select 12CP \(1 unit\) from the Mechanical Strand Option List](#)

Code	Title
<b>Year 1, Semester 1</b>	
EGB316	Design of Machine Elements
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
<b>Year 1, Semester 2</b>	
ENN541	Research Methods for Engineers
ENN544	Sustainable Practice in Engineering
ENN570	Enterprise Resource Planning
ENN593-1	Project 1
<b>Year 2, Semester 1</b>	
ENN593-2	Project 2
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Select 24CP (2 units) from the Engineering Management Unit Options List 1	
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility

## Master of Professional Engineering (Mechanical)

Management	
Select 24CP (2 units) from the Engineering Management Unit Options List 2	
AMN430	International Logistics Management
ENN510	Engineering Knowledge Management
ENN515	Total Quality Management
ENN530	Asset and Facility Management
MGN409	Management Theory and Practice
PMN504	People and Projects
PMN601	Projects and Performance
The following unit options have been discontinued but will still count as Engineering Management Unit Options 2 if already completed:	
MGN441 Coaching for Leadership Development (disc 31/12/2020)	
MGN505 Consulting and Change Management (disc 31/12/2020)	
Select 12CP (1 unit) from the Mechanical Strand Option List	
EGB415	Motor Racing Vehicle Design
EGB422	Energy Management and Sustainability
EGB423	Heating, Ventilation and Air Conditioning
EGB435	Advanced Manufacturing and Industrial Automation
EGB485	Finite Element Analysis
ENN532	Safety and Environmental Management
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Heat Transfer
EGH423	Fluid Dynamics
ENN531	Advanced Materials and Engineering Applications
The following unit options have been discontinued but will still count towards the Mechanical Strand Options if already completed:	
EGB424 Advanced Computational Fluid Dynamics (disc 31/12/2020)	
EGB436 Industrial Automation (disc 31/12/2021)	
ENN552 Solar Thermal Systems - Heat and Power (last offered 2018, disc 30/06/2022)	
ENN553 Energy Optimised Buildings and Communities (last offered 2019, disc 30/06/2022)	

Year	2022
QUT code	PM20
CRICOS	084927B
Duration (full-time domestic)	1.5 - 1 years
Duration (full-time international)	1.5 years
Duration (part-time domestic)	3 - 2 years
Campus	Gardens Point
Domestic fee (indicative)	2022: \$24,000 per year full-time (96 credit points)
International fee (indicative)	2022: \$34,500 per year full-time (96 credit points)
Total credit points	144
Credit points full-time sem.	48
Start months	July, February February and July - 1 year program July - 1.5 year program
Int. Start Months	July, February February and July - 1 year program July - 1.5 year program
Course Coordinator	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements 1.5 year program (July start)

- A recognised bachelor degree (or higher) in engineering, built environment or business; *or*
- A recognised bachelor degree (or higher) in any discipline *and* at least 6 months (full-time or equivalent) professional project management work experience; *or*
- A recognised diploma or higher in project or program management *and* at least two years full-time equivalent professional project management work experience; *or*
- Five years (full-time equivalent) professional project or program management work experience.

## 1 year program (February or July start)

- A recognised bachelor honours degree (or higher) in project management, engineering, built environment or business; *or*
- A recognised bachelor honours degree (or higher) in any other discipline *and* at least six months (full time equivalent) professional project management work experience; *or*
- Successful completion of QUT's [Graduate Certificate in Project Management](#) course.

## International Entry requirements

### Academic entry requirements

#### 1.5 year program

February: Not available for commencement

July: A completed recognised:

- bachelor degree (or higher) in engineering, built environment or business disciplines with a minimum grade point average (GPA) of 4.00 (or equivalent on QUT's 7 point scale); *or*
- bachelor degree in any discipline with a minimum grade point average (GPA) of 4.00 (or equivalent on QUT's 7 point scale); *and* at least 6 months (full-time or equivalent) working in project management. Students applying on the basis of work experience must submit a detailed CV, position details and employment statements; *or*

1 year program

February and July : A completed

recognised:

- 4 year bachelor in engineering or built environment disciplines with a minimum grade point average of 4.0 (on QUT's 7 point scale); *or*
- graduate certificate, graduate diploma or masters in engineering, built environment or business disciplines with a minimum grade point average of 4.0 (on QUT's 7 point scale); *or*
- graduate certificate, graduate diploma or masters in any discipline with a minimum grade point average of 4.0 (on QUT's 7 point scale) and at least 6 months (full-time or equivalent) working in project management. Students applying on the basis of work experience must submit a detailed CV, position details and employment statements; *or*
- Australian bachelor honours degree (or higher) in engineering, built environment or business disciplines with a minimum grade point average of 4.0 (on QUT's 7 point scale); *or*
- Australian bachelor honours degree (or higher) in any discipline with a minimum grade point average of 4.0 (on QUT's 7 point scale) and at least 6 months (full-time or equivalent) working in project management. Students applying on the basis of work experience must submit a detailed CV, position details and employment statements; *or*
- Successful completion of QUT's [Graduate Certificate of Project Management](#) course with a minimum grade point average (GPA) score of 4.00 (or equivalent on QUT's 7 point scale); *or*
- Successful completion of QUT's [Graduate Certificate in Communication for Engineering](#) with a minimum grade point average of 4.0 (on QUT's 7 point scale).

