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

Year	2021
QUT code	DE42
CRICOS	079947G
Duration (full-time)	4 years
ATAR/Selection rank	93.00
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,000 per year full-time (96 credit points)
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	Program Director, School of Design
Discipline Coordinator	Sarah Briant +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:

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- 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

Year3

- 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.

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 4, Semester 2	
DAB312	Building Services
DAH811	Architectural Design 8

Bachelor of Design (Honours) (Landscape Architecture)

Year	2021
QUT code	DE42
CRICOS	079947G
Duration (full-time)	4 years
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
Discipline Coordinator	Dr Greg Mews +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

- 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:

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- an industrial design student could take a second major in mechanical or electrical engineering to give them a deeper understanding of manufacturing and production
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Your course

Year 1

- set the groundwork for your landscape design studies
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- two units of core landscape design studios
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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.

Bachelor of Design

Year	2021
QUT code	DE43
CRICOS	096565B
Duration (full-time)	3 years
Duration (part-time domestic)	6 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Program Director, School of Design

Minimum English requirements

Students must meet the English proficiency requirements.

Bachelor of Design (Architecture)

Year	2021
QUT code	DE43
CRICOS	096565B
Duration (full-time)	3 years
Duration (part-time domestic)	6 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Program Director, School of Design
Discipline Coordinator	Sarah Briant +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) 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
- 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

Code	Title
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
Note: Students considering studying overseas in Year 2 Semester 2 must	

Bachelor of Design (Architecture)

apply by 1 November.	
Year 2, Semester 1	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
A Complementary Studies unit	
Year 2, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Year 3, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
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
A Complementary Studies unit	
Year 3, 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
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
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	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
A Complementary Studies unit	
Year 4, Semester 1	
DAB301	Architectural Design 5: Commercial
One unit from the Impact Lab Unit Options List (DYB301, KKB341, KKB350, 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

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	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Year 4, Semester 1	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
Year 5, Semester 1	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
Year 5, Semester 2	
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.	
Year 6, Semester 1	
One unit from the Impact Lab Unit Options List (DYB301, KKB341 or KKB350):	
KKB341	Work Integrated Learning 1
DYB301	Impact Lab 4: Purpose
KKB350	Creative Industries Study Tour
A Complementary Studies unit	
Year 6, Semester 2	
A Complementary Studies unit	
A Complementary Studies unit	
Semester 2 (July) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials

Bachelor of Design (Architecture)

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	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Year 3, Semester 1	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
Year 3, Semester 2	
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.	
Year 4, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Year 4, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Year 5, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Year 5, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
Year 6, Semester 1	
A Complementary Studies unit	
A Complementary Studies unit	
Year 6, Semester 2	
DAB312	Building Services
A Complementary Studies unit	
Year 7, 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	

Bachelor of Design (Interior Architecture)

Year	2021
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)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Program Director, School of Design
Discipline Coordinator	Dr Penny Wild +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

- 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
- 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

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: Inhabitance
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 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
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: Inhabitance
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

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: Inhabitance
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 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
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: Inhabitance
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	
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	

Bachelor of Design (Interior Architecture)

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	

Bachelor of Design (Landscape Architecture)

Year	2021
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)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Program Director, School of Design
Discipline Coordinator	Dr Greg Mews +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 (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

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 (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

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
- Year 1, Semester 1
- Year 1, Semester 2
- Year 2, Semester 1
- Year 2, Semester 2
- Year 3, Semester 1
- Year 3, Semester 2

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 Techniques
DLB202	Landscape, People and Place Studio
A Design Specialisation unit	
A Complementary Studies unit	
Year 2, Semester 2	

Bachelor of Design (Landscape Architecture)

DLB204	Planting Design
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 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
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	

Semesters

- 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

Code	Title
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
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	

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
- Year 6, Semester 1
- Year 6, 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
- Year 6, Semester 1
- 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
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 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
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

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A Complementary Studies unit	
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	

Bachelor of Design - International

Year	2021
QUT code	DE45
CRICOS	096566A
Duration (full-time)	4 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $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

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

Bachelor of Design - International (Architecture)

Year	2021
QUT code	DE45
CRICOS	096566A
Duration (full-time)	4 years
ATAR/Selection rank	91.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $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
Discipline Coordinator	Sarah Briant +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 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.

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 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

Code	Title
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 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
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
Reminder: you must complete DYB102 Impact Lab 2: People prior to your exchange.	
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.	
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	
A Complementary Studies unit	

Bachelor of Design - International (Interior Architecture)

Year	2021
QUT code	DE45
CRICOS	096566A
Duration (full-time)	4 years
ATAR/Selection rank	91.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $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
Discipline Coordinator	Dr Penny Wild +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 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.

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 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

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: Inhabitance
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	
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	
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
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: Inhabitance
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	

Bachelor of Design - International (Landscape Architecture)

Year	2021
QUT code	DE45
CRICOS	096566A
Duration (full-time)	4 years
ATAR/Selection rank	91.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $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
Discipline Coordinator	Dr Greg Mews +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

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

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
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DLB204	Planting Design
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.	
Year 3, Semester 1 (Exchange)	
48 credit points studied overseas	
Year 3, Semester 2 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 1	
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
A Design Specialisation unit	
A Complementary Studies unit	
Year 4, 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
Year 2, Semester 2	
DLB102	Landscape Studio 2
DLB204	Planting Design
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	
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.	
Year 3, Semester 2 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 1 (Exchange)	
48 credit points studied overseas	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
A Design Specialisation unit	
A Complementary Studies unit	
Year 5, 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	

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

Year	2021
QUT code	DV43
CRICOS	103171B
Duration (full-time)	4.5 years
Duration (part-time domestic)	9 years
Offer Guarantee	Yes
Domestic fee (indicative)	2021: CSP $8,000 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)	2021: $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

Code	Title
Semester 1 (February) commencements	
DV43 Bachelor of Design component	
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 Techniques
DLB202	Landscape, People and Place Studio
A Complementary Studies unit	
A Complementary Studies unit	
Year 2, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
A Complementary Studies unit	
Year 3, Semester 1	
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
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
Year 3, Semester 2	
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	
DE72 Master of Landscape Architecture component	
Year 4, Semester 1	
DLN101	Landscape Histories and Criticism
DLN104	Critical Ecologies
DLN111	Studio: Climate-Responsive Design
DYN203	Integrated Professional Practice
Year 4, Semester 2	
DLN115	Studio: Urban Spaces
DYN106	Sustainable Urban Design: Approaches and Principles
DYN207	Management and Administration of Projects
Year 5, Semester 1	
DLN215	Studio: Advanced Practice
DYN211	Studio: Communities
Semester 2 (July) commencements	
DV43 Bachelor of Design component	
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
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
A Complementary Studies unit	
A Complementary Studies unit	
Year 3, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
DLN108	Planning and Policy for Contemporary Issues
DYN107	Decolonised Design
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
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
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	
DE72 Master of Landscape Architecture component	
Year 4, Semester 2	
DLN115	Studio: Urban Spaces
DYN106	Sustainable Urban Design: Approaches and Principles
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

Bachelor of Engineering (Honours)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee

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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

Bachelor of Engineering (Honours)

Year 1 - Semester 2	
MZB126	Engineering Computation
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
Year 1 - Semester 2	
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	
Year 2 - Semester 1	
MZB126	Engineering Computation
EGB111	Foundation of Engineering Design
Plus select 24cp (2 units) from ONE of the Engineering Foundation Strands	

Bachelor of Engineering (Honours) (Chemical Process)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Thomas Rainey +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Chemical Process)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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
Year 2, Semester 1	
EGB261	Unit Operations
EGB262	Process Principles
EGB323	Fluid Mechanics
2nd Major/Minor Unit	
Year 2, Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
Year 3, Semester 1	
EGB361	Minerals and Minerals Processing
EGB362	Operations Management and Process Economics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
Year 3, Semester 2	
EGB364	Process Modelling
EGH404	Research in Engineering Practice
EGH411	Industrial Chemistry
EGH422	Advanced Thermodynamics
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH463	Plant and Process Design
2nd Major/Minor Unit	
2nd Major/Minor Unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH423	Fluids Dynamics
EGH462	Process Control
2nd Major/Minor Unit	

Bachelor of Engineering (Honours) (Civil)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Associate Professor Jonathan Bunker +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 Engeering

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 (144credit 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

- Year 4, Semester 2

Code	Title
Year 2, Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 2, Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 3, Semester 1	
EGB375	Design of Concrete Structures
EGH473	Advanced Geotechnical Engineering
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH472	Advanced Highway and Pavement Engineering
EGH475	Advanced Concrete Structures
2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
2nd Major/Minor unit	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH479	Advances in Civil Engineering Practice
2nd Major/Minor unit	
2nd Major/Minor unit	

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) (Computer and Software Systems)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Wayne Kelly +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

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

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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 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
Year 2, Semester 1	
CAB201	Programming Principles
EGB242	Signal Analysis
2nd Major/Minor unit	
2nd Major/Minor unit	
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	

Bachelor of Engineering (Honours) (Electrical and Aerospace)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Aaron Mcfadyen +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Electrical and Aerospace)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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
Year 2, Semester 1	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
EGB242	Signal Analysis
EGB243	Aircraft Systems and Flight
Year 2, Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Intermediate Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
Year 3, Semester 1	
EGB349	Systems Engineering and Design Project
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH445	Modern Control
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	

Bachelor of Engineering (Honours) (Electrical)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Jacob Coetzee +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Electrical)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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
- Intermediate Electrical Unit Options List
- Advanced Electrical Unit Options List

Code	Title
Year 2, Semester 1	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
EGB242	Signal Analysis
Year 2, Semester 2	
Intermediate Electrical Option Unit[1]	
Intermediate Electrical Option Unit[2]	
Intermediate Electrical Option Unit[3]	
2nd Major/Minor unit[1]	
Year 3, Semester 1	
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]	
Year 3, Semester 2	
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
Year 4, Semester 1	
EGH400-1	Research Project 1
2nd Major/Minor unit[4]	
2nd Major/Minor unit[5]	
2nd Major/Minor unit[6]	
Year 4, Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit[5]	
2nd Major/Minor unit[7]	
2nd Major/Minor unit[8]	
Intermediate Electrical Unit Options List	
EGB341	Energy Supply and Delivery
EGB342	Telecommunications and Signal Processing
EGB345	Control and Dynamic Systems
EGB348	Electronics
Advanced Electrical 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
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)

Bachelor of Engineering (Honours) (Mechanical)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Wim Dekkers/Professor Ted Steinberg +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Mechanical)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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
Year 2, Semester 1	
EGB211	Dynamics
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
EGB323	Fluid Mechanics
Year 2, Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB322	Thermodynamics
2nd Major/Minor unit option	
2nd Major/Minor unit option	
Year 3, Semester 1	
EGB316	Design of Machine Elements
EGB321	Dynamics of Machines
EGH414	Stress Analysis
2nd Major/Minor unit option	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
2nd Major/Minor unit option	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH421	Vibration and Control
2nd Major/Minor unit option	
2nd Major/Minor unit option	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
2nd Major/Minor unit option	
2nd Major/Minor unit option	

Bachelor of Engineering (Honours) (Mechatronics)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Associate Professor Luis Alvarez +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Mechatronics)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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

Code	Title
Year 2, Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
EGB211	Dynamics
2nd Major/Minor unit	
EGB220	Mechatronics Design 1
2nd Major/Minor Unit	
Year 2, Semester 2	
EGB345	Control and Dynamic Systems
EGB211	Dynamics
2nd Major/Minor unit	
EGB320	Mechatronics Design 2
2nd Major/Minor unit	
Intermediate Electrical Unit Option OR 2nd Major/Minor unit	
Year 3, Semester 1	
EGB321	Dynamics of Machines
2nd Major/Minor unit	
EGH446	Autonomous Systems
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	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH413	Advanced Dynamics
2nd Major/Minor unit	
EGB320	Mechatronics Design 2
OR	
EGH445	Modern Control
Intermediate/ Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH419	Mechatronics Design 3
2nd Major/Minor unit	
EGH446	Autonomous Systems
2nd Major/Minor unit	
Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH413	Advanced Dynamics
2nd Major/Minor unit	
EGH445	Modern Control
2nd Major/Minor unit	
Advanced Electrical Unit Option OR 2nd Major/Minor unit	

Bachelor of Engineering (Honours) (Medical)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Associate Professor Devakar Epari +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Medical)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 2, Semester 2	
EGB210	Fundamentals of Mechanical Design
LSB231	Physiology
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 1	
EGB319	BioDesign
EGB323	Fluid Mechanics
EGH414	Stress Analysis
2nd Major/Minor unit	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH418	Biomechanics
EGH424	Biofluids
2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH438	Biomaterials
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH435	Modelling and Simulation for Medical Engineers
2nd Major/Minor unit	
2nd Major/Minor unit	

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
Year 2, Semester 1	
EGB211	Dynamics
EGB214	Materials and Manufacturing
EGB314	Strength of Materials

Bachelor of Urban Development (Honours)

Year	2021
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $9,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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 Develoment (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 Develoment (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 Develoment (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.

Bachelor of Urban Development (Honours) (Construction Management)

Year	2021
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)	2021: CSP $9,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Melissa Teo +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

QUT 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 20 November, before receiving your ATAR or selection rank.

Find out more about the QUT Year 12 Early Offer Scheme

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 the following programs which you can select as one of your QTAC preferences:

Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer for the following dual TAFE-Qld Greater 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 Greater Brisbane is confirmed.

- Diploma of Building and Construction (Management)

Upon completion of the TAFE-Qld diploma 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 (or equivalent part-time). 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

International Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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:

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 Construction Management 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.

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:

a) 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning

b) 216 credit points (18 units) of construction management 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.

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 knowlege 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:

a) 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning

b) 216 credit points (18 units) of construction management 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.

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 knowlege 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

Code	Title
Year 1, Semester 1	
BSB113	Economics
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
UXB115	Introduction to Modern Construction Business
Year 1, Semester 2	
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 2, Semester 1	
UXB210	Commercial Construction
UXB211	Building Services
UXB213	Advanced Measurement for Construction
2nd Major/Minor unit	
Year 2, Semester 2	
LWS012	Urban Development Law
UXB212	Design for Structures
UXH315	Construction Estimating
2nd Major/Minor unit	
Year 3, Semester 1	
USB300	Property Development
UXH310	High-rise Construction
UXH311	Contract Administration
2nd Major/Minor unit	
Year 3, Semester 2	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH312	Construction Legislation
2nd Major/Minor unit	
Year 4, Semester 1	
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
2nd Major/Minor unit	
2nd Major/Minor unit	

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

Year	2021
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)	2021: CSP $9,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Jason Gray +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

QUT 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 20 November, 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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:

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 Quantity Surveying and Cost Engineering 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.

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)

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

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 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:

a) 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning

b) 216 credit points (18 units) of quantity surveying and cost engineering 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.

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 knowlege 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:

a) 72 credit points (6 units) of Urban Development Core units, which includes a Professional Practice unit that requires completion of workplace learning.

b) 216 credit points (18 units) of Quantity Surveying and Cost Engineering 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.

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 knowlege 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

Code	Title
Year 1, Semester 1	
BSB113	Economics
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
UXB115	Introduction to Modern Construction Business
Year 1, Semester 2	
UXB113	Measurement for Construction
UXB114	Integrated Construction
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
Year 2, Semester 1	
UXB210	Commercial Construction
UXB211	Building Services
UXB213	Advanced Measurement for Construction
2nd Major/Minor unit	
Year 2, Semester 2	
LWS012	Urban Development Law
UXB220	Services and Heavy Engineering Measurement
UXH315	Construction Estimating
2nd Major/Minor unit	
Year 3, Semester 1	
USB300	Property Development
UXH310	High-rise Construction
UXH311	Contract Administration
2nd Major/Minor unit	
Year 3, Semester 2	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH321	Cost Planning and Controls
2nd Major/Minor unit	
Year 4, Semester 1	
UXH400-1	Project - Part A
UXH420	Risk Management in the Energy and Resources Sectors
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
UXH312	Construction Legislation
UXH400-2	Project - Part B
2nd Major/Minor unit	
2nd Major/Minor unit	

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

Year	2021
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)	2021: CSP $9,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Mellini Sloan +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

QUT 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 20 November, 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

•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:

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

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 knowlege 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:

a) 72 credit points (6 units) of Urban Development Core units, which includes a Professional Practice 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

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 knowlege 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)

Code	Title
Year 1, Semester 1	
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Year 1, Semester 2	
LWS012	Urban Development Law
UXB133	Urban Studies
UXB134	Land Use Planning
UXB135	Negotiation and Conflict Resolution
Year 2, Semester 1	
BSB113	Economics
UXB231	Stakeholder Engagement
UXB233	Planning Law
2nd Major/Minor unit	
Year 2, Semester 2	
UXB230	Site Planning
UXB234	Transport Planning
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 1	
USB300	Property Development
UXB330	Urban Design
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 2	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH331	Environmental Planning
2nd Major/Minor unit	
Year 4, Semester 1	
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
2nd Major/Minor unit	
Year 4, Semester 2	
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
2nd Major/Minor unit	

Bachelor of Business/Bachelor of Design (Interior Architecture)

Year	2021
QUT code	ID12
CRICOS	096567M
Duration (full-time)	4 years
ATAR/Selection rank	76.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $11,800 per year full-time (96 credit points)
International fee (indicative)	2021: $31,200 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	Dr Penny Wild (Interior Architecture); Dr Ogan Yigitbasioglu (Accounting); Dr Lisa Schuster (Advertising); Dr Radhika Lahiri (Economics); Associate Professor Peter Verhoeven (Finance); Dr Sherrena Buckby (Financial Planning); Dr Ali Mohammad (Human Resource Management); Dr Alvin Tan (International Business); Dr Kavoos Mohannak (Management); Dr Udo Gottlieb (Marketing); and Associate Professior Amisha Mehta (Public Relations) +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: accountingadvertisingeconomicsfinancefinancial planninghuman resource managementinternational businessmanagementmarketingpublic 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)
- 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: accountingadvertisingeconomicsfinancefinancial planninghuman resource managementinternational businessmanagementmarketingpublic 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)
- 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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
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 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
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: Inhabitance
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 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
Business School Unit	
Business School Unit	

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Year 2, Semester 2	

Bachelor of Business/Bachelor of Design (Interior Architecture)

DTB102	Interior Studio: Inhabitance
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 or KKB350):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
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: Inhabitance
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
- 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	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB111	Business Law and Ethics
BSB110	Accounting
Accountancy students undertake BSB110 and BSB111 as the Core Option Units to ensure professional accreditation.	
Year 2, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 2, Semester 2	
AYB225	Management Accounting
AYB200	Financial Accounting
Year 3, Semester 1	
AYB221	Accounting Systems and Analytics
EFB210	Finance 1
Year 3, Semester 2	
AYB230	Corporations Law
AYB219	Taxation Law
Year 4, Semester 1	
AYB321	Strategic Management Accounting
AYB340	Company Accounting
Year 4, Semester 2	
AYB311	Financial Accounting Issues
AYB301	Audit and Assurance

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
- Core Options Units List:

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
AMB200	Consumer Behaviour
AMB201	Marketing and Audience Analytics
Year 2, Semester 2	
AMB220	Advertising Works
BSB108	Business Environment
Year 3, Semester 1	
AMB319	Consumers and Media Channels
BSB250	Business Citizenship
Year 3, Semester 2	
AMB318	Create Advertising
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
AMB320	Advertising Management
AMB330	Digital Optimisation
Year 4, Semester 2	
AMB339	Advertising Campaigns
BSB399	Real World Ready - Business Capstone
Core Options Units List:	

Bachelor of Business/Bachelor of Design (Interior Architecture)

Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

"Select a unit from the Economics Options List or the Core Options Unit List" is repeated 5 times in this course progression. Please note that there are two (2) core options units and three (3) Economics Option Units in this pool. This has been done to give flexibility of choice as to when option units from the two groupsmay be undertaken.