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Course Overview

The QUT Master of Project Management is designed for Project Managers and

project management cognate professionals from a wide range of industries; including engineering and the resources sector.

With this course you will gain the advanced discipline knowledge and skills to lead and project manage large and complex projects across multiple industry sectors.

Designed to offer flexible study choices, the course content is available in a variety of blended learning delivery modes including online, face to face on campus and block learning. See the Study Choices information below for more detail on how you can study this course.

### Course Design

The MPM is designed around a set of core project management topics that underpin the knowledge required for the more advanced discipline units. The course will provide you with the critical skills to apply advanced knowledge of contemporary project management research and practice, and creatively solve complex project management problems. You will learn to communicate effectively within various social, cultural and professional contexts across and within stakeholder and discipline groups. You will demonstrate leadership, effective management and co-ordination of project teams and be able to work independently, ethically and collaboratively.

The course structure consists of 144 credit points (12 units) arranged as follows:

1) 48 credit points (4 units) of core project management units:

Two of these units should be completed in this order: PMN501 Project Management Essentials 1, in the first half of the semester, followed by PMN502 Project Management Essentials 2 in the second half of the semester.

2) 96 credit points (8 units) of core advanced discipline units:

Your skills and knowledge are developed through the advanced discipline and 'Project Investigation' units and further honed in PMN608 Managing the Project, the capstone unit. PMN608 should be taken in the last semester of study.

### Study Choices

You can study PMN501, PMN502, PMN503 and PMN504 in the Master of Project Management internally on campus at Gardens Point or externally

Online. When you self-enrol in a unit you must select from the list of attendance modes available that matches how you wish to study that unit. If you select the online study mode for a unit, your studies will all take place electronically, off campus. If you select to study a unit internally, you will be required to attend scheduled classes on campus.

### Studying On Campus (Internally)

There are different ways you can study some project management units internally. You will be able to identify which type of internal study is offered when you self-enrol in a unit. If a unit is described as 'Internal' this typically indicates a standard delivery mode where classes will be scheduled each week for the duration of the specified teaching period. If a unit is described as Internal Block Mode, this indicates that it will be delivered in an intensive learning mode, such as whole day or weekend sessions or seminars. Please ensure you check your session dates.

### Special Course Requirements

Students wishing to undertake units through online study will require the necessary technology to facilitate this mode of study.

### Pathways to Further Study

The QUT Master of Project Management is located at Level 9 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant Doctoral level studies.

### International Combined Masters Packages

Students admitted to a combined masters pathway (BN87 + PM20 or EN50 + PM20) may progress to their second degree on completion of the first, and are referred to the combined package study plan for their chosen combination, available on the course websites. Separate awards are granted for each degree completed.

### Professional Membership

Endorsed by the Australian Institute of Project Management (AIPM).

### Domestic Course structure

The Master of Project Management is designed around a set of core project management topics that underpin the knowledge required for the more advanced discipline units. The course will provide you with the critical skills to apply advanced knowledge of contemporary project management research and

practice and creatively solve complex project management problems. You will learn to communicate effectively within various social, cultural and professional contexts across and within stakeholder and discipline groups. You will demonstrate leadership, effective management and coordination of project teams and be able to work independently, ethically and collaboratively.

The course structure consists of 144 credit points (12 units) arranged as follows:

1) 48 credit points (4 units) of core foundation units.

Two of these units should be completed in this order: PMN501 Project Management Essentials 1, in the first half of the semester, followed by PMN502 Project Management Essentials 2 in the second half of the semester.

2) 48 credit points (4 units) of core project management units including research - comprising investigation and project units (24cps) and a capstone unit (12cps).

3) 48 credit points (4 units) of advanced discipline units

Your skills and knowledge are developed through the advanced discipline and Project Investigation units and further honed in PMN608 Managing the Project, the capstone unit. PMN608 should be taken in the last semester of study.

### Pathways to further study

The QUT Master of Project Management is located at Level 9 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant doctoral level studies.

### International Course structure

The Master of Project Management is designed around a set of core project management topics that underpin the knowledge required for the more advanced discipline units. The course will provide you with the critical skills to apply advanced knowledge of contemporary project management research and practice and creatively solve complex project management problems. You will learn to communicate effectively within various social, cultural and professional contexts across and within stakeholder and discipline groups. You will demonstrate leadership, effective management and coordination of project

## Master of Project Management

teams and be able to work independently, ethically and collaboratively.

The course structure consists of 144 credit points (12 units) arranged as follows:

1) 48 credit points (4 units) of core foundation units.

Two of these units should be completed in this order: PMN501 Project Management Essentials 1, in the first half of the semester, followed by PMN502 Project Management Essentials 2 in the second half of the semester.

2) 48 credit points (4 units) of core project management units including research - comprising investigation and project units (24cps) and a capstone unit (12cps).

3) 48 credit points (4 units) of advanced discipline units

Your skills and knowledge are developed though the advanced discipline and 'Project Investigation' units and further honed in PMN608 Managing the Project, the capstone unit. PMN608 should be taken in the last semester of study.

### Pathways to further study

The QUT Master of Project Management is located at Level 9 of the Australian Qualifications Framework (AQF). Graduates may be eligible for discipline relevant doctoral level studies.

### Combined masters packages for international students

If you are admitted to either of:

- Master of Engineering and Master of Project Management package
- Master of Engineering Management and Master of Project Management package

you can progress to the second degree on completion of the first.

You will receive an award for each degree completed.

Refer to the combined package course structure of the relevant second year degree for unit details.

### Sample Structure Semesters

- [Year 1, Semester 2 \(July\)](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)

Code	Title
Year 1, Semester 2 (July)	

PMN501	Project Management Essentials 1
PMN502	Project Management Essentials 2
Core unit PMN501 is assumed knowledge for PMN502, and should be taken in the first half of the semester of study before attempting PMN502 in the second half of the semester.	
PMN503	Systems in Project Management
PMN504	People and Projects
<b>Year 2, Semester 1</b>	
PMN601	Projects and Performance
PMN603	Project Investigation 1
Discipline Unit Option	
Discipline Unit Option	
<b>Year 2, Semester 2</b>	
PMN606	Project Investigation 2
PMN608	Managing the Project
PMN608 is a capstone unit and should be taken in the last semester of study.	
Discipline Unit Option	
Discipline Unit Option	

#### Not for BN87 or EN50 graduands.

Code	Title
<b>Year 1, Semester 1</b>	
PMN601	Projects and Performance
PMN603	Project Investigation 1
Discipline Unit Option	
Discipline Unit Option	
<b>Year 1, Semester 2</b>	
PMN606	Project Investigation 2
PMN608	Managing the Project
Discipline Unit Option	
PMN608 is a capstone unit and should be taken in the last semester of study.	
Discipline Unit Option	

#### Not for BN87 or EN50 graduands.

Code	Title
<b>Year 1, Semester 2 (July)</b>	
PMN608	Managing the Project
PMN603	Project Investigation 1
Discipline Unit Option	
Discipline Unit Option	
<b>Year 2, Semester 1</b>	
PMN601	Projects and Performance
PMN606	Project Investigation 2
Discipline Unit Option	
Discipline Unit Option	

#### Combined Masters Package:

**Master of Engineering Management (BN87) plus Master of Project Management (PM20)**  
**Master of Engineering (EN50) plus Master of Project Management (PM20)**  
 If you are admitted to one of these pathways, once you successfully complete your Master of Engineering Management (BN87) or your Master of Engineering (EN50) including BEN610/PMN610 Project Management Principles, you may progress to the Master of Project Management (PM20) and **receive 48 credit points (1 semester) of advanced standing in PM20.**

Please follow the study plan for your combined package, and refer to the course site for further information regarding your second degree.

Code	Title
<b>Core Units to be completed under PM20</b>	
PMN601	Projects and Performance
PMN602	Organisations and Projects
PMN603	Project Investigation 1
PMN604	Strategy and Projects
PMN605	Strategic Project Procurement
PMN606	Project Investigation 2
PMN607	Strategic Risk Management
PMN608	Managing the Project

## Minimum English requirements

Students must meet the English proficiency requirements.

<b>Year</b>	2022
<b>QUT code</b>	PQ20
<b>Duration (full-time)</b>	1.5 years
<b>Domestic fee (indicative)</b>	2022: \$24,000 per year full-time (96 credit points)
<b>International fee (indicative)</b>	2022: \$34,500 per year full-time (96 credit points)
<b>Total credit points</b>	144
<b>Start months</b>	October, July, April, February
<b>Int. Start Months</b>	October, July, April, February
<b>Course Coordinator</b>	For more information email: askqut@qut.edu.au; ph: 07 3138 2000
<b>Discipline Coordinator</b>	AskQUT 07 3138 2000 askqut@qut.edu.au



Year	2022
QUT code	IF80
CRICOS	095410G
Duration (full-time domestic)	1.5 - 2 years
Duration (full-time international)	2 years
Duration (part-time domestic)	4 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2022: \$27,900 - \$34,600 per year full-time if you exceed the maximum time under RTP
International fee (indicative)	2022: \$30,300 - \$36,800 per year full-time
Total credit points	144
Start months	December, November, October, September, August, July, June, May, April, March, February, January
Int. Start Months	December, November, October, September, August, July, June, May, April, March, February, January
Course Coordinator	
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

To be eligible for this course, you need either:

- a completed recognised bachelor honours degree in a discipline relevant to your intended area of study or
- a completed recognised bachelor degree or equivalent in a discipline relevant to your intended area of study with: a minimum grade point average (GPA) score of 5.00 (on QUT's 7 point scale) relevant professional and/or research experience (as determined by the faculty).

Applications and proposed research projects are subject to supervisor availability and resources available within the faculty.

## International Entry requirements

To be eligible for this course, you need either:

- a completed recognised bachelor honours degree in a discipline relevant to your intended area of study or
- a completed recognised bachelor degree or equivalent in a discipline relevant to your intended area of study with: a minimum grade point average (GPA) score of 5.00 (on QUT's 7 point scale) relevant professional and/or research experience (as determined by the faculty).

Applications and proposed research projects are subject to supervisor availability and resources available within the faculty.

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

### Mandatory units

You'll need to complete:

- a time-based thesis
- IFN001 Advanced Information

Research Skills.

You may need to complete other units that are recommended by your faculty, negotiated with you and based on the skills gaps identified in your research degree skills audit.