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
- Core Options Units
- Economics Options List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
EFB222	Introduction to Applied Econometrics
Select a unit from the Core Options Unit List or The Economics Options List	
*Students undertake EFB222 as one of the Economics Options Units.	
Year 2, Semester 2	
EFB223	Economics 2
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 1	
EFB331	Intermediate Microeconomics
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 2	
BSB250	Business Citizenship
Select a unit from the Core Options Unit List or The Economics Options List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
EFB330	Intermediate Macroeconomics
Year 4, Semester 2	
EFB338	Contemporary Application of Economic Theory
Select a unit from the Core Options Unit List or The Economics Options List	
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
Economics Options List	
Select four units (48 credit points) from the Quantitative and/or Applied Economics Units List:	
EFB222	Introduction to Applied Econometrics
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB337	Game Theory and Applications
EFB201	Financial Markets
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB336	International Economics

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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 1, Semester 2	
BSB108	Business Environment
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB105	The Future Enterprise
EFB210	Finance 1
Year 2, Semester 2	
EFB201	Financial Markets
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
EFB343	Corporate Finance
EFB335	Investments
Year 3, Semester 2	
BSB250	Business Citizenship
EFB312	International Finance
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
EFB223	Economics 2
Year 4, Semester 2	
EFB360	Finance Capstone
EFB344	Risk Management and Derivatives
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Year 2, Semester 1	
BSB111	Business Law and Ethics
Select a unit frm the Core Options List	
Note: Financial Planning students undertake BSB111 as one of the two Core Options Units for professional accreditation purposes	

Bachelor of Business/Bachelor of Design (Interior Architecture)

Year 2, Semester 2	
AYB219	Taxation Law
EFB210	Finance 1
Year 3, Semester 1	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Year 3, Semester 2	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Year 4, Semester 1	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Year 4, Semester 2	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Core Options Units List	
Financial Planning students select BSB111 and one other (12 credit points) from the Core Options Units List	
BSB111	Business Law and Ethics
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
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
- Core Unit Options List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB214	Introducing People Management and Analytics
MGB200	Managing People

Year 2, Semester 2	
MGB229	Obligations and Options for Employing People
Select a unit from the Core Options Unit List	
Year 3, Semester 1	
BSB250	Business Citizenship
MGB230	Recruiting and Selecting People
Year 3, Semester 2	
MGB331	Developing People
MGB339	Managing Performance and Rewards
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
Select one unit (12 credit points) from the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
MGB306	Independent Study
Year 4, Semester 2	
MGB372	Creating Value through People
Select a unit from the Core Options Unit List	
Core Unit Options List	
Select two units (24 credit points) from the Core Options Unit List:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
AMB210	Importing and Exporting
Select a unit frm the Core Options List	
Year 2, Semester 2	
MGB225	Intercultural Communication and Negotiation Skills
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
AYB227	International Accounting
BSB250	Business Citizenship
Year 3, Semester 2	
EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Year 4, Semester 1	
AMB303	International Logistics
AMB336	International Marketing
Year 4, Semester 2	
AMB369	International Business Strategy
BSB399	Real World Ready - Business Capstone
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	

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MGB225	Intercultural Communication and Negotiation Skills
MGB200	Managing People
Year 2, Semester 2	
MGB226	Innovation, Knowledge and Creativity
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
BSB250	Business Citizenship
Select one of the following:	
MGB210	Managing Operations
MGB227	Entrepreneurship
Students undertaking the Management stream must complete MGB210. Students undertaking the Entrepreneurship stream must complete MGB227.	
Year 3, Semester 2	
Select a unit from the Core Options Unit List	
Select one of the following:	
MGB335	Managing Projects
MGB324	Managing Business Growth
Students undertaking the Management stream must complete MGB335. Students undertaking the Entrepreneurship stream must complete MGB324.	
Year 4, Semester 1	
MGB341	Managing Risk
BSB399	Real World Ready - Business Capstone
Year 4, Semester 2	
MGB309	Managing Strategically
Select one of the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB108	Business Environment
Select a unit from the Core Options List	
Year 2, Semester 2	
AMB200	Consumer Behaviour
AMB240	Marketing Planning and Management
Year 3, Semester 1	
AMB202	Integrated Marketing Communication
AMB201	Marketing and Audience Analytics
Year 3, Semester 2	
BSB250	Business Citizenship
AMB330	Digital Optimisation
Year 4, Semester 1	
AMB340	Services Marketing
AMB336	International Marketing
Year 4, Semester 2	
BSB399	Real World Ready - Business Capstone
AMB359	Strategic Marketing
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
AMB264	Media Relations and Publicity
AMB263	Introduction to Public Relations
Year 2, Semester 2	
AMB201	Marketing and Audience Analytics
AMB372	Public Relations Planning
Year 3, Semester 1	
BSB250	Business Citizenship
AMB374	Global Public Relations Cases
Year 3, Semester 2	
AMB375	Internal Communication and Change
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
AMB373	Issues, Stakeholders and Reputation
Year 4, Semester 2	
AMB379	Public Relations Campaigns
Select a unit from the Core Options Unit List	
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

Bachelor of Business/Bachelor of Design (Landscape Architecture)

Year	2021
QUT code	ID12
CRICOS	096567M
Duration (full-time)	4 years
ATAR/Selection rank	76.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $11,800 per year full-time (96 credit points)
International fee (indicative)	2021: $31,200 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	Dr Greg Mews (Landscape Architecture); Dr Ogan Yigitbasioglu (Accountancy); Dr Lisa Schuster (Advertising); Dr Radhika Lahiri (Economics); Associate Professor Peter Verhoeven (Finance); Dr Sherrena Buckby (Financial Planning); Dr Ali Mohammad (Human Resource Management); Dr Alvin Tan (International Business); Dr Kavoos Mohannak (Management); Dr Udo Gottlieb (Marketing); and Associate Professior Amisha Mehta (Public Relations) +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 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: accountingadvertisingeconomicsfinancefinancial planninghuman resource managementinternational businessmanagementmarketingpublic relations.

Accountancy 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)
- 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: accountingadvertisingeconomicsfinancefinancial planninghuman resource managementinternational businessmanagementmarketingpublic relations.

Accountancy 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)
- 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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
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	
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.	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Business School Unit	
Business School Unit	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Business School Unit	
Business School Unit	
Year 5, Semester 1	
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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1

Bachelor of Business/Bachelor of Design (Landscape Architecture)

DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
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	
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.	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Business School Unit	
Business School Unit	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Business School Unit	
Business School Unit	
Year 5, 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
Business School Unit	
Business School Unit	

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	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB111	Business Law and Ethics
BSB110	Accounting
Accountancy students undertake BSB110 and BSB111 as the Core Option Units to ensure professional accreditation.	
Year 2, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 2, Semester 2	
AYB225	Management Accounting
AYB200	Financial Accounting
Year 3, Semester 1	
AYB221	Accounting Systems and Analytics
EFB210	Finance 1
Year 3, Semester 2	
AYB230	Corporations Law
AYB219	Taxation Law
Year 4, Semester 1	
AYB321	Strategic Management Accounting
AYB340	Company Accounting
Year 4, Semester 2	
AYB311	Financial Accounting Issues
AYB301	Audit and Assurance

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
- Core Options Units List:

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
AMB200	Consumer Behaviour
AMB201	Marketing and Audience Analytics
Year 2, Semester 2	
AMB220	Advertising Works
BSB108	Business Environment
Year 3, Semester 1	
AMB319	Consumers and Media Channels
BSB250	Business Citizenship
Year 3, Semester 2	
AMB318	Create Advertising
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
AMB320	Advertising Management

Bachelor of Business/Bachelor of Design (Landscape Architecture)

AMB330	Digital Optimisation
Year 4, Semester 2	
AMB339	Advertising Campaigns
BSB399	Real World Ready - Business Capstone
Core Options Units List:	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

"Select a unit from the Economics Options List or the Core Options Unit List" is repeated 5 times in this course progression. Please note that there are two (2) core options units and three (3) Economics Option Units in this pool. This has been done to give flexibility of choice as to when option units from the two groupsmay be undertaken.

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
- Core Options Units
- Economics Options List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
EFB222	Introduction to Applied Econometrics
Select a unit from the Core Options Unit List or The Economics Options List	
*Students undertake EFB222 as one of the Economics Options Units.	
Year 2, Semester 2	
EFB223	Economics 2
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 1	
EFB331	Intermediate Microeconomics
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 2	
BSB250	Business Citizenship
Select a unit from the Core Options Unit List or The Economics Options List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
EFB330	Intermediate Macroeconomics
Year 4, Semester 2	
EFB338	Contemporary Application of Economic Theory
Select a unit from the Core Options Unit List or The Economics Options List	
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
Economics Options List	
Select four units (48 credit points) from the Quantitative and/or Applied Economics Units List:	
EFB222	Introduction to Applied Econometrics
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB337	Game Theory and Applications
EFB201	Financial Markets
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB336	International Economics

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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 1, Semester 2	
BSB108	Business Environment
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB105	The Future Enterprise
EFB210	Finance 1
Year 2, Semester 2	
EFB201	Financial Markets
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
EFB343	Corporate Finance
EFB335	Investments
Year 3, Semester 2	
BSB250	Business Citizenship
EFB312	International Finance
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
EFB223	Economics 2
Year 4, Semester 2	
EFB360	Finance Capstone
EFB344	Risk Management and Derivatives
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Year 2, Semester 1	

This information is correct as at 16/12/2021. For the most up-to-date course information, visit https://qutvirtual4.qut.edu.au/group/student/enrolment/courses/course?courseCode=ID12&id=36616. CRICOS No.00213J

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BSB111	Business Law and Ethics
Select a unit frm the Core Options List	
Note: Financial Planning students undertake BSB111 as one of the two Core Options Units for professional accreditation purposes	
Year 2, Semester 2	
AYB219	Taxation Law
EFB210	Finance 1
Year 3, Semester 1	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Year 3, Semester 2	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Year 4, Semester 1	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Year 4, Semester 2	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Core Options Units List	
Financial Planning students select BSB111 and one other (12 credit points) from the Core Options Units List	
BSB111	Business Law and Ethics
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
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
- Core Unit Options List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB214	Introducing People Management and Analytics
MGB200	Managing People
Year 2, Semester 2	
MGB229	Obligations and Options for Employing People
Select a unit from the Core Options Unit List	
Year 3, Semester 1	
BSB250	Business Citizenship
MGB230	Recruiting and Selecting People
Year 3, Semester 2	
MGB331	Developing People
MGB339	Managing Performance and Rewards
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
Select one unit (12 credit points) from the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
MGB306	Independent Study
Year 4, Semester 2	
MGB372	Creating Value through People
Select a unit from the Core Options Unit List	
Core Unit Options List	
Select two units (24 credit points) from the Core Options Unit List:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
AMB210	Importing and Exporting
Select a unit frm the Core Options List	
Year 2, Semester 2	
MGB225	Intercultural Communication and Negotiation Skills
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
AYB227	International Accounting
BSB250	Business Citizenship
Year 3, Semester 2	
EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Year 4, Semester 1	
AMB303	International Logistics
AMB336	International Marketing
Year 4, Semester 2	
AMB369	International Business Strategy
BSB399	Real World Ready - Business Capstone
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	

Bachelor of Business/Bachelor of Design (Landscape Architecture)

BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB225	Intercultural Communication and Negotiation Skills
MGB200	Managing People
Year 2, Semester 2	
MGB226	Innovation, Knowledge and Creativity
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
BSB250	Business Citizenship
Select one of the following:	
MGB210	Managing Operations
MGB227	Entrepreneurship
Students undertaking the Management stream must complete MGB210. Students undertaking the Entrepreneurship stream must complete MGB227.	
Year 3, Semester 2	
Select a unit from the Core Options Unit List	
Select one of the following:	
MGB335	Managing Projects
MGB324	Managing Business Growth
Students undertaking the Management stream must complete MGB335. Students undertaking the Entrepreneurship stream must complete MGB324.	
Year 4, Semester 1	
MGB341	Managing Risk
BSB399	Real World Ready - Business Capstone
Year 4, Semester 2	
MGB309	Managing Strategically
Select one of the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB108	Business Environment
Select a unit from the Core Options List	
Year 2, Semester 2	
AMB200	Consumer Behaviour
AMB240	Marketing Planning and Management
Year 3, Semester 1	
AMB202	Integrated Marketing Communication
AMB201	Marketing and Audience Analytics
Year 3, Semester 2	
BSB250	Business Citizenship
AMB330	Digital Optimisation
Year 4, Semester 1	
AMB340	Services Marketing
AMB336	International Marketing
Year 4, Semester 2	
BSB399	Real World Ready - Business Capstone
AMB359	Strategic Marketing
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
AMB264	Media Relations and Publicity
AMB263	Introduction to Public Relations
Year 2, Semester 2	
AMB201	Marketing and Audience Analytics
AMB372	Public Relations Planning
Year 3, Semester 1	
BSB250	Business Citizenship
AMB374	Global Public Relations Cases
Year 3, Semester 2	
AMB375	Internal Communication and Change
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
AMB373	Issues, Stakeholders and Reputation
Year 4, Semester 2	
AMB379	Public Relations Campaigns
Select a unit from the Core Options Unit List	
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning:

	Innovation, Ideas and Enterprise Skills

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

Year	2021
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,700 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Dr Jacob Coetzee (Engineering); phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	Dr Rafael Gomez (Industrial Design); 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) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 your 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 your 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.

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.

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

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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DNB110	ID Studio 1: User Centred Design
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DNB111	ID Studio 2: Aesthetics and Visualisation
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DNB210	ID Studio 3: Interaction and Experience
DNB211	ID Studio 4: Manufacturing Technology
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DNB212	ID Studio 5: Applied Technology
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DNB311	ID Studio 7: Capstone
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB123	Emerging Design Technology
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DNB111	ID Studio 2: Aesthetics and Visualisation
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DNB211	ID Studio 4: Manufacturing Technology
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DNB212	ID Studio 5: Applied Technology
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DNB210	ID Studio 3: Interaction and Experience
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DNB311	ID Studio 7: Capstone
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
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	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

Semesters

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

- 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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400-1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software	

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

Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

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	
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	
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 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
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
Year 3 - Semester 2	

Bachelor of Design (Industrial Design)/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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

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

Year	2021
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2021: CSP $7,700 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Dr Jacob Coetzee (Engineering); phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	Dr Jen Seevinck (Interaction Design); 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) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 your years, and concentrate on engineering studies for the remainder of this course.

Creative Industries component

Your creative industries studies will include:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the interaction design discipline
- four school-wide impact lab units (48 credit points).

Engineering component

Your engineering studies will include:

- four core units (48 credit points) and two core options (24 credit points)
- eight engineering major units (96 credit points)
- eight honours-level units (96 credits points).

You must choose a major from:

- chemical process engineering
- civil engineering
- computer and software systems engineering
- electrical engineering
- electrical and aerospace engineering
- mechatronics engineering
- mechanical engineering
- medical engineering

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 your 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)
- 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

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

- 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
- 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
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
DYB102	Impact Lab 2: People
DYB123	Emerging Design Technology
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
DXB110	Principles of Interaction Design
DYB122	Design Visualisations
Engineering Unit	
Year 2, Semester 2	
DXB111	Introduction to Web Design
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DXB210	Critical Experience Design
DXB211	Creative Coding
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DXB212	Tangible Media
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DXB311	Advanced Interaction Design Project
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB123	Emerging Design Technology
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
DYB121	Introducing Design Fabrication
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DYB124	Design Consequences
DXB111	Introduction to Web Design
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DXB110	Principles of Interaction Design
DXB211	Creative Coding
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DYB102	Impact Lab 2: People
DXB212	Tangible Media
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DXB210	Critical Experience Design
DXB310	Augmented Interactions
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DXB311	Advanced Interaction Design Project
Engineering Unit	
Engineering Unit	
Year 5, 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	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering 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

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

- 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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400-1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2

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EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

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	
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	
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 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
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics

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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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

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

Year	2021
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,700 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Dr Jacob Coetzee (Engineering); phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	Dr Greg Mews (Landscape 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) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 your 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 your 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
- 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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
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	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
Year 5, 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
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	

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

Engineering Unit
Engineering Unit

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
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	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
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	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	

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

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
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400-1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

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

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	
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	
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 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
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	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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

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

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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

Bachelor of Design/Bachelor of Engineering (Honours)

Year	2021
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2021: CSP $7,700 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Dr Jacob Coetzee (Engineering); phone +61 7 3138 2000; email: askqut@qut.edu.au

Minimum English requirements

Students must meet the English proficiency requirements.

Bachelor of Design (Architecture)/Bachelor of Property Economics

Year	2021
QUT code	ID16
CRICOS	096571D
Duration (full-time)	4.5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $11,500 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Associate Professor Connie Susilawati (Property Economics)
Discipline Coordinator	Sarah Briant (Architecture); Associate Professor Connie Susilawati (Property Economics) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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.

Bachelor of Design (Architecture)/Bachelor of Property Economics

Sample Structure

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
BSB113	Economics
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
USB142	Residential Valuation
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
USB143	Money and Wealth
UXB110	Residential Construction
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
USB141	Building Big
UXB134	Land Use Planning
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
USB240	Market Analysis
USB247	Money and Property
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
USB244	Asset Performance
USB245	Property Investment Analysis
Year 4, Semester 1	
DAB200	Modern Architecture
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
USB300	Property Development
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
USB344	Property Project
BSB305	Undergraduate Business Internship
Year 5, Semester 1	
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
USB345	Specialised Valuation
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
USB142	Residential Valuation
USB145	Property Transactions
Year 2, Semester 1	
BSB113	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.	
Year 2, Semester 2	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
USB141	Building Big
USB144	Investment Valuation
Year 3, Semester 1	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
UXB110	Residential Construction
USB240	Market Analysis
Year 3, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
UXB134	Land Use Planning
Year 4, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
USB247	Money and Property
USB300	Property Development
Year 4, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
USB245	Property Investment Analysis
BSB305	Undergraduate Business Internship
Year 5, Semester 1	
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
UXB301	Professional Practice
Year 5, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
USB344	Property Project

Semesters

This information is correct as at 16/12/2021. For the most up-to-date course information, visit https://qutvirtual4.qut.edu.au/group/student/enrolment/courses/course?courseCode=ID16&id=36872. CRICOS No.00213J

Bachelor of Design (Architecture)/Bachelor of Property Economics

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
BSB113	Economics
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
USB142	Residential Valuation
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
USB143	Money and Wealth
UXB110	Residential Construction
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
USB141	Building Big
UXB134	Land Use Planning
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
USB240	Market Analysis
USB247	Money and Property
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
USB244	Asset Performance
USB245	Property Investment Analysis
Year 4, Semester 1	
DAB200	Modern Architecture
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
USB300	Property Development
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
USB344	Property Project
UXB301	Professional Practice
Year 5, Semester 1	
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
USB345	Specialised Valuation
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
USB142	Residential Valuation
USB145	Property Transactions
Year 2, Semester 1	
BSB113	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.	
Year 2, Semester 2	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
USB141	Building Big
USB144	Investment Valuation
Year 3, Semester 1	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
UXB110	Residential Construction
USB240	Market Analysis
Year 3, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
UXB134	Land Use Planning
Year 4, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
USB247	Money and Property
USB300	Property Development
Year 4, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
USB245	Property Investment Analysis
UXB301	Professional Practice
Year 5, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
USB345	Specialised Valuation
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 5, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
USB344	Property Project

Bachelor of Design (Interior Architecture)/Bachelor of Property Economics

Year	2021
QUT code	ID17
CRICOS	096572C
Duration (full-time)	4 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $11,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Associate Professor Connie Susilawati (Property Economics)
Discipline Coordinator	Dr Penny Wild (Interior Architecture); Associate Professor Connie Susilawati (Property Economics) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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-wideimpact 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.