## Study areas

Your faculty may have several specialisations (study areas) that your research will align with. This will appear on your testamur at graduation:

### Business

- Master of Philosophy (Accountancy)
- Master of Philosophy (Advertising)
- Master of Philosophy (Economics)
- Master of Philosophy (Entrepreneurship and Innovation)
- Master of Philosophy (Finance)
- Master of Philosophy (Human Resource Management)
- Master of Philosophy (International Business)
- Master of Philosophy (Management)
- Master of Philosophy (Marketing)
- Master of Philosophy (Philanthropy and Nonprofit Studies)
- Master of Philosophy (Public Relations)

### Creative Industries

- Master of Philosophy (Design)
- Master of Philosophy (Communication)
- Master of Philosophy (Creative Practice)

### Education

- Master of Philosophy (Education)

### Health

- Master of Philosophy (Biomedical Sciences)
- Master of Philosophy (Exercise Sciences)
- Master of Philosophy (Materiobiology)
- Master of Philosophy (Medical Radiations)
- Master of Philosophy (Nursing)
- Master of Philosophy (Nutrition and Dietetics)
- Master of Philosophy (Optometry)
- Master of Philosophy (Paramedicine)
- Master of Philosophy (Pharmacy)
- Master of Philosophy (Physical Education)
- Master of Philosophy (Podiatry)
- Master of Philosophy (Public Health)
- Master of Philosophy (Psychology)
- Master of Philosophy (Social Work)

# Master of Philosophy

## Law

- Master of Philosophy (Law)
- Master of Philosophy (Justice)

## Science and Engineering

- Master of Philosophy (Engineering)
- Master of Philosophy (Information Technology)
- Master of Philosophy (Magnetic Resonance in Medicine)
- Master of Philosophy (Mathematics)
- Master of Philosophy (Science)
- Master of Philosophy (Urban Development)

## International Course structure

### Mandatory units

You'll need to complete:

- a time-based thesis
- IFN001 Advanced Information Research Skills.

You may need to complete other units that are recommended by your faculty, negotiated with you and based on the skills gaps identified in your research degree skills audit.

### Study areas

Your faculty may have several specialisations (study areas) that your research will align with. This will appear on your testamur at graduation:

## Business

- Master of Philosophy (Accountancy)
- Master of Philosophy (Advertising)
- Master of Philosophy (Economics)
- Master of Philosophy (Entrepreneurship and Innovation)
- Master of Philosophy (Finance)
- Master of Philosophy (Human Resource Management)
- Master of Philosophy (International Business)
- Master of Philosophy (Management)
- Master of Philosophy (Marketing)
- Master of Philosophy (Philanthropy and Nonprofit Studies)
- Master of Philosophy (Public Relations)

## Creative Industries

- Master of Philosophy (Design)
- Master of Philosophy (Communication)
- Master of Philosophy (Creative Practice)

## Education

- Master of Philosophy (Education)

## Health

- Master of Philosophy (Biomedical Sciences)
- Master of Philosophy (Exercise Sciences)
- Master of Philosophy

- (Materiobiology)
- Master of Philosophy (Medical Radiations)
- Master of Philosophy (Nursing)
- Master of Philosophy (Nutrition and Dietetics)
- Master of Philosophy (Optometry)
- Master of Philosophy (Paramedicine)
- Master of Philosophy (Pharmacy)
- Master of Philosophy (Physical Education)
- Master of Philosophy (Podiatry)
- Master of Philosophy (Public Health)
- Master of Philosophy (Psychology)
- Master of Philosophy (Social Work)

## Law

- Master of Philosophy (Law)
- Master of Philosophy (Justice)

## Science and Engineering

- Master of Philosophy (Engineering)
- Master of Philosophy (Information Technology)
- Master of Philosophy (Magnetic Resonance in Medicine)
- Master of Philosophy (Mathematics)
- Master of Philosophy (Science)
- Master of Philosophy (Urban Development)

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	IF49
CRICOS	006367J
Duration (full-time domestic)	3 - 4 years
Duration (full-time international)	4 years
Campus	Kelvin Grove
Domestic fee (indicative)	2022: \$27,900 - \$34,600 per year full-time if you exceed the maximum time under RTP
International fee (indicative)	2022: \$30,300 - \$36,800 per year full-time
Total credit points	
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	December, November, October, September, August, July, June, May, April, March, February, January
Int. Start Months	December, November, October, September, August, July, June, May, April, March, February, January

Year	2022
QUT code	IF49
CRICOS	006367J
Duration (full-time domestic)	3 - 4 years
Duration (full-time international)	4 years
Campus	Kelvin Grove
Domestic fee (indicative)	2022: \$27,900 - \$34,600 per year full-time if you exceed the maximum time under RTP
International fee (indicative)	2022: \$30,300 - \$36,800 per year full-time
Total credit points	
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	December, November, October, September, August, July, June, May, April, March, February, January
Int. Start Months	December, November, October, September, August, July, June, May, April, March, February, January
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

### Academic entry requirements

You must have either:

- a completed recognised relevant honours degree (first class or second class Division A) or equivalent
- a completed recognised masters degree or professional doctorate (by research or coursework)

Masters and professional doctorate degrees by coursework must have a significant research component, normally not less than 25%. Holders of masters and professional doctorate by coursework must:

- have a minimum grade point average (GPA) score of 5.0 on QUT's 7 point scale
- present evidence of research experience and potential for approval.

Admission to the Doctor of Philosophy depends on an applicant's demonstrated research aptitude and the availability of supervision, infrastructure and resources needed for the proposed research project.

Once you've started your PhD, you'll need to complete your Stage 2 milestone to be fully admitted to your course. You'll usually complete this milestone within the first three months of study.

For more information on eligibility, read the [admission criteria for the Doctor of Philosophy \(PDF, 98.5KB\)](#).

## International Entry requirements

### Academic entry requirements

You must have either:

- a completed recognised relevant honours degree or equivalent
- a completed recognised masters degree or professional doctorate (by research or coursework)

Masters and professional doctorate degrees by coursework must have a significant research component, normally not less than 25%. Holders of masters and professional doctorate by coursework must:

- have a minimum grade point average (GPA) score of 5.0 on QUT's 7 point scale
- present evidence of research experience and potential for approval

Admission to the Doctor of Philosophy depends on an applicant's demonstrated

research aptitude and the availability of supervision, infrastructure and resources needed for the proposed research project.

Once you've started your PhD, you'll need to complete your Stage 2 milestone to be fully admitted to your course. You'll usually complete this milestone within the first three months of study.

For more information on eligibility, read the [admission criteria for the Doctor of Philosophy \(PDF, 98.5KB\)](#).

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

### Course design

#### Mandatory

- IFN001 Advanced Information Retrieval Skills
- Time-based thesis

Other units as agreed by student in negotiation with their supervisor and faculty.

## International Course structure

### Course design

#### Mandatory

- IFN001 Advanced Information Retrieval Skills
- Time-based thesis

Other units as agreed by student in negotiation with their supervisor and faculty.

Year	2022
QUT code	Uniwide
Total credit points	96
Discipline Coordinator	Phone: +61 7 3138 2000 Email: askqut@qut.edu.au

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	Uniwide
Total credit points	72
Discipline Coordinator	3138 2707 lawandjustice@qut.edu.au

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	Uniwide
Total credit points	96
Discipline Coordinator	Phone: +61 7 3138 2000 Email: askqut@qut.edu.au

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	Uniwide
Total credit points	96
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Minimum English requirements

Students must meet the English proficiency requirements.



Year	2022
QUT code	Uniwide
Total credit points	72
Discipline Coordinator	07 3138 2050 qut.languages@qut.edu.a u

### Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	Uniwide
Total credit points	72 or 96
Discipline Coordinator	3138 2707 lawandjustice@qut.edu.au

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	Uniwide
Total credit points	72
Discipline Coordinator	3138 2707 lawandjustice@qut.edu.a u

## Minimum English requirements

Students must meet the English proficiency requirements.



Year	2022
QUT code	Uniwide
Total credit points	96
Discipline Coordinator	07 3138 2050 bus@qut.edu.au

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	Uniwide
Total credit points	96
Discipline Coordinator	+61 7 3138 2000 askqut@qut.edu.au

## Minimum English requirements

Students must meet the English proficiency requirements.

Year	2022
QUT code	SQ02
Duration (part-time)	1 year
Campus	Gardens Point, Kelvin Grove
Total credit points	24
Credit points part-time sem.	12
Start months	July, February
Int. Start Months	July, February
Course Coordinator	startqut@qut.edu.au
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic Entry requirements

Edit in the CMS.

## International Entry requirements

Edit in the CMS.

## Minimum English requirements

Students must meet the English proficiency requirements.

## Domestic Course structure (Edit in the CMS)

You can enrol in one unit per semester, in addition to your Year 11/12 studies. You'll choose your unit once you've been offered a place in the program.

You can choose a unit from a different study area in each semester (for example, a science unit in Semester 1, and a business unit in Semester 2). This might be a good option if you are looking to study a double degree.

If you're hoping to receive advanced standing (credit) toward a degree for the units you complete, it's best to select those related to your chosen future study area. Your START QUT studies, including the grades you achieve, will be included as part of your official QUT record.

If you study a START QUT unit during semester 2, year 12 please note the result of this unit will not be available when your QCE is calculated but it will be available to QTAC when ATARs are released. QUT therefore recommends year 12 students complete all START QUT units before this.

## International Course structure (Edit in the CMS)

(Edit in the CMS)

You can enrol in one unit per semester, in addition to your Year 11/12 studies. You'll choose your unit once you've been offered a place in the program.

You can choose a unit from a different study area in each semester (for example, a science unit in Semester 1, and a business unit in Semester 2). This might be a good option if you are looking to study a double degree.

If you're hoping to receive advanced standing (credit) toward a degree for the units you complete, it's best to select

those related to your chosen future study area. Your START QUT studies, including the grades you achieve, will be included as part of your official QUT record.

If you study a START QUT unit during semester 2, year 12 please note the result of this unit will not be available when your QCE is calculated but it will be available to QTAC when ATARs are released. QUT therefore recommends year 12 students complete all START QUT units before this.

## Sample Structure

Numbers in each unit are limited and will be allocated based on a first come, first served basis. Some units are limited to femal students.