Bachelor of Design (Interior Architecture)/Bachelor of Property Economics

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
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
BSB113	Economics
USB142	Residential Valuation
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
USB143	Money and Wealth
UXB110	Residential Construction
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB102	Impact Lab 2: People
USB141	Building Big
UXB134	Land Use Planning
Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
USB240	Market Analysis
USB241	Money and Wealth
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
USB245	Property Investment Analysis
Year 4, Semester 1	
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
USB300	Property Development
USB345	Specialised Valuation
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
USB344	Property Project
UXB301	Professional Practice
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
USB142	Residential Valuation
USB145	Property Transactions
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB111	Create and Represent: Form
BSB113	Economics
USB143	Money and Wealth
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB114	Spatial Histories
USB141	Building Big
USB144	Investment Valuation
Year 3, Semester 1	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
USB240	Market Analysis
UXB110	Residential Construction
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
USB245	Property Investment Analysis
UXB301	Professional Practice
Year 5, Semester 1	
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
USB344	Property Project
USB345	Specialised Valuation

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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
BSB113	Economics
USB142	Residential Valuation
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
USB143	Money and Wealth
UXB110	Residential Construction
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB102	Impact Lab 2: People
USB141	Building Big
UXB134	Land Use Planning

Bachelor of Design (Interior Architecture)/Bachelor of Property Economics

Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
USB240	Market Analysis
USB241	Money and Wealth
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
USB245	Property Investment Analysis
Year 4, Semester 1	
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
USB300	Property Development
USB345	Specialised Valuation
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
USB344	Property Project
BSB305	Undergraduate Business Internship
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
USB142	Residential Valuation
USB145	Property Transactions
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB111	Create and Represent: Form
BSB113	Economics
USB143	Money and Wealth
Note: Students considering studying overseas in Year 3 Semester 1 must apply by 1 June.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB114	Spatial Histories
USB141	Building Big
USB144	Investment Valuation
Year 3, Semester 1	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
USB240	Market Analysis
UXB110	Residential Construction
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
USB244	Asset Performance
UXB134	Land Use Planning
Year 4, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
USB247	Money and Property
USB300	Property Development
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
USB245	Property Investment Analysis
BSB305	Undergraduate Business Internship
Year 5, Semester 1	
DTB304	Design in Society
USB345	Specialised Valuation
USB344	Property Project
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

Bachelor of Design (Architecture) / Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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)

Minimum English requirements

Students must meet the English proficiency requirements.

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 units24 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 units24 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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 3, Semester 2	
DYB201	Impact Lab 3: Planet
DAB202	Architectural Design 4: Metro
LWS012	Urban Development Law
UXB220	Services and Heavy Engineering Measurement
Year 4, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB211	Environmental Principles of Architectural Design
UXB211	Building Services
UXH310	High-rise Construction
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH420	Risk Management in the Energy and Resources Sectors
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH321	Cost Planning and Controls
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB113	Measurement for Construction
LWS012	Urban Development Law
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
UXB213	Advanced Measurement for Construction
UXB115	Introduction to Modern Construction Business
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DYB114	Spatial Histories
UXB114	Integrated Construction
UXB220	Services and Heavy Engineering Measurement
Year 4, Semester 1	
DAB200	Modern Architecture
DAB211	Environmental Principles of Architectural Design
UXB210	Commercial Construction
BSB113	Economics
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXH321	Cost Planning and Controls
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
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

Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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:

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- four units completed as part of the Construction Management component - 48 credit points**

Urban Development component

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- 24 credit points capstone project.

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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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB211	Environmental Principles of Architectural Design
UXB211	Building Services
UXH310	High-rise Construction
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DYB114	Spatial Histories
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
DAB200	Modern Architecture
DAB211	Environmental Principles of Architectural Design
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
DYB201	Impact Lab 3: Planet
DAB301	Architectural Design 5: Commercial
UXB211	Building Services
UXH310	High-rise Construction
Year 5, Semester 2	
UXH312	Construction Legislation

Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
Year 6, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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); Mellini Sloan (Urban and Regional Planning) +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.

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

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) (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.

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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

Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
BSB113	Economics
UXB130	History of the Built Environment
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
UXB230	Site Planning
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
UXB234	Transport Planning
Year 4, Semester 1	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
UXB301	Professional Practice
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
Year 5, Semester 2	
UXH331	Environmental Planning
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB133	Urban Studies
UXB134	Land Use Planning
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
LWS012	Urban Development Law
UXB230	Site Planning
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
DAB211	Environmental Principles of Architectural Design
UXB130	History of the Built Environment
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
UXB135	Negotiation and Conflict Resolution
UXB234	Transport Planning
Year 4, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
DAB200	Modern Architecture
DYB201	Impact Lab 3: Planet
BSB113	Economics
UXB301	Professional Practice
Year 5, Semester 2	
UXH331	Environmental Planning
UXH400-1	Project - Part A
UXH432	Community Planning
UXH433	Regional Planning
Year 6, Semester 1	
USB300	Property Development
UXH400-2	Project - Part B
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice

Bachelor of Design (Interior Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Penny Wild (Interior Architecture); Professor Robin Drogemuller (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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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.

Bachelor of Design (Interior Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
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
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB114	Spatial Histories
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
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
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
Year 6, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

Bachelor of Design (Interior Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
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
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB114	Spatial Histories
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
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	
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
Year 6, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

Bachelor of Design (Landscape Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Greg Mews (Landscape Architecture); Mellini Sloan (Urban and Regional Planning) +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 your years, 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 your years, 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.
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- 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.

Sample Structure

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
One unit from the Design Specialisation Unit Options List	
UXB130	History of the Built Environment
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
UXB230	Site Planning
UXB234	Transport Planning
Year 4, Semester 1	
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
BSB113	Economics
UXB330	Urban Design
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
Year 5, Semester 2	
UXH400-2	Project - Part B
UXH331	Environmental Planning
UXH432	Community Planning
UXH433	Regional Planning
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB133	Urban Studies
UXB134	Land Use Planning
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DLB102	Landscape Studio 2
One unit from the Design Specialisation Unit Options List	
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
One unit from the Design Specialisation Unit Options List	
UXB130	History of the Built Environment
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
UXB230	Site Planning
UXB234	Transport Planning
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
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	

Bachelor of Design (Landscape Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

UXH331	Environmental Planning
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
Year 6, Semester 1	
BSB113	Economics
USB300	Property Development
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice

Bachelor of Design/Bachelor of Urban Development (Honours)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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)

Minimum English requirements

Students must meet the English proficiency requirements.

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

Year	2021
QUT code	ID19
CRICOS	096574A
Duration (full-time)	5.5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $35,000 per year full-time (96 credit points)
Total credit points	528
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 Jacob Coetzee (Engineering)
Discipline Coordinator	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) +61731382000 askqut@qut.edu.au

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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 your years and for the remainder of this course you will concentrate on engineering studies.

Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- four architecture specialisation units (48 credit points)
- and the architecture major (144 credit points), including: four shared foundation units (48 credit points)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
- 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 your years and for the remainder of this course you will concentrate on engineering studies.

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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).

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

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
- 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
- Year 6, 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
- Year 6, Semester 1
- Year 6, Semester 2

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
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	

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

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	

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
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	
Year 2, Semester 2	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
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DAB200	Modern Architecture
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
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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

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

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, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
UXB301	Professional Practice
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	

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
- Year 6 - 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
- Year 6 - Semester 1
- Year 6 - 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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB361	Minerals and Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH463	Plant and 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
	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 and 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	Plant and Process Design
EGH408	Research Project
Year 6 - Semester 2	
EGH411	Industrial Chemistry
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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
- Year 6 - 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
- Year 6 - Semester 1
- Year 6 - Semester 2

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

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
EGH404	Research in Engineering Practice
EGH400-1	Research Project 1
EGH473	Advanced Geotechnical Engineering
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH471	Advanced Water Engineering
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

Semesters

- 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
- Year 6 - 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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-1	Research Project 1
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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

Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH456	Embedded Systems
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	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 4 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
Year 4 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
CAB301	Algorithms and Complexity
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400-1	Research Project 1
EGH456	Embedded Systems
CAB302	Software Development
Advanced Computer & Software Systems Option Unit	
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Computer & Software Systems Option 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
  - Year 5 - Semester 1
  - Year 5 - Semester 2
  - Year 6 - 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
  - Year 6 - Semester 1
  - Year 6 - 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	
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

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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)	

Semesters

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
EGH446	Autonomous Systems
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	
Year 6 - Semester 1	
EGH400-2	Research Project 2
Advanced Electrical Option Unit	
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	
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
EGB243	Aircraft Systems and Flight
Year 4 - Semester 2	
EGB346	Unmanned Aircraft Systems
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGB349	Systems Engineering and Design Project
EGB345	Control and Dynamic Systems
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	

Semesters

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	

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EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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	Advanced Thermodynamics
EGH423	Fluids Dynamics
Year 6 - Semester 1	
EGH400 -2	Research Project 2
EGH421	Vibration and Control
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	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
EGB211	Dynamics
EGB314	Strength of Materials
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB321	Dynamics of Machines
EGH404	Research in Engineering 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	Advanced Thermodynamics
EGH423	Fluids Dynamics

Semesters

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
EGH446	Autonomous Systems
Year 5 - Semester 2	
EGH400 -1	Research Project 1
EGH413	Advanced Dynamics
EGH445	Modern Control
Advanced Electrical Option Unit	
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	

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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
EGH446	Autonomous Systems
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	

Semesters

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	
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
EGB314	Strength of Materials
Year 3 - Semester 2	
LSB231	Physiology
EGB210	Fundamentals of Mechanical Design
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB211	Dynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB319	BioDesign
EGH414	Stress Analysis
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH438	Biomaterials
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	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
EGB211	Dynamics
LSB231	Physiology
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB314	Strength of Materials
Year 5 - Semester 1	
EGB319	BioDesign
EGH414	Stress Analysis
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400-1	Research Project 1
EGB214	Materials and Manufacturing
EGH404	Research in Engineering Practice
EGH438	Biomaterials
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

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Year	2021
QUT code	ID20
CRICOS	096575M
Duration (full-time)	4 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Greg Mewes (Landscape Architecture); Dr Marion Bateson (Biological Science); Aspro Tim Dargaville (Chemistry); Dr Luke Nothdurft (Earth Science); Dr Andrew Baker (Environmental Science); Dr Konstantin Momot (Physics) (Science) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Design (Landscape Architecture)/Bachelor of Science

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
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Science Unit	
Science Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Science Unit	
Science Unit	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Science Unit	
Science Unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Science Unit	
Science Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Science Unit	
Science Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Science Unit	
Science Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Science Unit	
Science Unit	
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Science Unit	
Science Unit	
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Science Unit	
Science Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Science Unit	
Science Unit	
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Science Unit	
Science Unit	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Science Unit	
Science Unit	
Year 5, Semester 1	
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
- 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
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Science Unit	
Science Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Science Unit	
Science Unit	
Year 2, Semester 2	
DLB102	Landscape Studio 2

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DYB102	Impact Lab 2: People
Science Unit	
Science Unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Science Unit	
Science Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Science Unit	
Science Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Science Unit	
Science Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
Science Unit	
Science Unit	
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Science Unit	
Science Unit	
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Science Unit	
Science Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Science Unit	
Science Unit	
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Science Unit	
Science Unit	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Science Unit	
Science Unit	
Year 5, 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
Science Unit	
Science Unit	

Semesters

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	
BVB101	Foundations of Biology
BVB102	Evolution
Year 3 Semester 1	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
Year 3 Semester 2	
BVB201	Biological Processes
BVB204	Ecology
Year 4 Semester 1	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
Year 4 Semester 2	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
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	
BVB101	Foundations of Biology
BVB102	Evolution
Year 3, Semester 1	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
Year 3, Semester 2	
BVB201	Biological Processes
BVB204	Ecology
Year 4, Semester 1	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
Year 4, Semester 2	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
Year 5, Semester 1	
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
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	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 2 Semester 2	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
Year 3 Semester 1	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
Year 3 Semester 2	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
Year 4 Semester 1	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
Year 4 Semester 2	
CVB303	Coordination Chemistry
CVB304	Chemistry Research Project

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
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
ERB102	Evolving Earth
Year 3 Semester 1	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine Geoscience
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 Geoscience
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

- 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
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	

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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	

SEB116	Experimental Science 2
Year 2 Semester 2	
PVB102	Physics of the Very Small
PVB101	Physics of the Very Large
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	
SEB115	Experimental Science 1

Bachelor of Business/Bachelor of Design (Architecture)

Year	2021
QUT code	ID21
CRICOS	096576K
Duration (full-time)	4.5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $11,900 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Sarah Briant (Architecture); Associate Prof Belinda Luke (Accountancy); Dr Louise Kelly (Advertising); Dr Radhika Lahiri (Economics); Dr Mark Doolan (Finance); Dr Ali Mohammad (Human Resource Management); Dr Shane Mathews (International Business); Dr Kavoos Mohannak (Management); Prof Larry Neale (Marketing); and Dr Anne Lane (Public Relations) Design: +61 7 3138 2000; Business: +61 7 3138 2050 askqut@qut.edu.au (Architecture); bus@qut.edu.au (Business)

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: accountingadvertisingeconomicsfinancefinancial planninghuman resource managementinternational businessmanagementmarketingpublic relations.

Accountancy 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:

- business core units (96 credit points)
- a business major (96 credit points), choosing from: accountingadvertisingeconomicsfinancefinancial planninghuman resource managementinternational businessmanagementmarketingpublic relations.

Accountancy 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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Business School Unit	
Business School Unit	
Year 4, Semester 1	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
Business School Unit	
Business School Unit	
Year 5, Semester 1	
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
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	
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.	
Year 2, Semester 2	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
Year 4, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Business School Unit	
Business School Unit	
Year 4, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Business School Unit	
Business School Unit	
Year 5, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Business School Unit	
Business School 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

Semesters

Bachelor of Business/Bachelor of Design (Architecture)

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Business School Unit	
Business School Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Business School Unit	
Business School Unit	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Business School Unit	
Business School Unit	
Year 4, Semester 1	
DAB311	Systems and Structures
DYB102	Impact Lab 2: People
Business School Unit	
Business School Unit	
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB312	Building Services
Business School Unit	
Business School Unit	
Year 5, Semester 1	
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
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	
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.	
Year 2, Semester 2	
DYB102	Impact Lab 2: People
DYB114	Spatial Histories
Business School Unit	
Business School Unit	
Year 3, Semester 1	
DAB101	Architectural Design 1: Explorations
DAB200	Modern Architecture
Business School Unit	
Business School Unit	
Year 3, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB201	Impact Lab 3: Planet
Business School Unit	
Business School Unit	
Year 4, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Business School Unit	
Business School Unit	
Year 4, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Business School Unit	
Business School Unit	
Year 5, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
Business School Unit	
Business School 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, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
KKB341	Work Integrated Learning 1
KKB350	Creative Industries Study Tour
UXB301	Professional Practice

Semesters

Code	Title
Year 1, Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB111	Business Law and Ethics
BSB110	Accounting
Accountancy students undertake BSB110 and BSB111 as the Core Option Units to ensure professional accreditation.	
Year 2, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 2, Semester 2	
AYB225	Management Accounting
AYB200	Financial Accounting
Year 3, Semester 1	
AYB221	Accounting Systems and Analytics
EFB210	Finance 1

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Year 3, Semester 2	
AYB230	Corporations Law
AYB219	Taxation Law
Year 4, Semester 1	
AYB321	Strategic Management Accounting
AYB340	Company Accounting
Year 4, Semester 2	
AYB311	Financial Accounting Issues
AYB301	Audit and Assurance

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
- Core Options Units List:

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
AMB200	Consumer Behaviour
AMB201	Marketing and Audience Analytics
Year 2, Semester 2	
AMB220	Advertising Works
BSB108	Business Environment
Year 3, Semester 1	
AMB319	Consumers and Media Channels
BSB250	Business Citizenship
Year 3, Semester 2	
AMB318	Create Advertising
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
AMB320	Advertising Management
AMB330	Digital Optimisation
Year 4, Semester 2	
AMB339	Advertising Campaigns
BSB399	Real World Ready - Business Capstone
Core Options Units List:	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

"Select a unit from the Economics Options List or the Core Options Unit List" is repeated 5 times in this course progression. Please note that there are two (2) core options units and three (3) Economics Option Units in this pool. This has been done to give flexibility of choice as to when option units from the two groupsmay be undertaken.

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
- Core Options Units
- Economics Options List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
EFB222	Introduction to Applied Econometrics
Select a unit from the Core Options Unit List or The Economics Options List	
*Students undertake EFB222 as one of the Economics Options Units.	
Year 2, Semester 2	
EFB223	Economics 2
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 1	
EFB331	Intermediate Microeconomics
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 2	
BSB250	Business Citizenship
Select a unit from the Core Options Unit List or The Economics Options List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
EFB330	Intermediate Macroeconomics
Year 4, Semester 2	
EFB338	Contemporary Application of Economic Theory
Select a unit from the Core Options Unit List or The Economics Options List	
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
Economics Options List	
Select four units (48 credit points) from the Quantitative and/or Applied Economics Units List:	
EFB222	Introduction to Applied Econometrics
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB337	Game Theory and Applications
EFB201	Financial Markets
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB336	International Economics

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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 1, Semester 2	
BSB108	Business Environment
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB105	The Future Enterprise
EFB210	Finance 1
Year 2, Semester 2	
EFB201	Financial Markets

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Select a unit from the Core Options Unit list	
Year 3, Semester 1	
EFB343	Corporate Finance
EFB335	Investments
Year 3, Semester 2	
BSB250	Business Citizenship
EFB312	International Finance
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
EFB223	Economics 2
Year 4, Semester 2	
EFB360	Finance Capstone
EFB344	Risk Management and Derivatives
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Year 2, Semester 1	
BSB111	Business Law and Ethics
Select a unit frm the Core Options List	
Note: Financial Planning students undertake BSB111 as one of the two Core Options Units for professional accreditation purposes	
Year 2, Semester 2	
AYB219	Taxation Law
EFB210	Finance 1
Year 3, Semester 1	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Year 3, Semester 2	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Year 4, Semester 1	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and Client Relationships
Year 4, Semester 2	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Core Options Units List	
Financial Planning students select BSB111 and one other (12 credit points) from the Core Options Units List	
BSB111	Business Law and Ethics
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
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
- Core Unit Options List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB214	Introducing People Management and Analytics
MGB200	Managing People
Year 2, Semester 2	
MGB229	Obligations and Options for Employing People
Select a unit from the Core Options Unit List	
Year 3, Semester 1	
BSB250	Business Citizenship
MGB230	Recruiting and Selecting People
Year 3, Semester 2	
MGB331	Developing People
MGB339	Managing Performance and Rewards
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
Select one unit (12 credit points) from the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
MGB306	Independent Study
Year 4, Semester 2	
MGB372	Creating Value through People
Select a unit from the Core Options Unit List	
Core Unit Options List	
Select two units (24 credit points) from the Core Options Unit List:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
AMB210	Importing and Exporting

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Select a unit frm the Core Options List	
Year 2, Semester 2	
MGB225	Intercultural Communication and Negotiation Skills
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
AYB227	International Accounting
BSB250	Business Citizenship
Year 3, Semester 2	
EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Year 4, Semester 1	
AMB303	International Logistics
AMB336	International Marketing
Year 4, Semester 2	
AMB369	International Business Strategy
BSB399	Real World Ready - Business Capstone
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB108	Business Environment
Select a unit from the Core Options List	
Year 2, Semester 2	
AMB200	Consumer Behaviour
AMB240	Marketing Planning and Management
Year 3, Semester 1	
AMB202	Integrated Marketing Communication
AMB201	Marketing and Audience Analytics
Year 3, Semester 2	
BSB250	Business Citizenship
AMB330	Digital Optimisation
Year 4, Semester 1	
AMB340	Services Marketing
AMB336	International Marketing
Year 4, Semester 2	
BSB399	Real World Ready - Business Capstone
AMB359	Strategic Marketing
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB225	Intercultural Communication and Negotiation Skills
MGB200	Managing People
Year 2, Semester 2	
MGB226	Innovation, Knowledge and Creativity
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
BSB250	Business Citizenship
Select one of the following:	
MGB210	Managing Operations
MGB227	Entrepreneurship
Students undertaking the Management stream must complete MGB210. Students undertaking the Entrepreneurship stream must complete MGB227.	
Year 3, Semester 2	
Select a unit from the Core Options Unit List	
Select one of the following:	
MGB335	Managing Projects
MGB324	Managing Business Growth
Students undertaking the Management stream must complete MGB335. Students undertaking the Entrepreneurship stream must complete MGB324.	
Year 4, Semester 1	
MGB341	Managing Risk
BSB399	Real World Ready - Business Capstone
Year 4, Semester 2	
MGB309	Managing Strategically
Select one of the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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

Bachelor of Business/Bachelor of Design (Architecture)

- Year 4, Semester 2
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
AMB264	Media Relations and Publicity
AMB263	Introduction to Public Relations
Year 2, Semester 2	
AMB201	Marketing and Audience Analytics
AMB372	Public Relations Planning
Year 3, Semester 1	
BSB250	Business Citizenship
AMB374	Global Public Relations Cases
Year 3, Semester 2	
AMB375	Internal Communication and Change
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
AMB373	Issues, Stakeholders and Reputation
Year 4, Semester 2	
AMB379	Public Relations Campaigns
Select a unit from the Core Options Unit List	
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

Bachelor of Business/Bachelor of Engineering (Honours)

Year	2021
QUT code	IX59
CRICOS	084925D
Duration (full-time)	5 years
ATAR/Selection rank	76.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $10,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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	+61 7 3138 2050; +61 7 3138 2000 bus@qut.edu.au; 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 accountancy major units to allow them to complete professional requirements.

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

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

Bachelor of Business/Bachelor of Engineering (Honours)

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
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400 -1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

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

Bachelor of Business/Bachelor of Engineering (Honours)

- 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	
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	
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 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
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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

Bachelor of Business/Bachelor of Engineering (Honours)

Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

	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 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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

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	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB111	Business Law and Ethics
BSB110	Accounting
Accountancy students undertake BSB110 and BSB111 as the Core Option Units to ensure professional accreditation.	
Year 2, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 2, Semester 2	
AYB225	Management Accounting
AYB200	Financial Accounting
Year 3, Semester 1	
AYB221	Accounting Systems and Analytics
EFB210	Finance 1
Year 3, Semester 2	
AYB230	Corporations Law
AYB219	Taxation Law
Year 4, Semester 1	
AYB321	Strategic Management Accounting
AYB340	Company Accounting
Year 4, Semester 2	
AYB311	Financial Accounting Issues
AYB301	Audit and Assurance

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
- Core Options Units List:

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
AMB200	Consumer Behaviour
AMB201	Marketing and Audience Analytics
Year 2, Semester 2	
AMB220	Advertising Works
BSB108	Business Environment
Year 3, Semester 1	
AMB319	Consumers and Media Channels
BSB250	Business Citizenship
Year 3, Semester 2	
AMB318	Create Advertising
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
AMB320	Advertising Management
AMB330	Digital Optimisation
Year 4, Semester 2	
AMB339	Advertising Campaigns
BSB399	Real World Ready - Business Capstone
Core Options Units List:	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

"Select a unit from the Economics Options List or the Core Options Unit List" is repeated 5 times in this course progression. Please note that there are two (2) core options units and three (3) Economics Option Units in this pool. This has been done to give flexibility of choice as to when option units from the two groupsmay be undertaken.

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
- Core Options Units
- Economics Options List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
EFB222	Introduction to Applied Econometrics
Select a unit from the Core Options Unit List or The Economics Options List	
*Students undertake EFB222 as one of the Economics Options Units.	
Year 2, Semester 2	
EFB223	Economics 2
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 1	
EFB331	Intermediate Microeconomics
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 2	
BSB250	Business Citizenship
Select a unit from the Core Options Unit List or The Economics Options List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
EFB330	Intermediate Macroeconomics
Year 4, Semester 2	
EFB338	Contemporary Application of Economic Theory
Select a unit from the Core Options Unit List or The Economics Options List	
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
Economics Options List	
Select four units (48 credit points) from the Quantitative and/or Applied Economics Units List:	
EFB222	Introduction to Applied Econometrics
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB337	Game Theory and Applications
EFB201	Financial Markets
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB336	International Economics

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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 1, Semester 2	
BSB108	Business Environment
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB105	The Future Enterprise
EFB210	Finance 1
Year 2, Semester 2	
EFB201	Financial Markets
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
EFB343	Corporate Finance
EFB335	Investments
Year 3, Semester 2	
BSB250	Business Citizenship
EFB312	International Finance
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone

Bachelor of Business/Bachelor of Engineering (Honours)

EFB223	Economics 2
Year 4, Semester 2	
EFB360	Finance Capstone
EFB344	Risk Management and Derivatives
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Year 2, Semester 1	
BSB111	Business Law and Ethics
Select a unit frm the Core Options List	
Note: Financial Planning students undertake BSB111 as one of the two Core Options Units for professional accreditation purposes	
Year 2, Semester 2	
AYB219	Taxation Law
EFB210	Finance 1
Year 3, Semester 1	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Year 3, Semester 2	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Year 4, Semester 1	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and

	Client Relationships
Year 4, Semester 2	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Core Options Units List	
Financial Planning students select BSB111 and one other (12 credit points) from the Core Options Units List	
BSB111	Business Law and Ethics
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
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
- Core Unit Options List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB214	Introducing People Management and Analytics
MGB200	Managing People
Year 2, Semester 2	
MGB229	Obligations and Options for Employing People
Select a unit from the Core Options Unit List	
Year 3, Semester 1	
BSB250	Business Citizenship
MGB230	Recruiting and Selecting People
Year 3, Semester 2	
MGB331	Developing People
MGB339	Managing Performance and Rewards
Year 4, Semester 1	

BSB399	Real World Ready - Business Capstone
Select one unit (12 credit points) from the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
MGB306	Independent Study
Year 4, Semester 2	
MGB372	Creating Value through People
Select a unit from the Core Options Unit List	
Core Unit Options List	
Select two units (24 credit points) from the Core Options Unit List:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
AMB210	Importing and Exporting
Select a unit frm the Core Options List	
Year 2, Semester 2	
MGB225	Intercultural Communication and Negotiation Skills
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
AYB227	International Accounting
BSB250	Business Citizenship
Year 3, Semester 2	

Bachelor of Business/Bachelor of Engineering (Honours)

EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Year 4, Semester 1	
AMB303	International Logistics
AMB336	International Marketing
Year 4, Semester 2	
AMB369	International Business Strategy
BSB399	Real World Ready - Business Capstone
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB225	Intercultural Communication and Negotiation Skills
MGB200	Managing People
Year 2, Semester 2	
MGB226	Innovation, Knowledge and Creativity
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
BSB250	Business Citizenship
Select one of the following:	
MGB210	Managing Operations
MGB227	Entrepreneurship
Students undertaking the Management stream must complete MGB210. Students undertaking the Entrepreneurship stream must complete MGB227.	
Year 3, Semester 2	
Select a unit from the Core Options Unit List	
Select one of the following:	
MGB335	Managing Projects
MGB324	Managing Business Growth
Students undertaking the Management stream must complete MGB335. Students undertaking the Entrepreneurship stream must complete MGB324.	
Year 4, Semester 1	
MGB341	Managing Risk
BSB399	Real World Ready - Business Capstone
Year 4, Semester 2	
MGB309	Managing Strategically
Select one of the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB108	Business Environment
Select a unit from the Core Options List	
Year 2, Semester 2	
AMB200	Consumer Behaviour
AMB240	Marketing Planning and Management
Year 3, Semester 1	
AMB202	Integrated Marketing Communication
AMB201	Marketing and Audience Analytics
Year 3, Semester 2	
BSB250	Business Citizenship
AMB330	Digital Optimisation
Year 4, Semester 1	
AMB340	Services Marketing
AMB336	International Marketing
Year 4, Semester 2	
BSB399	Real World Ready - Business Capstone
AMB359	Strategic Marketing
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility

Bachelor of Business/Bachelor of Engineering (Honours)

Year 2, Semester 1	
AMB264	Media Relations and Publicity
AMB263	Introduction to Public Relations
Year 2, Semester 2	
AMB201	Marketing and Audience Analytics
AMB372	Public Relations Planning
Year 3, Semester 1	
BSB250	Business Citizenship
AMB374	Global Public Relations Cases
Year 3, Semester 2	
AMB375	Internal Communication and Change
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
AMB373	Issues, Stakeholders and Reputation
Year 4, Semester 2	
AMB379	Public Relations Campaigns
Select a unit from the Core Options Unit List	
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

Bachelor of Urban Development (Honours) (Urban and Regional Planning)/Bachelor of Science (Environmental Science)

Year	2021
QUT code	SE05
CRICOS	0102144
Duration (full-time)	5 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $35,800 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 Paul Donehue (Urban Development majors); Dr Graham Johnson (Science majors)
Discipline Coordinator	Mellini Sloan (Urban and Regional Planning); Dr Andrew Baker (Environmental Science) +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

QUT 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 20 November, 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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.

Envrionmental 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.

Envrionmental 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

Bachelor of Urban Development (Honours) (Urban and Regional Planning)/Bachelor of Science (Environmental Science)

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Year 1, Semester 2	
Science: Core Unit Option	
Environmental Science Major Option Unit	
UXB133	Urban Studies
UXB134	Land Use Planning
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
Year 2, Semester 2	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
Year 3, Semester 1	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 3, Semester 2	
BVB204	Ecology
EVB302	Environmental Pollution
UXB230	Site Planning
UXB234	Transport Planning
Year 4, Semester 1	
EVB312	Soils and the Environment
OR	
BVB311	Conservation Biology
USB300	Property Development
UXB330	Urban Design
UXH430	Planning Theory and Ethics
Year 4, Semester 2	
EVB304	Case Studies in Environmental Science
ERB310	Groundwater Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
EVB312	Soils and the Environment
OR (if EVB312 completed previously)	
BVB311	Conservation Biology
BSB113	Economics
UXH400-1	Project - Part A
UXH431	Urban Planning Practice
Year 5, Semester 2	
UXH331	Environmental Planning
UXH432	Community Planning
UXH433	Regional Planning
UXH400-2	Project - Part B

Bachelor of Engineering (Honours)/Bachelor of Mathematics

Year	2021
QUT code	SE40
CRICOS	084922G
Duration (full-time)	5 years
ATAR/Selection rank	87.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $6,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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)
Discipline Coordinator	Dr Thomas Rainey (Chemical Process), Associate Professor Jonathan Bunker (Civil); Dr Wayne Kelly (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 Pascal Buenzli (Applied and Computational Mathematics); Dr Paul Wu (Operations Research; and Statistics) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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
MXB161	Computational Explorations
Year 2 Semester 1	
MXB101	Probability and Stochastic Modelling 1
Maths Core Options Unit	
Year 2 Semester 2	
MXB103	Introductory Computational Mathematics

Bachelor of Engineering (Honours)/Bachelor of 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
Maths Core Options Unit	
Please note: SE40 students will do MXB161 as part of their Engineering Maths units.	
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
Maths Core Options Unit	
Please note: SE40 students will do MXB161 as part of their Engineering Maths units.	
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

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
- Year 5 - Semester 1
- Year 5 - Semester 2

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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 and Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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Semesters

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

Semesters

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400-1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer and Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Computer and Software Systems Option Unit	

Semesters

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	
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	
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)	

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Advanced Electrical Option Unit (5)

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
- Year 5 - Semester 1
- Year 5 - Semester 2

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	

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
- Year 5 - Semester 1
- Year 5 - Semester 2

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	Strength of Materials
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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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
- Year 5 - Semester 1
- Year 5 - Semester 2

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH446	Autonomous Systems
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH413	Advanced Dynamics
EGH445	Modern Control
Advanced Electrical Option Unit	

Semesters

- Year 1 - Semester 1
- Year 1 - Semester 2
- Year 2 - Semester 1
- Year 2 - Semester 2
- Year 3 - Semester 1

Bachelor of Engineering (Honours)/Bachelor of Mathematics

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

Bachelor of Engineering (Honours)/Bachelor of Information Technology

Year	2021
QUT code	SE60
CRICOS	084923F
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,100 per year full-time (96 credit points)
International fee (indicative)	2021: $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 Wayne Kelly (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 Wayne Kelly (Computer Science); and Dr Erwin Fielt (Information Systems) +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 Subject prerequisites

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

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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 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

PLEASE NOTE:

For students taking the **IT: Computer Science major with Engineering: Computer & Software Systems major**, please refer to the "IT Units: Computer Science/Eng Computer Software Sys Majors ONLY (SE60MJR-CSSES)" structure instead.

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
- Computer Science Major Unit Options

Code	Title
Semester 1 (February) commencements	

Bachelor of Engineering (Honours)/Bachelor of Information Technology

Year 1, Semester 1	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 1, Semester 2	
IFB104	Building IT Systems
IFB105	Database Management
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 1, Semester 2	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 2, Semester 1	
IFB104	Building IT Systems
IFB105	Database Management
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

PLEASE NOTE:

This structure Is ONLY for the combination of IT Computer Science and Engineering Computer & Software Systems Majors.

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 1, Semester 2	
IFB104	Building IT Systems
IFB105	Database Management
Year 2, Semester 1	
IT Core Unit Option	
IT Core Unit Option	
Year 2, Semester 2	
Computer Science Major Unit Option 1	
Computer Science Major Unit Option 2	
CAB201 and CAB202 are core to EN01 Computer Software Systems Major	
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 3	
Semester 2 (July) commencements	
Year 1, Semester 2	

Bachelor of Engineering (Honours)/Bachelor of Information Technology

IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 2, Semester 1	
IFB104	Building IT Systems
IFB105	Database Management
Year 2, Semester 2	
Computer Science Major Unit Option 1	
IT Core Unit Option	
Year 3, Semester 1	
CAB203	Discrete Structures
Computer Science Major Unit Option 2	
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 3	
Year 5, Semester 1	
IFB399	Capstone Project (Phase 2)
Computer Science Major Unit Option 3	
OR	
IT Core Unit Option	
(Select IT Core Unit Option here, if not selected previously.)	
Computer Science Major Unit Options	
As CAB201 and CAB202 are core to EN01 Computer Software Systems Major, SE60MJR-CSSECS students will undertake two extra Computer Science Major option units in place of CAB201 and CAB202.	
CAB310	Interaction and Experience Design
CAB320	Artificial Intelligence
CAB330	Data and Web Analytics
CAB340	Cryptography
CAB401	High Performance and Parallel Computing
CAB402	Programming Paradigms
CAB420	Machine Learning
CAB430	Data and Information Integration
CAB431	Search Engine Technology
CAB432	Cloud Computing
CAB440	Network and Systems Administration
CAB441	Network Security

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 1, Semester 2	
IFB104	Building IT Systems
IFB105	Database Management
Year 2, Semester 1	
IT Core Unit Option	
IT Core Unit Option	
Year 2, Semester 2	
CAB201	Programming Principles
CAB202	Microprocessors and Digital Systems
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)
Select one of:	
CAB401	High Performance and Parallel Computing
CAB402	Programming Paradigms
CAB403	Systems Programming
CAB420	Machine Learning
Semester 2 (July) commencements	
Year 1, Semester 2	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design

Year 2, Semester 1	
IFB104	Building IT Systems
IFB105	Database Management
Year 2, Semester 2	
CAB201	Programming Principles
IT Core Unit Option	
Year 3, Semester 1	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
Year 3, Semester 2	
CAB303	Networks
IFB295	IT Project Management
Year 4, Semester 1	
CAB203	Discrete Structures
CAB302	Software Development
Year 4, Semester 2	
IFB398	Capstone Project (Phase 1)
Select ONE of:	
CAB401	High Performance and Parallel Computing
CAB403	Systems Programming
OR IT Core Unit Option	
Year 5, Semester 1	
IFB399	Capstone Project (Phase 2)
Select ONE of:	
CAB402	Programming Paradigms
CAB420	Machine Learning
OR IT Core Unit Option	
(Select IT Core Unit Option here, if not selected previously.)	

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 1, Semester 2	

Bachelor of Engineering (Honours)/Bachelor of Information Technology

IFB104	Building IT Systems
IFB105	Database Management
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
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 1, Semester 2	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 2, Semester 1	
IFB104	Building IT Systems
IFB105	Database Management
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

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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
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	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Electrical Option Unit	
Advanced Software Option 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
- 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	
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	
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 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	

Bachelor of Engineering (Honours)/Bachelor of Information Technology

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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 1 - Semester 1

Bachelor of Engineering (Honours)/Bachelor of Information Technology

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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

Bachelor of Engineering (Honours)/Bachelor of Science

Year	2021
QUT code	SE80
CRICOS	084924E
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,200 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Thomas Rainey (Chemical Process), Associate Professor Jonathan Bunker (Civil); Dr Wayne Kelly (Computer & Software Systems); Dr Jacob Coetzee (Electrical); Dr Aaron Mcfadyen (Electrical & Aerospace); Dr Wim Dekkers/Prof Ted Steinberg (Mechanical); Aspro Luis Alvarez (Mechatronics); Aspro Devakar Epari (Medical); Dr Marion Bateson (Biological Science); Aspro Tim Dargaville (Chemistry); Dr Luke Nothdurft (Earth Science); Dr Andrew Baker (Environmental Science); and Aspro Jamie Trapp (Physics) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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:

- 6 units (72 credit points) of science core units, which includes 2 units (24 credit points) of option units* selected from an approved list.
- 10 units (120 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:

- 6 units (72 credit points) of science core units, which includes 2 units (24 credit points) of option units* selected from an approved list.
- 10 units (120 credit points) of Major core 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
- 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
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	
BVB101	Foundations of Biology
BVB102	Evolution
Year 3 Semester 1	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
Year 3 Semester 2	
BVB201	Biological Processes
BVB204	Ecology
Year 4 Semester 1	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
Year 4 Semester 2	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
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	
BVB101	Foundations of Biology
BVB102	Evolution
Year 3, Semester 1	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
Year 3, Semester 2	
BVB201	Biological Processes
BVB204	Ecology
Year 4, Semester 1	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
Year 4, Semester 2	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
Year 5, Semester 1	
Science Core Unit Option	
Science Major Unit Option	

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
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 1 Semester 2	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
Year 2 Semester 1	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 2 Semester 2	
CVB210	Chemical Measurement Science
Science Core Unit Option	
Year 3 Semester 1	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
Year 3 Semester 2	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
Year 4 Semester 1	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
Year 4 Semester 2	
CVB303	Coordination Chemistry
CVB304	Chemistry Research Project
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	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
Year 3, Semester 1	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
Year 3, Semester 2	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
Year 4, Semester 1	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
Year 4, Semester 2	
CVB210	Chemical Measurement Science
CVB303	Coordination Chemistry
Year 5, Semester 1	
CVB304	Chemistry Research Project
Science Core Unit Option	

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
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
ERB102	Evolving Earth
Year 3 Semester 1	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine Geoscience

Bachelor of Engineering (Honours)/Bachelor of Science

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 Geoscience
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

- 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
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

- 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
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB113	Quantitative Methods in Science
SEB115	Experimental Science 1
Year 1 Semester 2	
SEB104	Grand Challenges in Science
PVB102	Physics of the Very Small
Year 2 Semester 1	
PVB203	Experimental Physics
SEB116	Experimental Science 2
Year 2 Semester 2	
PVB200	Computational and Mathematical Physics
Science Core Unit Option	
Year 3 Semester 1	
PQB360	Introduction to Climate Change
PVB210	Stellar Astrophysics
Year 3 Semester 2	
PVB204	Electromagnetism

Bachelor of Engineering (Honours)/Bachelor of Science

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

- 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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB361	Minerals and Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

Semesters

- Semester 1 (February) commencements
- Year 1 - Semester 1
- Year 1 - Semester 2
- Year 2 - Semester 1

Bachelor of Engineering (Honours)/Bachelor of Science

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400 -1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

Semesters

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	
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	
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

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	
EGH400 -1	Research Project 1

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EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 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	Strength of Materials
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 3 - Semester 2	

Bachelor of Engineering (Honours)/Bachelor of Science

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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

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

Year	2021
QUT code	DE42
CRICOS	079947G
Duration (full-time)	4 years
ATAR/Selection rank	93.00
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,000 per year full-time (96 credit points)
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	Program Director, School of Design
Discipline Coordinator	Sarah Briant +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

Year3

- 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.

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 4, Semester 2	
DAB312	Building Services
DAH811	Architectural Design 8

Bachelor of Design (Honours) (Landscape Architecture)

Year	2021
QUT code	DE42
CRICOS	079947G
Duration (full-time)	4 years
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
Discipline Coordinator	Dr Greg Mews +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

- 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

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.