Code	Title
<b>Engineering</b>	
Engineering	
UXB100	Design-thinking for the Built Environment
EGB101	Engineering Design and Professional Practice
<b>Science</b>	
Information Technology	
IFB112	Design of Computer Systems
Science and Mathematics	
SEB104	Grand Challenges in Science

## Semesters

- [Business](#)
- [Creative Industries](#)
- [Education](#)
- [Engineering](#)
- [Health](#)
- [Justice](#)
- [Languages](#)
- [Law](#)
- [Science](#)

Code	Title
<b>Business</b>	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
BSB130	Social Enterprises
<b>Creative Industries</b>	
KNB125	Animation History and Context
KVB113	Australian Art and Identity
KNB127	CGI Foundations
KKB180	Creative Futures
KDB113	Dance Studies
DYB122	Design Visualisations

## START QUT

CWB102	Influence and Persuasion
CYB101	Introduction to Communication
KWB113	Introduction to Creative Writing
DFB102	Introduction to Fashion Communication
CYB102	Introduction to Media and Entertainment Industries
KPB101	Introduction to Screen Production
KPB116	Introduction to Screenwriting
CDB101	Managing Media and Entertainment
CCB101	Media Issues and Debates
KMB119	Music Production 1
CJB101	Newswriting
KVB104	Photo Media and Art Practice
KTB110	Plays that Changed the World
DXB110	Principles of Interaction Design
DVB101	Visual Communication Design
<b>Education</b>	
Education units offered through the START QUT program will not satisfy the prerequisites for entry to the Bachelor of Education courses. We recommend you check the prerequisites for the Bachelor of Education and are enrolled in these subjects at school before considering undertaking Education units in the START QUT program.	
EUB102	Education and Society
EUB104	Stepping In
EUB101	Supporting Innovative Pedagogy with Digital Technologies
<b>Engineering</b>	
Architecture and Built Environment	
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
UXB131	Planning and Design Practice
DYB112	Spatial Materiality
Engineering	
MZB126	Engineering Computation
MZB127	Engineering Mathematics and Statistics
EGB102	Fundamentals of Engineering Science
MZB125	Introductory Engineering Mathematics
<b>Health</b>	
PYB007	Communication for Health Professionals
SWB10	Contemporary Human Rights

5	
LQB186	Human Cell & Molecular Biology
NSB102	Professional Practice and Cultural Safety
PUB215	Public Health Practice
<b>Justice</b>	
Unit content warning: Justice units deal with criminology and may cover material relating to offences such as murder, drugs, rape and abuse. Guidance Officers are asked to make their students aware of this content and to only recommend these units to those who have the maturity to deal with such subject-matter.	
JSB171	Justice and Society
<b>Languages</b>	
AMB031	Mandarin 1
<b>Law</b>	
LLB101	Introduction to Law
<b>Science</b>	
Information Technology	
IFB104	Building IT Systems
IFB102	Introduction to Computer Systems
Science and Mathematics	
MXB105	Calculus and Differential Equations
MZB126	Engineering Computation
MZB127	Engineering Mathematics and Statistics
MXB100	Introductory Calculus and Algebra
MZB125	Introductory Engineering Mathematics
MXB106	Linear Algebra
MXB101	Probability and Stochastic Modelling 1

### Semesters

- [Business](#)
- [Creative Industries](#)
- [Education](#)
- [Health](#)
- [Justice](#)
- [Law](#)
- [Science](#)

Code	Title
<b>Business</b>	
BSB108	Business Environment
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
BSB105	The Future Enterprise
BSB130	Social Enterprises
<b>Creative Industries</b>	
KKB180	Creative Futures

DYB122	Design Visualisations
CWB102	Influence and Persuasion
CYB101	Introduction to Communication
KWB113	Introduction to Creative Writing
DFB102	Introduction to Fashion Communication
CYB102	Introduction to Media and Entertainment Industries
KPB101	Introduction to Screen Production
KPB116	Introduction to Screenwriting
CDB101	Managing Media and Entertainment
CCB101	Media Issues and Debates
KMB119	Music Production 1
CJB101	Newswriting
KTB110	Plays that Changed the World
KVB104	Photo Media and Art Practice
DXB110	Principles of Interaction Design
DVB101	Visual Communication Design
<b>Education</b>	
Education units offered through the START QUT program will not satisfy the prerequisites for entry to the Bachelor of Education courses. We recommend you check the prerequisites for the Bachelor of Education and are enrolled in these subjects at school before considering undertaking Education units in the START QUT program.	
EUB102	Education and Society
EUB104	Stepping In
EUB101	Supporting Innovative Pedagogy with Digital Technologies
<b>Health</b>	
PUB215	Public Health Practice
<b>Justice</b>	
Unit content warning: Justice units deal with criminology and may cover material relating to offences such as murder, drugs, rape and abuse. Guidance Officers are asked to make their students aware of this content and to only recommend these units to those who have the maturity to deal with such subject-matter.	
JSB171	Justice and Society
<b>Law</b>	
LLB101	Introduction to Law
<b>Science</b>	
Information Technology	
IFB104	Building IT Systems
IFB102	Introduction to Computer Systems

## START QUT

Science and Mathematics	
MXB105	Calculus and Differential Equations
MXB100	Introductory Calculus and Algebra

### Semesters

- [Business](#)
- [Creative Industries](#)
- [Education](#)
- [Engineering](#)
- [Health](#)
- [Justice](#)
- [Languages](#)
- [Law](#)
- [Science](#)