Bachelor of Engineering (Honours)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee

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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations

Bachelor of Engineering (Honours)

Year 1 - Semester 2	
MZB126	Engineering Computation
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
Year 1 - Semester 2	
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	
Year 2 - Semester 1	
MZB126	Engineering Computation
EGB111	Foundation of Engineering Design
Plus select 24cp (2 units) from ONE of the Engineering Foundation Strands	

Bachelor of Engineering (Honours) (Chemical Process)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Thomas Rainey +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Chemical Process)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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
Year 2, Semester 1	
EGB261	Unit Operations
EGB262	Process Principles
EGB323	Fluid Mechanics
2nd Major/Minor Unit	
Year 2, Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
Year 3, Semester 1	
EGB361	Minerals and Minerals Processing
EGB362	Operations Management and Process Economics
2nd Major/Minor Unit	
2nd Major/Minor Unit	
Year 3, Semester 2	
EGB364	Process Modelling
EGH404	Research in Engineering Practice
EGH411	Industrial Chemistry
EGH422	Advanced Thermodynamics
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH463	Plant and Process Design
2nd Major/Minor Unit	
2nd Major/Minor Unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH423	Fluids Dynamics
EGH462	Process Control
2nd Major/Minor Unit	

Bachelor of Engineering (Honours) (Civil)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Associate Professor Jonathan Bunker +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 Engeering

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 (144credit 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

- Year 4, Semester 2

Code	Title
Year 2, Semester 1	
EGB270	Civil Engineering Materials
EGB272	Traffic and Transport Engineering
EGB275	Structural Mechanics
EGB371	Engineering Hydraulics
Year 2, Semester 2	
EGB273	Principles of Construction
EGB373	Geotechnical Engineering
EGB376	Steel Design
EGH471	Advanced Water Engineering
Year 3, Semester 1	
EGB375	Design of Concrete Structures
EGH473	Advanced Geotechnical Engineering
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH472	Advanced Highway and Pavement Engineering
EGH475	Advanced Concrete Structures
2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
2nd Major/Minor unit	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH479	Advances in Civil Engineering Practice
2nd Major/Minor unit	
2nd Major/Minor unit	

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) (Computer and Software Systems)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Wayne Kelly +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

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

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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 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
Year 2, Semester 1	
CAB201	Programming Principles
EGB242	Signal Analysis
2nd Major/Minor unit	
2nd Major/Minor unit	
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	

Bachelor of Engineering (Honours) (Electrical and Aerospace)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Aaron Mcfadyen +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Electrical and Aerospace)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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
Year 2, Semester 1	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
EGB242	Signal Analysis
EGB243	Aircraft Systems and Flight
Year 2, Semester 2	
EGB345	Control and Dynamic Systems
EGB346	Unmanned Aircraft Systems
Intermediate Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
Year 3, Semester 1	
EGB349	Systems Engineering and Design Project
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
EGH450	Advanced Unmanned Aircraft Systems
2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH445	Modern Control
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
Advanced Electrical & Aerospace Unit Option	
2nd Major/Minor unit	
2nd Major/Minor unit	

Bachelor of Engineering (Honours) (Electrical)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Jacob Coetzee +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Electrical)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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
- Intermediate Electrical Unit Options List
- Advanced Electrical Unit Options List

Code	Title
Year 2, Semester 1	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
EGB241	Electromagnetics and Machines
EGB242	Signal Analysis
Year 2, Semester 2	
Intermediate Electrical Option Unit[1]	
Intermediate Electrical Option Unit[2]	
Intermediate Electrical Option Unit[3]	
2nd Major/Minor unit[1]	
Year 3, Semester 1	
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]	
Year 3, Semester 2	
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
Year 4, Semester 1	
EGH400-1	Research Project 1
2nd Major/Minor unit[4]	
2nd Major/Minor unit[5]	
2nd Major/Minor unit[6]	
Year 4, Semester 2	
EGH400-2	Research Project 2
Advanced Electrical Option Unit[5]	
2nd Major/Minor unit[7]	
2nd Major/Minor unit[8]	
Intermediate Electrical Unit Options List	
EGB341	Energy Supply and Delivery
EGB342	Telecommunications and Signal Processing
EGB345	Control and Dynamic Systems
EGB348	Electronics
Advanced Electrical 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
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)

Bachelor of Engineering (Honours) (Mechanical)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Dr Wim Dekkers/Professor Ted Steinberg +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Mechanical)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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
Year 2, Semester 1	
EGB211	Dynamics
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
EGB323	Fluid Mechanics
Year 2, Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB322	Thermodynamics
2nd Major/Minor unit option	
2nd Major/Minor unit option	
Year 3, Semester 1	
EGB316	Design of Machine Elements
EGB321	Dynamics of Machines
EGH414	Stress Analysis
2nd Major/Minor unit option	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
2nd Major/Minor unit option	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH421	Vibration and Control
2nd Major/Minor unit option	
2nd Major/Minor unit option	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
2nd Major/Minor unit option	
2nd Major/Minor unit option	

Bachelor of Engineering (Honours) (Mechatronics)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Associate Professor Luis Alvarez +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Mechatronics)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
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

Code	Title
Year 2, Semester 1	
CAB202	Microprocessors and Digital Systems
EGB242	Signal Analysis
EGB211	Dynamics
2nd Major/Minor unit	
EGB220	Mechatronics Design 1
2nd Major/Minor Unit	
Year 2, Semester 2	
EGB345	Control and Dynamic Systems
EGB211	Dynamics
2nd Major/Minor unit	
EGB320	Mechatronics Design 2
2nd Major/Minor unit	
Intermediate Electrical Unit Option OR 2nd Major/Minor unit	
Year 3, Semester 1	
EGB321	Dynamics of Machines
2nd Major/Minor unit	
EGH446	Autonomous Systems
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	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH413	Advanced Dynamics
2nd Major/Minor unit	
EGB320	Mechatronics Design 2
OR	
EGH445	Modern Control
Intermediate/ Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH419	Mechatronics Design 3
2nd Major/Minor unit	
EGH446	Autonomous Systems
2nd Major/Minor unit	
Advanced Electrical Unit Option OR 2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH413	Advanced Dynamics
2nd Major/Minor unit	
EGH445	Modern Control
2nd Major/Minor unit	
Advanced Electrical Unit Option OR 2nd Major/Minor unit	

Bachelor of Engineering (Honours) (Medical)

Year	2021
QUT code	EN01
CRICOS	084921G
Duration (full-time)	4 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Jacob Coetzee
Discipline Coordinator	Associate Professor Devakar Epari +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

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 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 advanced diploma 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. 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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

Bachelor of Engineering (Honours) (Medical)

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
Year 1 - Semester 1	
EGB100	Engineering Sustainability and Professional Practice
EGB111	Foundation of Engineering Design
EGB113	Energy in Engineering Systems
MZB125	Introductory Engineering Mathematics
OR	
MXB161	Computational Explorations
Year 1 - Semester 2	
MZB126	Engineering Computation
Plus 36cp from ONE of the Engineering Foundation Strands	
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 2, Semester 2	
EGB210	Fundamentals of Mechanical Design
LSB231	Physiology
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 1	
EGB319	BioDesign
EGB323	Fluid Mechanics
EGH414	Stress Analysis
2nd Major/Minor unit	
Year 3, Semester 2	
EGH404	Research in Engineering Practice
EGH418	Biomechanics
EGH424	Biofluids
2nd Major/Minor unit	
Year 4, Semester 1	
EGH400-1	Research Project 1
EGH438	Biomaterials
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
EGH400-2	Research Project 2
EGH435	Modelling and Simulation for Medical Engineers
2nd Major/Minor unit	
2nd Major/Minor unit	

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
Year 2, Semester 1	
EGB211	Dynamics
EGB214	Materials and Manufacturing
EGB314	Strength of Materials

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

Year	2021
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,700 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Dr Jacob Coetzee (Engineering); phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	Dr Rafael Gomez (Industrial Design); 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) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 your 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 your 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.

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.

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

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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DNB110	ID Studio 1: User Centred Design
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DNB111	ID Studio 2: Aesthetics and Visualisation
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DNB210	ID Studio 3: Interaction and Experience
DNB211	ID Studio 4: Manufacturing Technology
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DNB212	ID Studio 5: Applied Technology
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DNB311	ID Studio 7: Capstone
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB123	Emerging Design Technology
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DNB111	ID Studio 2: Aesthetics and Visualisation
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DNB211	ID Studio 4: Manufacturing Technology
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DNB212	ID Studio 5: Applied Technology
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DNB210	ID Studio 3: Interaction and Experience
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DNB311	ID Studio 7: Capstone
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
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	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

Semesters

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

- 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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400-1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software	

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

Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

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	
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	
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 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
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
Year 3 - Semester 2	

Bachelor of Design (Industrial Design)/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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

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

Year	2021
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2021: CSP $7,700 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Dr Jacob Coetzee (Engineering); phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	Dr Jen Seevinck (Interaction Design); 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) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 your years, and concentrate on engineering studies for the remainder of this course.

Creative Industries component

Your creative industries studies will include:

- a design major (144 credit points), including four shared foundation units (48 credit points) and 96 credit points from the interaction design discipline
- four school-wide impact lab units (48 credit points).

Engineering component

Your engineering studies will include:

- four core units (48 credit points) and two core options (24 credit points)
- eight engineering major units (96 credit points)
- eight honours-level units (96 credits points).

You must choose a major from:

- chemical process engineering
- civil engineering
- computer and software systems engineering
- electrical engineering
- electrical and aerospace engineering
- mechatronics engineering
- mechanical engineering
- medical engineering

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 your 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)
- 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

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

- 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
- 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
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB121	Introducing Design Fabrication
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
DYB102	Impact Lab 2: People
DYB123	Emerging Design Technology
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
DXB110	Principles of Interaction Design
DYB122	Design Visualisations
Engineering Unit	
Year 2, Semester 2	
DXB111	Introduction to Web Design
DYB124	Design Consequences
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DXB210	Critical Experience Design
DXB211	Creative Coding
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DXB212	Tangible Media
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DXB311	Advanced Interaction Design Project
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB123	Emerging Design Technology
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
DYB121	Introducing Design Fabrication
DYB122	Design Visualisations
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DYB124	Design Consequences
DXB111	Introduction to Web Design
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DXB110	Principles of Interaction Design
DXB211	Creative Coding
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DYB102	Impact Lab 2: People
DXB212	Tangible Media
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DXB210	Critical Experience Design
DXB310	Augmented Interactions
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DXB311	Advanced Interaction Design Project
Engineering Unit	
Engineering Unit	
Year 5, 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	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering 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

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

- 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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400-1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2

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

EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

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	
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	
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 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
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
Year 3 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB211	Dynamics

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

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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

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

Year	2021
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,700 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Dr Jacob Coetzee (Engineering); phone +61 7 3138 2000; email: askqut@qut.edu.au
Discipline Coordinator	Dr Greg Mews (Landscape 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) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 your 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 your 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
- 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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
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	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
Year 5, 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
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	

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

Engineering Unit
Engineering Unit

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
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	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
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	
DLB102	Landscape Studio 2
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
Engineering Unit	
Engineering Unit	
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
Engineering Unit	
Engineering Unit	
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
Engineering Unit	
Engineering Unit	
Year 5, Semester 1	
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	
Year 5, Semester 2	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Year 6, Semester 1	
Engineering Unit	
Engineering Unit	
Engineering Unit	
Engineering Unit	

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1 - Semester 1	

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

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
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400-1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

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

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	
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	
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 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
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	
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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

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

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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

Bachelor of Design/Bachelor of Engineering (Honours)

Year	2021
QUT code	ID14
CRICOS	096569J
Duration (full-time)	5 years
Campus	Gardens Point, Kelvin Grove
Domestic fee (indicative)	2021: CSP $7,700 per year full-time (96 credit points)
International fee (indicative)	2021: $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; Dr Jacob Coetzee (Engineering); phone +61 7 3138 2000; email: askqut@qut.edu.au

Minimum English requirements

Students must meet the English proficiency requirements.

Bachelor of Design (Architecture) / Bachelor of Urban Development (Honours) (Quantity Surveying and Cost Engineering)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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)

Minimum English requirements

Students must meet the English proficiency requirements.

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 units24 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 units24 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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 3, Semester 2	
DYB201	Impact Lab 3: Planet
DAB202	Architectural Design 4: Metro
LWS012	Urban Development Law
UXB220	Services and Heavy Engineering Measurement
Year 4, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB211	Environmental Principles of Architectural Design
UXB211	Building Services
UXH310	High-rise Construction
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH420	Risk Management in the Energy and Resources Sectors
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH321	Cost Planning and Controls
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB113	Measurement for Construction
LWS012	Urban Development Law
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
UXB213	Advanced Measurement for Construction
UXB115	Introduction to Modern Construction Business
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DYB114	Spatial Histories
UXB114	Integrated Construction
UXB220	Services and Heavy Engineering Measurement
Year 4, Semester 1	
DAB200	Modern Architecture
DAB211	Environmental Principles of Architectural Design
UXB210	Commercial Construction
BSB113	Economics
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXH321	Cost Planning and Controls
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
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

Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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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- 24 credit points capstone project.

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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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DAB200	Modern Architecture
DAB201	Architectural Design 3: Dwelling
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB211	Environmental Principles of Architectural Design
UXB211	Building Services
UXH310	High-rise Construction
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DYB114	Spatial Histories
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
DAB200	Modern Architecture
DAB211	Environmental Principles of Architectural Design
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
DYB201	Impact Lab 3: Planet
DAB301	Architectural Design 5: Commercial
UXB211	Building Services
UXH310	High-rise Construction
Year 5, Semester 2	
UXH312	Construction Legislation

Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
Year 6, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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); Mellini Sloan (Urban and Regional Planning) +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.

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

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) (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

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

Bachelor of Design (Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
BSB113	Economics
UXB130	History of the Built Environment
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
UXB230	Site Planning
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
DYB201	Impact Lab 3: Planet
UXB234	Transport Planning
Year 4, Semester 1	
DAB200	Modern Architecture
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
UXB301	Professional Practice
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
Year 5, Semester 2	
UXH331	Environmental Planning
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB133	Urban Studies
UXB134	Land Use Planning
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DYB102	Impact Lab 2: People
LWS012	Urban Development Law
UXB230	Site Planning
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DYB112	Spatial Materiality
DAB211	Environmental Principles of Architectural Design
UXB130	History of the Built Environment
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
UXB135	Negotiation and Conflict Resolution
UXB234	Transport Planning
Year 4, Semester 1	
DAB301	Architectural Design 5: Commercial
DAB311	Systems and Structures
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 4, Semester 2	
DAB302	Architectural Design 6: Communities
DAB303	Integrated Architectural Technology
DAB312	Building Services
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
DAB200	Modern Architecture
DYB201	Impact Lab 3: Planet
BSB113	Economics
UXB301	Professional Practice
Year 5, Semester 2	
UXH331	Environmental Planning
UXH400-1	Project - Part A
UXH432	Community Planning
UXH433	Regional Planning
Year 6, Semester 1	
USB300	Property Development
UXH400-2	Project - Part B
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice

Bachelor of Design (Interior Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Penny Wild (Interior Architecture); Professor Robin Drogemuller (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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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.

Bachelor of Design (Interior Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

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

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
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
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB114	Spatial Histories
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
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
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
Year 6, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

Bachelor of Design (Interior Architecture)/Bachelor of Urban Development (Honours) (Construction Management)

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DTB101	Interior Studio: Interiority
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB102	Impact Lab 2: People
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
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
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DTB102	Interior Studio: Inhabitance
DYB114	Spatial Histories
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 3, Semester 1	
DYB102	Impact Lab 2: People
DYB112	Spatial Materiality
BSB113	Economics
UXB115	Introduction to Modern Construction Business
Year 3, Semester 2	
DTB205	Design Psychology
DYB201	Impact Lab 3: Planet
LWS012	Urban Development Law
UXB212	Design for Structures
Year 4, Semester 1	
DTB200	Interior Access and Assemblies
DTB204	Interior Studio: Inclusion
UXB210	Commercial Construction
UXB213	Advanced Measurement for Construction
Year 4, Semester 2	
DTB305	Interior Studio: Integration
DTB306	Interior Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
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	
Year 5, Semester 2	
UXH312	Construction Legislation
UXH315	Construction Estimating
UXH400-1	Project - Part A
UXH410	Strategic Construction Management
Year 6, Semester 1	
USB300	Property Development
UXH311	Contract Administration
UXH400-2	Project - Part B
UXH411	Programming and Scheduling

Bachelor of Design (Landscape Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Greg Mews (Landscape Architecture); Mellini Sloan (Urban and Regional Planning) +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 your years, 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 your years, 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.

Sample Structure

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DLB101	Landscape Studio 1
DYB112	Spatial Materiality
One unit from the Design Specialisation Unit Options List	
UXB130	History of the Built Environment
Year 2, Semester 2	
DLB102	Landscape Studio 2
DYB102	Impact Lab 2: People
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
UXB230	Site Planning
UXB234	Transport Planning
Year 4, Semester 1	
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
BSB113	Economics
UXB330	Urban Design
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
USB300	Property Development
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
Year 5, Semester 2	
UXH400-2	Project - Part B
UXH331	Environmental Planning
UXH432	Community Planning
UXH433	Regional Planning
Semester 2 (July) commencements	
Year 1, Semester 2	
DYB101	Impact Lab 1: Place
DYB113	Create and Represent: Materials
UXB133	Urban Studies
UXB134	Land Use Planning
Year 2, Semester 1	
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.	
Year 2, Semester 2	
DLB102	Landscape Studio 2
One unit from the Design Specialisation Unit Options List	
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
Year 3, Semester 1	
DLB101	Landscape Studio 1
DYB102	Impact Lab 2: People
One unit from the Design Specialisation Unit Options List	
UXB130	History of the Built Environment
Year 3, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
UXB230	Site Planning
UXB234	Transport Planning
Year 4, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 4, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
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	

Bachelor of Design (Landscape Architecture)/Bachelor of Urban Development (Honours) (Urban and Regional Planning)

UXH331	Environmental Planning
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
Year 6, Semester 1	
BSB113	Economics
USB300	Property Development
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice

Bachelor of Design/Bachelor of Urban Development (Honours)

Year	2021
QUT code	ID18
CRICOS	096573B
Duration (full-time)	5 years
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,600 per year full-time (96 credit points)
International fee (indicative)	2021: $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)

Minimum English requirements

Students must meet the English proficiency requirements.

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

Year	2021
QUT code	ID19
CRICOS	096574A
Duration (full-time)	5.5 years
ATAR/Selection rank	80.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,000 per year full-time (96 credit points)
International fee (indicative)	2021: $35,000 per year full-time (96 credit points)
Total credit points	528
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 Jacob Coetzee (Engineering)
Discipline Coordinator	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) +61731382000 askqut@qut.edu.au

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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 your years and for the remainder of this course you will concentrate on engineering studies.

Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- four architecture specialisation units (48 credit points)
- and the architecture major (144 credit points), including: four shared foundation units (48 credit points)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
- 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 your years and for the remainder of this course you will concentrate on engineering studies.

Design component

You will complete:

- four school-wide impact lab units (48 credit points)
- four architecture specialisation units (48 credit points)
- and the architecture major (144 credit points), including: four shared foundation units (48 credit points)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).