Code	Title
<b>Business</b>	
BSB108	Business Environment
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
BSB105	The Future Enterprise
BSB130	Social Enterprises
<b>Creative Industries</b>	
KNB127	CGI Foundations
KKB185	Creative Enterprise Studio 1
KDB123	Dance Legacies
DYB124	Design Consequences
KTB120	Diverse Theatre Practice
CYB102	Introduction to Media and Entertainment Industries
KPB101	Introduction to Screen Production
KPB116	Introduction to Screenwriting
CYB104	Managing Social Media
KMB129	Music Production 2
KVB104	Photo Media and Art Practice
KWB104	Writing the Short Story
<b>Education</b>	
Education units offered through the START QUT program will not satisfy the prerequisites for entry to the Bachelor of Education courses. We recommend you check the prerequisites for the Bachelor of Education and are enrolled in these subjects at school before considering undertaking Education units in the START QUT program.	
EUB112	Child and Adolescent Learning and Development
EUB154	Foundations of Science
EUB151	Nations and Nationalism in Modern Europe
EUB152	Teaching Young Adult Literature
EUB153	Thinking and Communicating Mathematically

EUB150	World Regions
<b>Engineering</b>	
Architecture and Built Environment	
DYB114	Spatial Histories
UXB133	Urban Studies
<b>Engineering</b>	
MZB127	Engineering Mathematics and Statistics
EGB102	Fundamentals of Engineering Science
MZB125	Introductory Engineering Mathematics
<b>Health</b>	
SWB108	Australian Society, Social Justice and Policy
PYB007	Communication for Health Professionals
PYB100	Foundation Psychology
PUB209	Health, Culture and Society
LSB258	Principles of Human Physiology
NSB105	Wellness Across the Lifespan
<b>Justice</b>	
Unit content warning: Justice units deal with criminology and may cover material relating to offences such as murder, drugs, rape and abuse. Guidance Officers are asked to make their students aware of this content and to only recommend these units to those who have the maturity to deal with such subject-matter.	
JSB178	Policy, Governance and Justice
JSB173	Understanding the Criminal Justice System
<b>Languages</b>	
AMB032	Mandarin 2
<b>Law</b>	
LLB101	Introduction to Law
<b>Science</b>	
Information Technology	
IFB104	Building IT Systems
IFB102	Introduction to Computer Systems
Science and Mathematics	
MXB105	Calculus and Differential Equations
ERB101	Earth Systems
MZB127	Engineering Mathematics and Statistics
ERB102	Evolving Earth
BVB101	Foundations of Biology
MXB100	Introductory Calculus and Algebra
MZB125	Introductory Engineering Mathematics

PVB101	Physics of the Very Large
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### Semesters

- [Business](#)
- [Creative Industries](#)
- [Education](#)
- [Health](#)
- [Justice](#)
- [Law](#)
- [Science](#)

Code	Title
<b>Business</b>	
BSB108	Business Environment
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
BSB105	The Future Enterprise
BSB130	Social Enterprises
<b>Creative Industries</b>	
KKB185	Creative Enterprise Studio 1
KTB120	Diverse Theatre Practice
CYB102	Introduction to Media and Entertainment Industries
KPB101	Introduction to Screen Production
KPB116	Introduction to Screenwriting
CYB104	Managing Social Media
KMB129	Music Production 2
KVB104	Photo Media and Art Practice
KWB104	Writing the Short Story
<b>Education</b>	
Education units offered through the START QUT program will not satisfy the prerequisites for entry to the Bachelor of Education courses. We recommend you check the prerequisites for the Bachelor of Education and are enrolled in these subjects at school before considering undertaking Education units in the START QUT program.	
EUB112	Child and Adolescent Learning and Development
<b>Health</b>	
PUB209	Health, Culture and Society
<b>Justice</b>	
Unit content warning: Justice units deal with criminology and may cover material relating to offences such as murder, drugs, rape and abuse. Guidance Officers are asked to make their students aware of this content and to only recommend these units to those who have the maturity to deal with such subject-matter.	
JSB178	Policy, Governance and Justice
JSB173	Understanding the Criminal Justice System



## START QUT

Law	
LLB101	Introduction to Law
Science	
Information Technology	
IFB104	Building IT Systems
IFB102	Introduction to Computer Systems
Science and Mathematics	
MXB105	Calculus and Differential Equations
MXB100	Introductory Calculus and Algebra

Year	2022
QUT code	DV43
CRICOS	103171B
Duration (full-time)	4.5 years
Duration (part-time domestic)	9 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Domestic fee (indicative)	2022: CSP \$8,100 per year full-time (96 credit points). The Master of Landscape Architecture is charged as a domestic tuition fee-paying course. FEE-HELP is available to eligible students.
International fee (indicative)	2022: \$33,500 per year full-time (96 credit points)
Total credit points	432
Credit points full-time sem.	48
Credit points part-time sem.	24
Start months	July, February
Int. Start Months	July, February
Deferment	You can defer your offer and postpone the start of your course for one year.
Course Coordinator	Program Director, School of Design
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

## Domestic 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)

## Minimum English requirements

Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)	
Overall	6.5
Listening	6.0
Reading	6.0
Writing	6.0
Speaking	6.0

## Domestic Course structure

This vertical double degree is made up of DV43 Bachelor of Design (Landscape Architecture) plus DE72 Master of Landscape Architecture. You will be able to progress on to the Master of Landscape Architecture upon successful completion of the bachelor degree. The full vertical double degree normally takes 4.5 years to complete full-time (3 years for the bachelor component plus 1.5 years for Master component).

To meet the course requirements for the Bachelor of Design (Landscape Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the landscape architecture discipline
- four school-wide impact lab units (48 credit points)
- four postgraduate landscape units (48 credit points)
- complementary studies, made up of a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

To meet the course requirements for the Master of Landscape Architecture, you must complete a total of 192 credit points, made up of:

- thirteen core units (192 credit points). Three of these units (72 credit points) are 24-credit-point Studio units.