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

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
- 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
- Year 6, 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
- Year 6, Semester 1
- Year 6, Semester 2

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
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.	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
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	

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

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	

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
DYB101	Impact Lab 1: Place
DYB111	Create and Represent: Form
Engineering Unit	
Engineering Unit	
Year 1, Semester 2	
DYB113	Create and Represent: Materials
DYB114	Spatial Histories
Engineering Unit	
Engineering Unit	
Year 2, Semester 1	
DAB101	Architectural Design 1: Explorations
DYB112	Spatial Materiality
Engineering Unit	
Engineering Unit	
Year 2, Semester 2	
DAB102	Architectural Design 2: Spaces
DAB303	Integrated Architectural Technology
Engineering Unit	
Engineering Unit	
Year 3, Semester 1	
DAB201	Architectural Design 3: Dwelling
DAB211	Environmental Principles of Architectural Design
Engineering Unit	
Engineering Unit	
Year 3, Semester 2	
DAB202	Architectural Design 4: Metro
DAB212	Small Scale Building Construction
Engineering Unit	
Engineering Unit	
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	
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

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

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, KKB350 or UXB301):	
DYB301	Impact Lab 4: Purpose
UXB301	Professional Practice
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	

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
- Year 6 - 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
- Year 6 - Semester 1
- Year 6 - 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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB361	Minerals and Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH404	Research in Engineering Practice
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH463	Plant and 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
	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 and 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	Plant and Process Design
EGH408	Research Project
Year 6 - Semester 2	
EGH411	Industrial Chemistry
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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
- Year 6 - 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
- Year 6 - Semester 1
- Year 6 - Semester 2

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

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
EGH404	Research in Engineering Practice
EGH400-1	Research Project 1
EGH473	Advanced Geotechnical Engineering
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH471	Advanced Water Engineering
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

Semesters

- 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
- Year 6 - 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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
CAB302	Software Development
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-1	Research Project 1
CAB432	Cloud Computing
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	

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

Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH456	Embedded Systems
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	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 4 - Semester 1	
CAB202	Microprocessors and Digital Systems
EGB240	Electronic Design
Year 4 - Semester 2	
CAB403	Systems Programming
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGH404	Research in Engineering Practice
CAB301	Algorithms and Complexity
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400-1	Research Project 1
EGH456	Embedded Systems
CAB302	Software Development
Advanced Computer & Software Systems Option Unit	
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Computer & Software Systems Option 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
  - Year 5 - Semester 1
  - Year 5 - Semester 2
  - Year 6 - 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
  - Year 6 - Semester 1
  - Year 6 - 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	
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

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

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)	

Semesters

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
EGH446	Autonomous Systems
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	
Year 6 - Semester 1	
EGH400-2	Research Project 2
Advanced Electrical Option Unit	
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	
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
EGB243	Aircraft Systems and Flight
Year 4 - Semester 2	
EGB346	Unmanned Aircraft Systems
Intermediate Electrical Option Unit	
Year 5 - Semester 1	
EGB349	Systems Engineering and Design Project
EGB345	Control and Dynamic Systems
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	

Semesters

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	

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

EGB120	Foundations of Electrical Engineering
Foundation Unit Option	
Year 3 - Semester 1	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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	Advanced Thermodynamics
EGH423	Fluids Dynamics
Year 6 - Semester 1	
EGH400 -2	Research Project 2
EGH421	Vibration and Control
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	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
EGB211	Dynamics
EGB314	Strength of Materials
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB322	Thermodynamics
Year 5 - Semester 1	
EGB321	Dynamics of Machines
EGH404	Research in Engineering 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	Advanced Thermodynamics
EGH423	Fluids Dynamics

Semesters

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
EGH446	Autonomous Systems
Year 5 - Semester 2	
EGH400 -1	Research Project 1
EGH413	Advanced Dynamics
EGH445	Modern Control
Advanced Electrical Option Unit	
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	

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

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
EGH446	Autonomous Systems
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH413	Advanced Dynamics
Advanced Electrical Option Unit	

Semesters

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	
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
EGB314	Strength of Materials
Year 3 - Semester 2	
LSB231	Physiology
EGB210	Fundamentals of Mechanical Design
Year 4 - Semester 1	
EGB214	Materials and Manufacturing
EGB323	Fluid Mechanics
Year 4 - Semester 2	
EGB211	Dynamics
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGB319	BioDesign
EGH414	Stress Analysis
Year 5 - Semester 2	
EGH400-1	Research Project 1
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH418	Biomechanics
Year 6 - Semester 1	
EGH400-2	Research Project 2
EGH438	Biomaterials
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	
EGB120	Foundations of Electrical Engineering
MZB126	Engineering Computation
Year 3 - Semester 1	
EGB121	Engineering Mechanics
Foundation Unit Option	
Year 3 - Semester 2	
EGB211	Dynamics
LSB231	Physiology
Year 4 - Semester 1	
EGB323	Fluid Mechanics
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 4 - Semester 2	
EGB210	Fundamentals of Mechanical Design
EGB314	Strength of Materials
Year 5 - Semester 1	
EGB319	BioDesign
EGH414	Stress Analysis
Year 5 - Semester 2	
(No Engineering Units)	
Year 6 - Semester 1	
EGH400-1	Research Project 1
EGB214	Materials and Manufacturing
EGH404	Research in Engineering Practice
EGH438	Biomaterials
Year 6 - Semester 2	
EGH400-2	Research Project 2
EGH418	Biomechanics
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers

Bachelor of Business/Bachelor of Engineering (Honours)

Year	2021
QUT code	IX59
CRICOS	084925D
Duration (full-time)	5 years
ATAR/Selection rank	76.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $10,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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	+61 7 3138 2050; +61 7 3138 2000 bus@qut.edu.au; 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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 accountancy major units to allow them to complete professional requirements.

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

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

Bachelor of Business/Bachelor of Engineering (Honours)

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
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400 -1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400 -1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

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

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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
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	
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	
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 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
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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

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Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH420	Mechanical Systems Design
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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
Year 5 - Semester 2	
EGH400-2	Research Project 2
Advanced Mechanical Option Unit	
EGH446	Autonomous Systems
Advanced Electrical Option Unit	

	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 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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

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	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB111	Business Law and Ethics
BSB110	Accounting
Accountancy students undertake BSB110 and BSB111 as the Core Option Units to ensure professional accreditation.	
Year 2, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 2, Semester 2	
AYB225	Management Accounting
AYB200	Financial Accounting
Year 3, Semester 1	
AYB221	Accounting Systems and Analytics
EFB210	Finance 1
Year 3, Semester 2	
AYB230	Corporations Law
AYB219	Taxation Law
Year 4, Semester 1	
AYB321	Strategic Management Accounting
AYB340	Company Accounting
Year 4, Semester 2	
AYB311	Financial Accounting Issues
AYB301	Audit and Assurance

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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
- Core Options Units List:

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
AMB200	Consumer Behaviour
AMB201	Marketing and Audience Analytics
Year 2, Semester 2	
AMB220	Advertising Works
BSB108	Business Environment
Year 3, Semester 1	
AMB319	Consumers and Media Channels
BSB250	Business Citizenship
Year 3, Semester 2	
AMB318	Create Advertising
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
AMB320	Advertising Management
AMB330	Digital Optimisation
Year 4, Semester 2	
AMB339	Advertising Campaigns
BSB399	Real World Ready - Business Capstone
Core Options Units List:	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

"Select a unit from the Economics Options List or the Core Options Unit List" is repeated 5 times in this course progression. Please note that there are two (2) core options units and three (3) Economics Option Units in this pool. This has been done to give flexibility of choice as to when option units from the two groupsmay be undertaken.

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
- Core Options Units
- Economics Options List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
EFB222	Introduction to Applied Econometrics
Select a unit from the Core Options Unit List or The Economics Options List	
*Students undertake EFB222 as one of the Economics Options Units.	
Year 2, Semester 2	
EFB223	Economics 2
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 1	
EFB331	Intermediate Microeconomics
Select a unit from the Core Options Unit List or The Economics Options List	
Year 3, Semester 2	
BSB250	Business Citizenship
Select a unit from the Core Options Unit List or The Economics Options List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
EFB330	Intermediate Macroeconomics
Year 4, Semester 2	
EFB338	Contemporary Application of Economic Theory
Select a unit from the Core Options Unit List or The Economics Options List	
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills
Economics Options List	
Select four units (48 credit points) from the Quantitative and/or Applied Economics Units List:	
EFB222	Introduction to Applied Econometrics
EFB332	Applied Behavioural Economics
EFB333	Applied Econometrics
EFB337	Game Theory and Applications
EFB201	Financial Markets
EFB225	Economics for the Real World
EFB226	Environmental Economics and Policy
EFB336	International Economics

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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 1, Semester 2	
BSB108	Business Environment
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB105	The Future Enterprise
EFB210	Finance 1
Year 2, Semester 2	
EFB201	Financial Markets
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
EFB343	Corporate Finance
EFB335	Investments
Year 3, Semester 2	
BSB250	Business Citizenship
EFB312	International Finance
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone

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EFB223	Economics 2
Year 4, Semester 2	
EFB360	Finance Capstone
EFB344	Risk Management and Derivatives
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB107	Financial Performance and Responsibility
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB106	Dynamic Markets
Year 2, Semester 1	
BSB111	Business Law and Ethics
Select a unit frm the Core Options List	
Note: Financial Planning students undertake BSB111 as one of the two Core Options Units for professional accreditation purposes	
Year 2, Semester 2	
AYB219	Taxation Law
EFB210	Finance 1
Year 3, Semester 1	
AYB250	Personal Financial Planning
BSB250	Business Citizenship
Year 3, Semester 2	
AYB232	Financial Services Regulation and Law
AYB240	Superannuation and Retirement Planning
Year 4, Semester 1	
EFB227	Insurance, Risk Management and Estate Planning
EFB345	Managing Investments and

	Client Relationships
Year 4, Semester 2	
AYB346	Financial Plan Construction (Capstone)
BSB399	Real World Ready - Business Capstone
Core Options Units List	
Financial Planning students select BSB111 and one other (12 credit points) from the Core Options Units List	
BSB111	Business Law and Ethics
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
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
- Core Unit Options List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB214	Introducing People Management and Analytics
MGB200	Managing People
Year 2, Semester 2	
MGB229	Obligations and Options for Employing People
Select a unit from the Core Options Unit List	
Year 3, Semester 1	
BSB250	Business Citizenship
MGB230	Recruiting and Selecting People
Year 3, Semester 2	
MGB331	Developing People
MGB339	Managing Performance and Rewards
Year 4, Semester 1	

BSB399	Real World Ready - Business Capstone
Select one unit (12 credit points) from the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
MGB306	Independent Study
Year 4, Semester 2	
MGB372	Creating Value through People
Select a unit from the Core Options Unit List	
Core Unit Options List	
Select two units (24 credit points) from the Core Options Unit List:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB108	Business Environment
Year 1, Semester 2	
BSB105	The Future Enterprise
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
AMB210	Importing and Exporting
Select a unit frm the Core Options List	
Year 2, Semester 2	
MGB225	Intercultural Communication and Negotiation Skills
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
AYB227	International Accounting
BSB250	Business Citizenship
Year 3, Semester 2	

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EFB240	Finance for International Business
MGB340	International Business in the Asia-Pacific
Year 4, Semester 1	
AMB303	International Logistics
AMB336	International Marketing
Year 4, Semester 2	
AMB369	International Business Strategy
BSB399	Real World Ready - Business Capstone
Core Options Units	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB105	The Future Enterprise
BSB108	Business Environment
Year 1, Semester 2	
BSB106	Dynamic Markets
BSB107	Financial Performance and Responsibility
Year 2, Semester 1	
MGB225	Intercultural Communication and Negotiation Skills
MGB200	Managing People
Year 2, Semester 2	
MGB226	Innovation, Knowledge and Creativity
Select a unit from the Core Options Unit list	
Year 3, Semester 1	
BSB250	Business Citizenship
Select one of the following:	
MGB210	Managing Operations
MGB227	Entrepreneurship
Students undertaking the Management stream must complete MGB210. Students undertaking the Entrepreneurship stream must complete MGB227.	
Year 3, Semester 2	
Select a unit from the Core Options Unit List	
Select one of the following:	
MGB335	Managing Projects
MGB324	Managing Business Growth
Students undertaking the Management stream must complete MGB335. Students undertaking the Entrepreneurship stream must complete MGB324.	
Year 4, Semester 1	
MGB341	Managing Risk
BSB399	Real World Ready - Business Capstone
Year 4, Semester 2	
MGB309	Managing Strategically
Select one of the following:	
MGB310	Managing Sustainable Change
MGB338	Workplace Learning
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB107	Financial Performance and Responsibility
Select a unit from the Core Options Unit List	
Year 2, Semester 1	
BSB108	Business Environment
Select a unit from the Core Options List	
Year 2, Semester 2	
AMB200	Consumer Behaviour
AMB240	Marketing Planning and Management
Year 3, Semester 1	
AMB202	Integrated Marketing Communication
AMB201	Marketing and Audience Analytics
Year 3, Semester 2	
BSB250	Business Citizenship
AMB330	Digital Optimisation
Year 4, Semester 1	
AMB340	Services Marketing
AMB336	International Marketing
Year 4, Semester 2	
BSB399	Real World Ready - Business Capstone
AMB359	Strategic Marketing
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
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
- Core Options Units List

Code	Title
Year 1, Semester 1	
BSB106	Dynamic Markets
BSB105	The Future Enterprise
Year 1, Semester 2	
BSB108	Business Environment
BSB107	Financial Performance and Responsibility

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Year 2, Semester 1	
AMB264	Media Relations and Publicity
AMB263	Introduction to Public Relations
Year 2, Semester 2	
AMB201	Marketing and Audience Analytics
AMB372	Public Relations Planning
Year 3, Semester 1	
BSB250	Business Citizenship
AMB374	Global Public Relations Cases
Year 3, Semester 2	
AMB375	Internal Communication and Change
Select a unit from the Core Options Unit List	
Year 4, Semester 1	
BSB399	Real World Ready - Business Capstone
AMB373	Issues, Stakeholders and Reputation
Year 4, Semester 2	
AMB379	Public Relations Campaigns
Select a unit from the Core Options Unit List	
Core Options Units List	
Select two units (24 credit points) from the following:	
BSB130	Social Enterprises
BSB131	Applied Business Analytics
BSB305	Undergraduate Business Internship
BSB110	Accounting
BSB111	Business Law and Ethics
BSB009	Experiential Learning: Innovation, Ideas and Enterprise Skills

Bachelor of Urban Development (Honours) (Urban and Regional Planning)/Bachelor of Science (Environmental Science)

Year	2021
QUT code	SE05
CRICOS	0102144
Duration (full-time)	5 years
ATAR/Selection rank	70.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,400 per year full-time (96 credit points)
International fee (indicative)	2021: $35,800 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 Paul Donehue (Urban Development majors); Dr Graham Johnson (Science majors)
Discipline Coordinator	Mellini Sloan (Urban and Regional Planning); Dr Andrew Baker (Environmental Science) +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

QUT 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 20 November, 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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.

Envrionmental 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.

Envrionmental 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

Bachelor of Urban Development (Honours) (Urban and Regional Planning)/Bachelor of Science (Environmental Science)

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Year 1, Semester 2	
Science: Core Unit Option	
Environmental Science Major Option Unit	
UXB133	Urban Studies
UXB134	Land Use Planning
Year 2, Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
Year 2, Semester 2	
ERB101	Earth Systems
EVB102	Ecosystems and the Environment
LWS012	Urban Development Law
UXB135	Negotiation and Conflict Resolution
Year 3, Semester 1	
BVB202	Experimental Design and Quantitative Methods
EVB203	Geospatial Information Science
UXB231	Stakeholder Engagement
UXB233	Planning Law
Year 3, Semester 2	
BVB204	Ecology
EVB302	Environmental Pollution
UXB230	Site Planning
UXB234	Transport Planning
Year 4, Semester 1	
EVB312	Soils and the Environment
OR	
BVB311	Conservation Biology
USB300	Property Development
UXB330	Urban Design
UXH430	Planning Theory and Ethics
Year 4, Semester 2	
EVB304	Case Studies in Environmental Science
ERB310	Groundwater Systems
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
Year 5, Semester 1	
EVB312	Soils and the Environment
OR (if EVB312 completed previously)	
BVB311	Conservation Biology
BSB113	Economics
UXH400-1	Project - Part A
UXH431	Urban Planning Practice
Year 5, Semester 2	
UXH331	Environmental Planning
UXH432	Community Planning
UXH433	Regional Planning
UXH400-2	Project - Part B

Bachelor of Engineering (Honours)/Bachelor of Mathematics

Year	2021
QUT code	SE40
CRICOS	084922G
Duration (full-time)	5 years
ATAR/Selection rank	87.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $6,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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)
Discipline Coordinator	Dr Thomas Rainey (Chemical Process), Associate Professor Jonathan Bunker (Civil); Dr Wayne Kelly (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 Pascal Buenzli (Applied and Computational Mathematics); Dr Paul Wu (Operations Research; and Statistics) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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
MXB161	Computational Explorations
Year 2 Semester 1	
MXB101	Probability and Stochastic Modelling 1
Maths Core Options Unit	
Year 2 Semester 2	
MXB103	Introductory Computational Mathematics

Bachelor of Engineering (Honours)/Bachelor of 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
Maths Core Options Unit	
Please note: SE40 students will do MXB161 as part of their Engineering Maths units.	
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
Maths Core Options Unit	
Please note: SE40 students will do MXB161 as part of their Engineering Maths units.	
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

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
- Year 5 - Semester 1
- Year 5 - Semester 2

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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 and Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

Bachelor of Engineering (Honours)/Bachelor of Mathematics

Semesters

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

Semesters

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400-1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer and Software Systems Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
CAB432	Cloud Computing
Advanced Computer and Software Systems Option Unit	

Semesters

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	
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	
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)	

Bachelor of Engineering (Honours)/Bachelor of Mathematics

Advanced Electrical Option Unit (5)

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
- Year 5 - Semester 1
- Year 5 - Semester 2

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option Unit	

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
- Year 5 - Semester 1
- Year 5 - Semester 2

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	Strength of Materials
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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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
- Year 5 - Semester 1
- Year 5 - Semester 2

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH419	Mechatronics Design 3
EGH446	Autonomous Systems
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH413	Advanced Dynamics
EGH445	Modern Control
Advanced Electrical Option Unit	

Semesters

- Year 1 - Semester 1
- Year 1 - Semester 2
- Year 2 - Semester 1
- Year 2 - Semester 2
- Year 3 - Semester 1

Bachelor of Engineering (Honours)/Bachelor of Mathematics

Code	Title
Year 1 - Semester 1	
EGB113	Energy in Engineering Systems
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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

Bachelor of Engineering (Honours)/Bachelor of Information Technology

Year	2021
QUT code	SE60
CRICOS	084923F
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,100 per year full-time (96 credit points)
International fee (indicative)	2021: $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 Wayne Kelly (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 Wayne Kelly (Computer Science); and Dr Erwin Fielt (Information Systems) +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 Subject prerequisites

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

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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 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

PLEASE NOTE:

For students taking the **IT: Computer Science major with Engineering: Computer & Software Systems major**, please refer to the "IT Units: Computer Science/Eng Computer Software Sys Majors ONLY (SE60MJR-CSSES)" structure instead.

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
- Computer Science Major Unit Options

Code	Title
Semester 1 (February) commencements	

Bachelor of Engineering (Honours)/Bachelor of Information Technology

Year 1, Semester 1	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 1, Semester 2	
IFB104	Building IT Systems
IFB105	Database Management
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 1, Semester 2	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 2, Semester 1	
IFB104	Building IT Systems
IFB105	Database Management
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

PLEASE NOTE:

This structure Is ONLY for the combination of IT Computer Science and Engineering Computer & Software Systems Majors.

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 1, Semester 2	
IFB104	Building IT Systems
IFB105	Database Management
Year 2, Semester 1	
IT Core Unit Option	
IT Core Unit Option	
Year 2, Semester 2	
Computer Science Major Unit Option 1	
Computer Science Major Unit Option 2	
CAB201 and CAB202 are core to EN01 Computer Software Systems Major	
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 3	
Semester 2 (July) commencements	
Year 1, Semester 2	

Bachelor of Engineering (Honours)/Bachelor of Information Technology

IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 2, Semester 1	
IFB104	Building IT Systems
IFB105	Database Management
Year 2, Semester 2	
Computer Science Major Unit Option 1	
IT Core Unit Option	
Year 3, Semester 1	
CAB203	Discrete Structures
Computer Science Major Unit Option 2	
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 3	
Year 5, Semester 1	
IFB399	Capstone Project (Phase 2)
Computer Science Major Unit Option 3	
OR	
IT Core Unit Option	
(Select IT Core Unit Option here, if not selected previously.)	
Computer Science Major Unit Options	
As CAB201 and CAB202 are core to EN01 Computer Software Systems Major, SE60MJR-CSSECS students will undertake two extra Computer Science Major option units in place of CAB201 and CAB202.	
CAB310	Interaction and Experience Design
CAB320	Artificial Intelligence
CAB330	Data and Web Analytics
CAB340	Cryptography
CAB401	High Performance and Parallel Computing
CAB402	Programming Paradigms
CAB420	Machine Learning
CAB430	Data and Information Integration
CAB431	Search Engine Technology
CAB432	Cloud Computing
CAB440	Network and Systems Administration
CAB441	Network Security

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 1, Semester 2	
IFB104	Building IT Systems
IFB105	Database Management
Year 2, Semester 1	
IT Core Unit Option	
IT Core Unit Option	
Year 2, Semester 2	
CAB201	Programming Principles
CAB202	Microprocessors and Digital Systems
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)
Select one of:	
CAB401	High Performance and Parallel Computing
CAB402	Programming Paradigms
CAB403	Systems Programming
CAB420	Machine Learning
Semester 2 (July) commencements	
Year 1, Semester 2	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design

Year 2, Semester 1	
IFB104	Building IT Systems
IFB105	Database Management
Year 2, Semester 2	
CAB201	Programming Principles
IT Core Unit Option	
Year 3, Semester 1	
CAB202	Microprocessors and Digital Systems
CAB301	Algorithms and Complexity
Year 3, Semester 2	
CAB303	Networks
IFB295	IT Project Management
Year 4, Semester 1	
CAB203	Discrete Structures
CAB302	Software Development
Year 4, Semester 2	
IFB398	Capstone Project (Phase 1)
Select ONE of:	
CAB401	High Performance and Parallel Computing
CAB403	Systems Programming
OR IT Core Unit Option	
Year 5, Semester 1	
IFB399	Capstone Project (Phase 2)
Select ONE of:	
CAB402	Programming Paradigms
CAB420	Machine Learning
OR IT Core Unit Option	
(Select IT Core Unit Option here, if not selected previously.)	

Semesters

Code	Title
Semester 1 (February) commencements	
Year 1, Semester 1	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 1, Semester 2	

Bachelor of Engineering (Honours)/Bachelor of Information Technology

IFB104	Building IT Systems
IFB105	Database Management
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
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 1, Semester 2	
IFB102	Introduction to Computer Systems
IFB103	IT Systems Design
Year 2, Semester 1	
IFB104	Building IT Systems
IFB105	Database Management
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

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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB362	Operations Management and Process Economics
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB361	Minerals and Minerals Processing
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

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	
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	
EGH400-2	Research Project 2
EGH455	Advanced Systems Design
Advanced Electrical Option Unit	
Advanced Software Option 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
- 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	
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	
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 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	

Bachelor of Engineering (Honours)/Bachelor of Information Technology

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	
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 1 - Semester 1

Bachelor of Engineering (Honours)/Bachelor of Information Technology

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	Strength of Materials
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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

Bachelor of Engineering (Honours)/Bachelor of Science

Year	2021
QUT code	SE80
CRICOS	084924E
Duration (full-time)	5 years
ATAR/Selection rank	75.00
Offer Guarantee	Yes
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $7,200 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Thomas Rainey (Chemical Process), Associate Professor Jonathan Bunker (Civil); Dr Wayne Kelly (Computer & Software Systems); Dr Jacob Coetzee (Electrical); Dr Aaron Mcfadyen (Electrical & Aerospace); Dr Wim Dekkers/Prof Ted Steinberg (Mechanical); Aspro Luis Alvarez (Mechatronics); Aspro Devakar Epari (Medical); Dr Marion Bateson (Biological Science); Aspro Tim Dargaville (Chemistry); Dr Luke Nothdurft (Earth Science); Dr Andrew Baker (Environmental Science); and Aspro Jamie Trapp (Physics) +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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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:

- 6 units (72 credit points) of science core units, which includes 2 units (24 credit points) of option units* selected from an approved list.
- 10 units (120 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:

- 6 units (72 credit points) of science core units, which includes 2 units (24 credit points) of option units* selected from an approved list.
- 10 units (120 credit points) of Major core 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
- 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
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	
BVB101	Foundations of Biology
BVB102	Evolution
Year 3 Semester 1	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
Year 3 Semester 2	
BVB201	Biological Processes
BVB204	Ecology
Year 4 Semester 1	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
Year 4 Semester 2	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
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	
BVB101	Foundations of Biology
BVB102	Evolution
Year 3, Semester 1	
BVB202	Experimental Design and Quantitative Methods
BVB301	Animal Biology
Year 3, Semester 2	
BVB201	Biological Processes
BVB204	Ecology
Year 4, Semester 1	
BVB203	Plant Biology
BVB305	Microbiology and the Environment
Year 4, Semester 2	
BVB304	Integrative Biology
BVB313	Population Genetics and Molecular Ecology
Year 5, Semester 1	
Science Core Unit Option	
Science Major Unit Option	

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
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB115	Experimental Science 1
SEB116	Experimental Science 2
Year 1 Semester 2	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
Year 2 Semester 1	
SEB104	Grand Challenges in Science
SEB113	Quantitative Methods in Science
Year 2 Semester 2	
CVB210	Chemical Measurement Science
Science Core Unit Option	
Year 3 Semester 1	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
Year 3 Semester 2	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
Year 4 Semester 1	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
Year 4 Semester 2	
CVB303	Coordination Chemistry
CVB304	Chemistry Research Project
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	
CVB101	General Chemistry
CVB102	Chemical Structure and Reactivity
Year 3, Semester 1	
CVB201	Inorganic Chemistry
CVB202	Analytical Chemistry
Year 3, Semester 2	
CVB203	Physical Chemistry
CVB204	Organic Structure and Mechanisms
Year 4, Semester 1	
CVB301	Organic Chemistry: Strategies for Synthesis
CVB302	Applied Physical Chemistry
Year 4, Semester 2	
CVB210	Chemical Measurement Science
CVB303	Coordination Chemistry
Year 5, Semester 1	
CVB304	Chemistry Research Project
Science Core Unit Option	

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
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
ERB102	Evolving Earth
Year 3 Semester 1	
ERB201	Destructive Earth: Natural Hazards
ERB202	Marine Geoscience

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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 Geoscience
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

- 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
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

- 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
Semester 1 (February) commencements	
Year 1 Semester 1	
SEB113	Quantitative Methods in Science
SEB115	Experimental Science 1
Year 1 Semester 2	
SEB104	Grand Challenges in Science
PVB102	Physics of the Very Small
Year 2 Semester 1	
PVB203	Experimental Physics
SEB116	Experimental Science 2
Year 2 Semester 2	
PVB200	Computational and Mathematical Physics
Science Core Unit Option	
Year 3 Semester 1	
PQB360	Introduction to Climate Change
PVB210	Stellar Astrophysics
Year 3 Semester 2	
PVB204	Electromagnetism

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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

- 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	
EGB261	Unit Operations
EGB323	Fluid Mechanics
Year 3 - Semester 2	
CVB101	General Chemistry
EGB322	Thermodynamics
Year 4 - Semester 1	
EGB262	Process Principles
EGB361	Minerals and Minerals Processing
Year 4 - Semester 2	
EGB364	Process Modelling
EGH411	Industrial Chemistry
Year 5 - Semester 1	
EGB362	Operations Management and Process Economics
EGH400-1	Research Project 1
EGH404	Research in Engineering Practice
EGH463	Plant and Process Design
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH462	Process Control

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	
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
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
EGH475	Advanced Concrete Structures
EGH479	Advances in Civil Engineering Practice

Semesters

- Semester 1 (February) commencements
- Year 1 - Semester 1
- Year 1 - Semester 2
- Year 2 - 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	
CAB201	Programming Principles
EGB242	Signal Analysis
Year 3 - Semester 2	
CAB202	Microprocessors and Digital Systems
Intermediate Electrical Option Unit	
Year 4 - Semester 1	
EGB240	Electronic Design
CAB301	Algorithms and Complexity
Year 4 - Semester 2	
CAB403	Systems Programming
EGH404	Research in Engineering Practice
Year 5 - Semester 1	
EGH400 -1	Research Project 1
CAB302	Software Development
EGH456	Embedded Systems
Advanced Computer & Software Systems Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH455	Advanced Systems Design
Advanced Computer & Software Systems Option Unit	
CAB432	Cloud Computing

Semesters

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	
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	
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

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	
EGH400 -1	Research Project 1

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EGH404	Research in Engineering Practice
EGH446	Autonomous Systems
Advanced Electrical Option Unit	
Year 5 - Semester 2	
EGH400 -2	Research Project 2
EGH445	Modern Control
EGH450	Advanced Unmanned Aircraft Systems
Advanced Electrical Option 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
- 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	
EGB214	Materials and Manufacturing
EGB314	Strength of Materials
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	Advanced Thermodynamics
EGH423	Fluids Dynamics

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	
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
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 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	Strength of Materials
LQB187	Human Anatomy
LQB187 replaces LSB131 from 2021 onwards	
Year 3 - Semester 2	

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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	BioDesign
EGH400-1	Research Project 1
EGH414	Stress Analysis
EGH418	Biomechanics
Year 5 - Semester 2	
EGH400-2	Research Project 2
EGH424	Biofluids
EGH435	Modelling and Simulation for Medical Engineers
EGH438	Biomaterials

Bachelor of Urban Development (Honours)

Year	2021
QUT code	UD01
CRICOS	080479J
Duration (full-time)	4 years
Duration (part-time domestic)	8 years
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $9,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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 Develoment (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 Develoment (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 Develoment (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.

Bachelor of Urban Development (Honours) (Construction Management)

Year	2021
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)	2021: CSP $9,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Melissa Teo +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

QUT 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 20 November, before receiving your ATAR or selection rank.

Find out more about the QUT Year 12 Early Offer Scheme

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 the following programs which you can select as one of your QTAC preferences:

Dual TAFE-Qld Brisbane/QUT award

If you enrol in a QTAC offer for the following dual TAFE-Qld Greater 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 Greater Brisbane is confirmed.

- Diploma of Building and Construction (Management)

Upon completion of the TAFE-Qld diploma 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 (or equivalent part-time). 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)
- General Mathematics, or Mathematical Methods, or Specialist Mathematics (Units 3 & 4, C)

International Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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:

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 Construction Management 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.

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:

a) 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning

b) 216 credit points (18 units) of construction management 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.

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 knowlege 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:

a) 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning

b) 216 credit points (18 units) of construction management 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.

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 knowlege 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

Code	Title
Year 1, Semester 1	
BSB113	Economics
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
UXB115	Introduction to Modern Construction Business
Year 1, Semester 2	
UXB111	Imagine Construction Management
UXB112	Introduction to Structures
UXB113	Measurement for Construction
UXB114	Integrated Construction
Year 2, Semester 1	
UXB210	Commercial Construction
UXB211	Building Services
UXB213	Advanced Measurement for Construction
2nd Major/Minor unit	
Year 2, Semester 2	
LWS012	Urban Development Law
UXB212	Design for Structures
UXH315	Construction Estimating
2nd Major/Minor unit	
Year 3, Semester 1	
USB300	Property Development
UXH310	High-rise Construction
UXH311	Contract Administration
2nd Major/Minor unit	
Year 3, Semester 2	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH312	Construction Legislation
2nd Major/Minor unit	
Year 4, Semester 1	
UXH400-1	Project - Part A
UXH411	Programming and Scheduling
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
UXH400-2	Project - Part B
UXH410	Strategic Construction Management
2nd Major/Minor unit	
2nd Major/Minor unit	

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

Year	2021
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)	2021: CSP $9,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Jason Gray +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

QUT 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 20 November, 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 Subject prerequisites

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

You must have achieved this study at a level comparable to Australian Year 12 or in recognised post-secondary studies.

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:

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 Quantity Surveying and Cost Engineering 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.

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)

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

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 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:

a) 72 credit points (6 units) of urban development core units, which includes a Professional Practice unit that requires completion of workplace learning

b) 216 credit points (18 units) of quantity surveying and cost engineering 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.

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 knowlege 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:

a) 72 credit points (6 units) of Urban Development Core units, which includes a Professional Practice unit that requires completion of workplace learning.

b) 216 credit points (18 units) of Quantity Surveying and Cost Engineering 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.

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 knowlege 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

Code	Title
Year 1, Semester 1	
BSB113	Economics
UXB100	Design-thinking for the Built Environment
UXB110	Residential Construction
UXB115	Introduction to Modern Construction Business
Year 1, Semester 2	
UXB113	Measurement for Construction
UXB114	Integrated Construction
UXB120	Introduction to Heavy Engineering Sector Technology
UXB121	Imagine Quantity Surveying and Cost Engineering
Year 2, Semester 1	
UXB210	Commercial Construction
UXB211	Building Services
UXB213	Advanced Measurement for Construction
2nd Major/Minor unit	
Year 2, Semester 2	
LWS012	Urban Development Law
UXB220	Services and Heavy Engineering Measurement
UXH315	Construction Estimating
2nd Major/Minor unit	
Year 3, Semester 1	
USB300	Property Development
UXH310	High-rise Construction
UXH311	Contract Administration
2nd Major/Minor unit	
Year 3, Semester 2	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH321	Cost Planning and Controls
2nd Major/Minor unit	
Year 4, Semester 1	
UXH400-1	Project - Part A
UXH420	Risk Management in the Energy and Resources Sectors
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 4, Semester 2	
UXH312	Construction Legislation
UXH400-2	Project - Part B
2nd Major/Minor unit	
2nd Major/Minor unit	

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

Year	2021
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)	2021: CSP $9,300 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Mellini Sloan +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

QUT 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 20 November, 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

•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:

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

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 knowlege 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:

a) 72 credit points (6 units) of Urban Development Core units, which includes a Professional Practice 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

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 knowlege 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)

Code	Title
Year 1, Semester 1	
UXB100	Design-thinking for the Built Environment
UXB130	History of the Built Environment
UXB131	Planning and Design Practice
UXB132	Urban Analysis
Year 1, Semester 2	
LWS012	Urban Development Law
UXB133	Urban Studies
UXB134	Land Use Planning
UXB135	Negotiation and Conflict Resolution
Year 2, Semester 1	
BSB113	Economics
UXB231	Stakeholder Engagement
UXB233	Planning Law
2nd Major/Minor unit	
Year 2, Semester 2	
UXB230	Site Planning
UXB234	Transport Planning
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 1	
USB300	Property Development
UXB330	Urban Design
2nd Major/Minor unit	
2nd Major/Minor unit	
Year 3, Semester 2	
UXB301	Professional Practice
UXH300	Research Methods for the Future Built Environment
UXH331	Environmental Planning
2nd Major/Minor unit	
Year 4, Semester 1	
UXH400-1	Project - Part A
UXH430	Planning Theory and Ethics
UXH431	Urban Planning Practice
2nd Major/Minor unit	
Year 4, Semester 2	
UXH400-2	Project - Part B
UXH432	Community Planning
UXH433	Regional Planning
2nd Major/Minor unit	

Graduate Certificate in Designing Resilient Landscapes

Year	2021
QUT code	DE70
Duration (part-time domestic)	2 years
Duration (part-time international)	2 years
Domestic fee (indicative)	2021: $11,700 per year part-time (48 credit points)
International fee (indicative)	2021: $17,400 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	Aspro Debra Cushing
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
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.	

Graduate Certificate in Communication for Engineering

Year	2021
QUT code	EN60
CRICOS	096755G
Duration (full-time international)	6 months
International fee (indicative)	2021: $18,400 per course (48 credit points)
Total credit points	48
Credit points full-time sem.	48
Course Coordinator	Dr Marc Miska
Discipline Coordinator	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

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
Year 1, Semester 1	
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	Advanced Thermodynamics
Civil Engineering Unit Options List (not for Civil & Construction - see below)	
EGH423	Fluids Dynamics
EGB473	Composite Structures
EGB481	Infrastructure Asset Management
EGB485	Finite Element Analysis
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
Civil and Construction Unit Options List	
UXH410	Strategic Construction Management
UXH411	Programming and Scheduling
EGB482	Contracting and Construction Regulations

Graduate Certificate in Project Management

Year	2021
QUT code	PM15
CRICOS	084926C
Duration (full-time)	6 months
Campus	Gardens Point
Domestic fee (indicative)	2021: $11,600 per course (48 credit points)
International fee (indicative)	2021: $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	Dr Madhav Nepal
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 1 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

Graduate Certificate in Project Management

Year	2021
QUT code	PQ15
Duration (full-time)	6 months
Domestic fee (indicative)	2021: $11,600 per year full-time (48 credit points)
International fee (indicative)	2021: $17,300 per year full-time (48 credit points)
Total credit points	48
Start months	October, July, April, February
Int. Start Months	October, July, April, February
Course Coordinator	
Discipline Coordinator	1300 110 918 help@qutonline.edu.au

A qualification in project management will allow you the flexibility to work in a range of industries, and is also an ideal first step on the path towards a project management career in your preferred industry.

Domestic Entry requirements

Academic entry requirements

You can gain entry into the Graduate Certificate in Project Management with:

- a completed bachelor degree (or highe qualification) in any discipline; or
- a completed diploma (or higher qualification) and two years full-time (or equivalent) relevant professional work experience; or
- five years full-time (or equivalent) relevant professional work experience.

Course structure

To meet the course requirements for the Graduate Certificate in Project Management, you must complete a total of 48 credit points.

Units
Project Management Essentials 1
Project Management Essentials 2
Systems in Project Management
People and Projects

Advanced Standing

Your past studies or work experience may count as credit towards your QUT Online course; we call this ‘advanced standing’. That means you might not have to complete all of the units listed in your course structure and you may be able to graduate sooner.

In exceptional circumstances, extensive work experience in a particular field can also be recognised.

Master of Engineering Management

Year	2021
QUT code	BN87
CRICOS	006368G
Duration (full-time)	1 year
Duration (part-time)	2 years
Campus	Gardens Point
Domestic fee (indicative)	2021: $25,100 per year full-time (96 credit points)
International fee (indicative)	2021: $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 The part-time (onshore) study option is only available to non-student visa holders with a visa that permits study.
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 progam 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

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.

Master of Engineering Management

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

Code	Title
Combined Masters Program - Year 2	
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.	
BN87 Study Plan for EN50 Master of Engineering Graduates	
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	
Engineering Management Unit Options List	
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

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
Year 1, Semester 1	
ENN541	Research Methods for Engineers
ENN591-1	Project 1
PMN610	Project Management Principles
OR Engineering Management Option Unit	
Engineering Management Option Unit	
Year 1, Semester 2	
ENN570	Enterprise Resource Planning
ENN591-2	Project 2
PMN610	Project Management Principles
OR Engineering Management Option Unit	
Engineering Management 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 12CP (1 unit) 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
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance

Master of Engineering Management

Year	2021
QUT code	BQ87
Duration (full-time domestic)	1 year
Duration (part-time domestic)	2 years
Domestic fee (indicative)	2021: $25,100 per year full-time (96 credit points)
International fee (indicative)	2021: $35,500 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

The Master of Engineering Management is a practical and unique course that equips engineers with the skills they need to reach management positions in their field. If you are looking to move into technical managerial positions in your career this course is for you. Real-world and industry-relevant, the course prepares you to meet the challenges of our complex world.

Acdemic Entry requirements

with a recognised four-year full time (or equivalent) bachelor degree (or higher) in engineering.

Course structure

To meet the course requirements for the Master of Engineering Management, you must complete a total of 96 credit points made up of:

- 8 x Units (12)

Core Units

Enterprise Resource Planning
Project Management Principles
Engineering Knowledge Management
Total Quality Management
Asset and Facility Management
Research Methods for Engineers
Project 1
Project 2

Master of Landscape Architecture

Year	2021
QUT code	DE72
CRICOS	102712H
Duration (full-time)	2 years
Duration (part-time domestic)	4 years
Domestic fee (indicative)	2021: $23,400 per year full-time (96 credit points)
International fee (indicative)	2021: $34,700 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	Aspro Debra Cushing
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

2 year program

- A recognised bachelor degree in landscape architecture; *or*
- A recognised overseas bachelor program in landscape architecture *plus* an successful portfolio demonstrating the core skills in landscape architecture; *or*
- A recognised bachelor degree (or higher qualification) in a relevant discipline *plus* a successful portfolio demonstrating the core skills in landscape architecture.

1.5 year program

- Completion of DV43 Bachelor of Design (Landscape Architecture); *or*
- Completion of DE70 Graduate Certificate of Designing Resilient Landscapes *plus* a successful portfolio demonstrating the core skills in landscape architecture; *or*
- A recognised Australian Masters of Architecture *plus* a successful portfolio demonstrating the core skills in landscape architecture.

1 year program

- Completion of DE42 Bachelor of Design (Honours) (Landscape Architecture).

Relevant disciplines

- Architecture
- Civil engineering
- Environmental engineering
- Environmental science
- Interior architecture
- Planning (regional, town, urban)

Portfolio

Your digital portfolio will to demonstrate your capabilities in the core skills in landscape architecture:

1. Design thinking and development - Graphic and textual explanation of the thinking behind, and development of, at least one design or planning project from concept through to final resolution.

2. Design resolution at different scales- Resolved design or planning projects at two different scales: e.g. one for a laneway and one for an urban region. Resolution is communicated through plans, sections, perspectives, models or similar.

3. Technical design - Construction documentation, e.g. (but not limited to) grading plans, planting plans, construction detailing, design specifications.

4. Design communication - Demonstrated skills in two or more of the following:

- hand drawing, sketching, painting, collage
- model making
- computer aided drawing and/or desktop publishing

What form should my portfolio take?

The portfolio shall be submitted in electronic form.

You must collate your work into a single PDF (maximum 30 pages) :

- supply a URL if it is hosted online or
- upload a file (maximum load file in the QUT application portal is 5mb, so you may load multiple files. Your total portfolio size should be no more than 10mb).

What should be in my (digital) portfolio?

1. Portfolio of design work: A folio of work (between four and six examples of design projects in a maximum of 25 pages) in PDF format consisting of your design projects from university-level studies, professional and/or personal creative work reflecting your skills and knowledge of landscape architecture.