Note: The four postgraduate landscape units completed in DV43 Bachelor of Design will contribute to the Master of Landscape Architecture leaving nine core units (144 credit points) remaining.

Some units may be offered fully online or online with a face-to-face component.

## 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.

## International Course structure

This vertical double degree is made up of DV43 Bachelor of Design (Landscape Architecture) plus DE72 Master of Landscape Architecture. You will be able to progress on to the Master of Landscape Architecture upon successful completion of the bachelor degree. The full vertical double degree normally takes 4.5 years to complete full-time (3 years for the bachelor component plus 1.5 years for Master component).

To meet the course requirements for the Bachelor of Design (Landscape Architecture), you must complete a total of 288 credit points, made up of:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the landscape architecture discipline
- four school-wide impact lab units (48 credit points)
- four postgraduate landscape units (48 credit points)
- complementary studies, made up of a minor, or a combination of design specialisation units and electives (unit options) (48 credit points).

To meet the course requirements for the Master of Landscape Architecture, you must complete a total of 192 credit points, made up of:

- thirteen core units (192 credit points). Three of these units (72 credit points) are 24-credit-point Studio units.

Note: The four postgraduate landscape units completed in DV43 Bachelor of Design will contribute to the Master of

# Bachelor of Design (Landscape Architecture)/Master of Landscape Architecture

Landscape Architecture leaving nine core units (144 credit points) remaining.

Some units may be offered fully online or online with a face-to-face component.

## 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.

## Sample Structure Semesters

- [Semester 1 \(February\) commencements](#)
- [DV43 Bachelor of Design component](#)
- [Year 1, Semester 1](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [DE72 Master of Landscape Architecture component](#)
- [Year 4, Semester 1](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Semester 2 \(July\) commencements](#)
- [DV43 Bachelor of Design component](#)
- [Year 1, Semester 2](#)
- [Year 2, Semester 1](#)
- [Year 2, Semester 2](#)
- [Year 3, Semester 1](#)
- [Year 3, Semester 2](#)
- [Year 4, Semester 1](#)
- [DE72 Master of Landscape Architecture component](#)
- [Year 4, Semester 2](#)
- [Year 5, Semester 1](#)
- [Year 5, Semester 2](#)

Code	Title
<b>Semester 1 (February) commencements</b>	
<b>DV43 Bachelor of Design component</b>	
<b>Year 1, Semester 1</b>	
DLB101	Landscape Studio 1
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
<b>Year 1, Semester 2</b>	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Note: Students considering studying	

overseas in Year 2 Semester 2 must apply by 1 November.	
<b>Year 2, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
A Complementary Studies unit	
A Complementary Studies unit	
<b>Year 2, Semester 2</b>	
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
A Complementary Studies unit	
<b>Year 3, Semester 1</b>	
DLB301	Landscape Ecology
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
<b>Year 3, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
DLN108	Planning and Policy for Contemporary Issues
DYN107	Decolonised Design
At the end of Year 3 Semester 2, upon successful completion of DV43 Bachelor of Design, you will receive an offer for DE72 Master of Landscape Architecture	
<b>DE72 Master of Landscape Architecture component</b>	
<b>Year 4, Semester 1</b>	
DLN101	Landscape Histories and Criticism
DLN104	Critical Ecologies
DLN111	Studio: Climate-Responsive Design
DYN203	Integrated Professional Practice
<b>Year 4, Semester 2</b>	
DLN115	Studio: Urban Spaces
DYN106	Sustainable Urban Design: Approaches and Principles
DYN207	Management and Administration of Projects
<b>Year 5, Semester 1</b>	
DLN215	Studio: Advanced Practice
DYN211	Studio: Communities
<b>Semester 2 (July) commencements</b>	

<b>DV43 Bachelor of Design component</b>	
<b>Year 1, Semester 2</b>	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
A Complementary Studies unit	
<b>Year 2, Semester 1</b>	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
DYB111	Create and Represent: Form
DYB112	Spatial Materiality
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
<b>Year 2, Semester 2</b>	
DLB102	Landscape Studio 2
DLB204	Planting Design Studio
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
<b>Year 3, Semester 1</b>	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
A Complementary Studies unit	
A Complementary Studies unit	
<b>Year 3, Semester 2</b>	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
DLN108	Planning and Policy for Contemporary Issues
DYN107	Decolonised Design
<b>Year 4, Semester 1</b>	
DLB301	Landscape Ecology
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice
At the end of Year 4 Semester 1, upon successful completion of DV43 Bachelor of Design, you will receive an offer to DE72 Master for Landscape Architecture	
<b>DE72 Master of Landscape Architecture component</b>	
<b>Year 4, Semester 2</b>	
DLN115	Studio: Urban Spaces
DYN106	Sustainable Urban Design: Approaches and Principles

## Bachelor of Design (Landscape Architecture)/Master of Landscape Architecture

DYN207	Management and Administration of Projects
Year 5, Semester 1	
DLN101	Landscape Histories and Criticism
DLN104	Critical Ecologies
DLN111	Studio: Climate-Responsive Design
DYN203	Integrated Professional Practice
Year 5, Semester 2	
DLN215	Studio: Advanced Practice
DYN211	Studio: Communities