Work should evidence, but not be limited to: your use of computer programs such as Adobe Photoshop, In-Design, Illustrator, AutoCAD, Revit and other 3D packages, as well as hand drawing, sketching, painting, collage, model-making and photography. In addition to final rendered images, include information on the concepts, ideas, design process leading to the final design, as well as any construction documentation. Please include designs completed at a variety of scales, with some that include grading plans, planting plans, and other construction documentation. The folio may include material developed with others in an office/practice situation where this is clearly referenced and your specific contribution is explained.

2. Professional CV: A maximum two-page professional CV that clearly shows your design or related experience in PDF format.

3. A personal statement: a maximum of 300 words presenting your reasons for wanting to study the Master of Landscape Architecture.

Master of Landscape Architecture

Current QUT Bachelor of Design (Landscape Architecture) graduands

Current QUT Bachelor of Design (Landscape Architecture) single and double degree graduands will automatically receive an offer for DE83 Master of Architecture within three weeks of course completion.

All other applicants will need to apply to seek entry.

International Entry requirements

2 year program

A completed Australian bachelor degree (or equivalent) (or higher award) in landscape architecture; *or*

A completed recognised overseas bachelor program in landscape architecture and an approved portfolio demonstrating core skills in landscape architecture; *or*

A completed recognised bachelor degree (or equivalent) (or higher award) in a relevant discipline such as architecture and an approved portfolio demonstrating core skills in landscape architecture.

1.5 year program

Successful completion of the *Bachelor of Design (Landscape Architecture) (DV43)*; *or* successful completion of the *Graduate Certificate of Designing Resilient Landscapes (DE70)* and an approved portfolio demonstrating core skills in landscape architecture; *or*

Successful completion of an Architects Accreditation Council of Australia (AACA) accredited masters course in architecture and an approved portfolio demonstrating core skills in landscape architecture.

1 year program
Successful completion of the *Bachelor of Design (Honours) (Landscape Architecture) (DE42).*

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 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.

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

If you have a relevant prior degree you may be able to complete the course in 1 or 1.5 years. See the Requirements tab for information about eligibility.

International Course structure

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.

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

If you have a relevant prior degree you may be able to complete the course in 1 or 1.5 years. See the Requirements tab for information about eligibility.

Sample Structure

Note: Due to the staged roll out of units, only part-time mode will be available in 2021. It will not be possible to complete this course until mid 2023.

Semesters

- 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
- July 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
- Year 5, Semester 1

Code	Title
February entry	
Year 1, Semester 1	
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
Year 1, Semester 2	
DLN108	Planning and Policy for Contemporary Issues
DYN107	Decolonised Design
Year 2, Semester 1	
DLN101	Landscape Histories and Criticism
DLN111	Studio: Climate-Responsive Design
Year 2, Semester 2	
DLN115	Studio: Urban Spaces
Year 3, Semester 1	
DLN104	Critical Ecologies
DYN203	Integrated Professional Practice
Year 3, Semester 2	
DYN106	Sustainable Urban Design: Approaches and Principles
DYN207	Management and Administration of Projects
Year 4, Semester 1	
DYN211	Studio: Communities
Year 4, Semester 2	
DLN215	Studio: Advanced Practice
July entry	
Year 1, Semester 2	
DLN108	Planning and Policy for Contemporary Issues
DYN107	Decolonised Design
Year 2, Semester 1	
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
Year 2, Semester 2	
DLN115	Studio: Urban Spaces
Year 3, Semester 1	
DLN101	Landscape Histories and Criticism
DLN111	Studio: Climate-Responsive Design
Year 3, Semester 2	
DYN106	Sustainable Urban Design: Approaches and Principles
DYN207	Management and Administration of Projects
Year 4, Semester 1	
DLN104	Critical Ecologies
DYN203	Integrated Professional Practice
Year 4, Semester 2	
DYN211	Studio: Communities
Year 5, Semester 1	
DLN215	Studio: Advanced Practice

Master of Architecture (until 2022)

Year	2021
QUT code	DE80
CRICOS	056390G
Duration (full-time)	1 year
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,000 per year full-time (96 credit points)
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	Aspro Philip Crowther
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

Academic entry requirements

Successful completion of QUT's:

- Bachelor of Design (Honours) (Architectural Studies) (DE42); *or*
- Bachelor of Design (Architectural Studies) (DE40) *or*

A completed recognised:

- 4 year architectural design Bachelor program that is accredited by the AACA; *or*
- 4 year architectural design Bachelor non-accredited program (international programs). You may be asked to submit a portfolio of design work.

Current Bachelor of Design (Architectural Studies) (DE40) and Bachelor of Design (Honours) (Architectural Studies) (DE42) graduands will automatically receive an offer to start the Master of Architecture (DE80) within three weeks of the current semester results being released.

All other applicants must apply directly to QUT.

Applicants who have a three year qualification must complete QUT's Bachelor of Design (Honours) (Architectural Studies) or a comparable AACA accredited program.

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.

Note

Applicants who do not satisfy entry requirements for the Master of Architecture course may be considered for a pathway via the Bachelor of Design (Honours) (Architectural Studies), leading to the Master of 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

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 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

Master of Architecture (from 2022)

Year	2021
QUT code	DE83
Duration (full-time)	2 years
Campus	Gardens Point
Domestic fee (indicative)	2021: CSP $8,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Aspro Philip Crowther
Discipline Coordinator	AskQUT +61 7 3138 2000 askqut@qut.edu.au

Domestic Entry requirements

Academic entry requirements

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 (Honours) (Architectural Studies) (DE42)
- Bachelor of Design (Architectural Studies) (DE40).

You can also apply if you have one of the following completed, recognised qualifications:

- a three-year architectural design bachelor degree program that leads to an AACA accredited course, with a GPA of 4.5 (or equivalent)
- a three-year architectural design bachelor non-accredited program (international programs) with a GPA of 4.5 (or equivalent). You may be asked to submit a portfolio of design work.

QUT Bachelor of Design (Architecture) (DE43) and Bachelor of Design - International (Architecture) (DE45) graduands with a GPA of 4.5 or better will automatically receive an offer for DE83 Master of Architecture within three weeks of course completion. All other applicants must apply directly to QUT.

International Entry requirements

Academic entry requirements

Australian qualifications

2-year program

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).

You can also apply if you have a completed recognised 3-year architectural design bachelor program that leads to an AACA accredited course, with a GPA of 4.5 (or equivalent).

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 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.

Pathway options

If you do not satisfy entry requirements for the Master of Architecture, you may be considered for a pathway via the Bachelor of Design (Architecture), leading to the Master of 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 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	
DAN105	Complex Building Systems
DAN111	Studio: Adaptable
DYN102	Research Strategies in Design
Year 1, Semester 2	
DAN104	Advanced Building Science
DAN112	Studio: Urban
DYN106	Sustainable Urban Design: Approaches and Principles
Year 2, Semester 1	
DAN108	Contemporary Architectural Theory
DYN203	Integrated Professional Practice
DYN211	Studio: Communities
Year 2, Semester 2	
DAN212	Studio: Integrated
DYN107	Decolonised Design
DYN207	Management and Administration of Projects
July entry	
Year 1, Semester 2	
DAN104	Advanced Building Science
DAN112	Studio: Urban
DYN106	Sustainable Urban Design: Approaches and Principles
Year 2, Semester 1	
DAN105	Complex Building Systems
DAN111	Studio: Adaptable
DYN102	Research Strategies in Design
Year 2, Semester 2	
DAN212	Studio: Integrated
DYN107	Decolonised Design
DYN207	Management and Administration of Projects
Year 3, Semester 1	
DAN108	Contemporary Architectural Theory
DYN203	Integrated Professional Practice
DYN211	Studio: Communities

Master of Engineering

Year	2021
QUT code	EN50
CRICOS	060811A
Duration (full-time)	1 year
Duration (part-time)	2 years
Campus	Gardens Point
Domestic fee (indicative)	2021: $29,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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 The part-time (onshore) study option is only available to non-student visa holders with a visa that permits study.
Course Coordinator	Dr Marc Miska
Discipline Coordinator	Dr Dhammika Jayalath (Electrical), Dr Wim Dekkers (Mechanical) +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

Master of Engineering

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 progam 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:

60 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 36 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:

60 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 36 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
Year 1, Semester 1	
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	
Year 1, Semester 2	
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	
Electrical Engineering Major Unit Options List	
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
Mechanical Engineering Major Unit Options List	
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
EGB423	Heating, Ventilation and Air Conditioning
EGB424	Advanced Computational Fluid Dynamics
EGB434	Tribology
EGB435	Advanced Manufacturing
EGB436	Industrial Automation
EGB485	Finite Element Analysis
EGH420	Mechanical Systems Design
EGH422	Advanced Thermodynamics
ENN531	Advanced Materials and Engineering Applications
ENN552	Solar Thermal Systems - Heat and Power
ENN553	Energy Optimised Buildings and Communities
*Note: ENN552 & ENN553 available in alternate years of each other	
ENN533 was discontinued in 2018 and is not offered in 2019 onwards	

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 *Addtional 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
Combined Masters Program - Year 2	
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.	
EN50 Study Plan for BN87 Master of Engineering Management Graduates	
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	
Electrical Engineering Major Unit Options List	
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

Master of Engineering

ELECTRONICS UNITS	
CAB420	Machine Learning
EGB439	Advanced Robotics
EGH449	Advanced Electronics
EGH456	Embedded Systems
Mechanical Engineering Major Unit Options List	
Select 36CP (3 units) from the Mechanical Engineering Unit Options List	
EGB415	Motor Racing Vehicle Design
EGB422	Energy Management
EGB423	Heating, Ventilation and Air Conditioning
EGB424	Advanced Computational Fluid Dynamics
EGB434	Tribology
EGB435	Advanced Manufacturing
EGB436	Industrial Automation
EGB485	Finite Element Analysis
EGH420	Mechanical Systems Design
EGH422	Advanced Thermodynamics
ENN531	Advanced Materials and Engineering Applications
ENN533	Advanced Engineering Design and Maintenance
ENN552	Solar Thermal Systems - Heat and Power
ENN553	Energy Optimised Buildings and Communities
Note: ENN552 and ENN553 available in alternate years of each other	
Additional Unit Selections List	
International students on the BN87 + EN50 pathway may request an additional unit from the list below. Please contact the faculty sef.enquiry@qut.edu.au 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

Master of Professional Engineering

Year	2021
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)	2021: $31,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Marc Miska

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.

Master of Professional Engineering (Civil)

Year	2021
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)	2021: $31,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Marc Miska
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

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.

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
Year 1, Semester 1	
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
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	
Year 2, Semester 1	
ENN541	Research Methods for Engineers
ENN592-1	Project 1
Discipline Option Unit	
Discipline Option Unit	
Year 2, Semester 2	
ENN543	Data Analytics and Optimisation
ENN592-2	Project 2
Discipline Option Unit	
Discipline Option Unit	
Select 108CP (9 units) from the Civil Engineering Unit 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
EGB486	Bridge Engineering
EGB489	Advanced Transport Modelling
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
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
Year 1, Semester 1	
PMN610	Project Management Principles
OR Discipline Option Unit	
Select from Mandatory Units List	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
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	
Year 2, Semester 1	
ENN541	Research Methods for Engineers
ENN592-1	Project 1
Select from Mandatory Units List	
Discipline Option Unit	
Year 2, Semester 2	
ENN543	Data Analytics and Optimisation
ENN592-2	Project 2
Select from Mandatory Units List	
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 60CP (5 units) from the Civil and Construction Unit Options List	
EGB482	Contracting and Construction Regulations
EGB479	Advanced Transport Engineering
EGB475	Advanced Structural Analysis
EGB486	Bridge Engineering
EGB489	Advanced Transport Modelling
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering

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
Year 1, Semester 1	
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
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	
Year 2, Semester 1	
ENN541	Research Methods for Engineers
Discipline Option Unit	
ENN593-1	Project 1
Discipline Option Unit	
Year 2, Semester 2	
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
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance
Select 60CP (5 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
EGB486	Bridge Engineering
EGB489	Advanced Transport Modelling
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
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
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
ENN543	Data Analytics and Optimisation
ENN592-1	Project 1
Year 2, Semester 1	
ENN592-2	Project 2
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Select 60CP (5 units) from Civil Engineering Unit Options List 1	
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
EGB486	Bridge Engineering
EGB489	Advanced Transport Modelling
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
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
Year 1, Semester 1	
PMN610	Project Management Principles
ENN541	Research Methods for Engineers
Select from Mandatory Units List	
Select from Mandatory Units List	
Year 1, Semester 2	
EGH479	Advances in Civil Engineering Practice
ENN544	Sustainable Practice in Engineering
ENN543	Data Analytics and Optimisation
ENN592-1	Project 1
Year 2, Semester 1	
ENN592-2	Project 2
Select from Mandatory Units List	
Select from Mandatory Units List	

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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
EGB486	Bridge Engineering
EGB489	Advanced Transport Modelling
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering

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
EGB486	Bridge Engineering
EGB489	Advanced Transport Modelling
EGH471	Advanced Water Engineering
EGH472	Advanced Highway and Pavement Engineering
EGH473	Advanced Geotechnical Engineering
EGH475	Advanced Concrete Structures

Master of Professional Engineering (Electrical)

Year	2021
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)	2021: $31,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Marc Miska
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

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
Year 1, Semester 1	
EGB340	Design and Practice
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 2, Semester 1	
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	
Year 2, Semester 2	
ENN543	Data Analytics and Optimisation
ENN592-2	Project 2
Discipline Option Unit	
Discipline Option Unit	
Select 108CP (9 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
- 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
Year 1, Semester 1	
EGB340	Design and Practice
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 2, Semester 1	
ENN541	Research Methods for Engineers
PMN610	Project Management Principles
OR Discipline Option Unit	
ENN593-1	Project 1
Discipline Option Unit	
Year 2, Semester 2	
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
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance
Select 60CP (5 units) 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

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

Master of Professional Engineering (Mechanical)

Year	2021
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)	2021: $31,000 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Marc Miska
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

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.

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
Year 1, Semester 1	
EGB316	Design of Machine Elements
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 2, Semester 1	
ENN541	Research Methods for Engineers
ENN592-1	Project 1
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Year 2, Semester 2	
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
EGB423	Heating, Ventilation and Air Conditioning
EGB424	Advanced Computational Fluid Dynamics
EGB434	Tribology
EGB435	Advanced Manufacturing
EGB436	Industrial Automation
EGB485	Finite Element Analysis
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
ENN531	Advanced Materials and Engineering Applications
ENN552	Solar Thermal Systems - Heat and Power
ENN553	Energy Optimised Buildings and Communities
*Note: ENN552 and ENN553 available in alternate years of each other	
Select 36CP (3 units) from the Mechanical Engineering Unit Options List 2	
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
ENN531	Advanced Materials and Engineering Applications
ENN552	Solar Thermal Systems - Heat and Power
ENN553	Energy Optimised Buildings and Communities
*Note: ENN552 and ENN553 available in alternate years of each other	

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 Mechanical Strand Option List

Code	Title
Year 1, Semester 1	
EGB316	Design of Machine Elements
Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 1, Semester 2	
ENN544	Sustainable Practice in Engineering
PMN610	Project Management Principles
OR Discipline Option Unit	
Discipline Option Unit	
Discipline Option Unit	
Year 2, Semester 1	
ENN541	Research Methods for Engineers
PMN610	Project Management Principles
OR Discipline Option Unit	
ENN593-1	Project 1
Discipline Option Unit	
Year 2, Semester 2	
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
MGN441	Coaching for Leadership Development
MGN505	Consulting and Change Management
PMN504	People and Projects
PMN601	Projects and Performance
Select 60CP (5 units) from the Mechanical Strand Option List	
EGB415	Motor Racing Vehicle Design
EGB422	Energy Management
EGB423	Heating, Ventilation and Air Conditioning
EGB424	Advanced Computational

Master of Professional Engineering (Mechanical)

	Fluid Dynamics
EGB434	Tribology
EGB435	Advanced Manufacturing
EGB436	Industrial Automation
EGB485	Finite Element Analysis
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
ENN531	Advanced Materials and Engineering Applications
ENN552	Solar Thermal Systems - Heat and Power
ENN553	Energy Optimised Buildings and Communities
EGH463 Plant and Process Design option not available from 1/2020	
*Note: ENN552 and ENN553 available in alternate years of each other	

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
Year 1, Semester 1	
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
EGB423	Heating, Ventilation and Air Conditioning
EGB424	Advanced Computational Fluid Dynamics
EGB434	Tribology
EGB435	Advanced Manufacturing
EGB436	Industrial Automation
EGB485	Finite Element Analysis
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH463	Plant and Process Design
ENN531	Advanced Materials and Engineering Applications
ENN552	Solar Thermal Systems - Heat and Power
ENN553	Energy Optimised Buildings and Communities
*Note: ENN552 and ENN553 available in alternate years of each other	
Select 36CP (3 units) from the Mechanical Engineering Unit Options List 2	
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
EGH463	Plant and Process Design
ENN531	Advanced Materials and Engineering Applications
ENN552	Solar Thermal Systems - Heat and Power
ENN553	Energy Optimised Buildings and Communities
*Note: ENN552 and ENN553 available in alternate years of each other	

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
Year 1, Semester 1	
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
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 Mechanical Strand Option List	
EGB415	Motor Racing Vehicle Design
EGB422	Energy Management
EGB423	Heating, Ventilation and Air Conditioning
EGB424	Advanced Computational Fluid Dynamics
EGB434	Tribology
EGB435	Advanced Manufacturing

Master of Professional Engineering (Mechanical)

EGB436	Industrial Automation
EGB485	Finite Element Analysis
EGH414	Stress Analysis
EGH420	Mechanical Systems Design
EGH421	Vibration and Control
EGH422	Advanced Thermodynamics
EGH423	Fluids Dynamics
ENN531	Advanced Materials and Engineering Applications
ENN552	Solar Thermal Systems - Heat and Power
ENN553	Energy Optimised Buildings and Communities
EGH463 Plant and Process Design option not available from 1/2020	
Note: ENN552 and ENN553 available in aternate years of each other	

Master of Project Management

Year	2021
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)	2021: $23,100 per year full-time (96 credit points)
International fee (indicative)	2021: $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	Dr Madhav Nepal
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. Units completed in the graduate certificate are credited to the masters degree (total 1.5 years duration).

You will be automatically assessed for eligibility to the one year program as part of QUT's application for admission process.

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 knowlege 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 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.

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 knowlege 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 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
Year 2, Semester 1	
PMN601	Projects and Performance
PMN603	Project Investigation 1
Discipline Unit Option	
Discipline Unit Option	
Year 2, Semester 2	
PMN606	Project Investigation 2
PMN608	Managing the Project
PMN608 is a captstone 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
Year 1, Semester 1	
PMN601	Projects and Performance
PMN603	Project Investigation 1
Discipline Unit Option	
Discipline Unit Option	
Year 1, Semester 2	
PMN606	Project Investigation 2
PMN608	Managing the Project
PMN608 is a captstone 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
Year 1, Semester 2 (July)	
PMN608	Managing the Project
PMN603	Project Investigation 1
Discipline Unit Option	
Discipline Unit Option	
Year 2, Semester 1	
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
Core Units to be completed under PM20	
If you have completed BN87 select	
PMN503	Systems in Project Management
If you have completed EN50 select	
PMN601	Projects and Performance
Plus the following core units	
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

Master of Project Management

Year	2021
QUT code	PQ20
Duration (full-time)	1.5 years
Domestic fee (indicative)	2021: $23,100 per year full-time (96 credit points)
International fee (indicative)	2021: $34,500 per year full-time (96 credit points)
Total credit points	144
Start months	October, July, April, February
Int. Start Months	October, July, April, February
Course Coordinator	
Discipline Coordinator	1300 110 918 help@qutonline.edu.au

Master of Project Management will provide you with advanced discipline knowledge and skills to lead and project manage large and complex projects in diverse work settings.

Domestic Entry requirements

Academic entry requirements

You can gain entry into the Master of Project Management with:

- a completed recognised bachelor degree (o higher qualification) in project management, engineering, built environment or business; or
- a completed recognised bachelor degree (or higher qualification) in any discipline, and at least six months full-time (or equivalent) professional project management work experience; or
- a completed recognised diploma (or higher qualification) in project or program management and two years full-time (or equivalent) relevant professional work experience; or
- five years full-time (or equivalent) professiona project management work experience; or
- completion of QUT's Graduate Certificate i Project Management.

Course structure

To meet the course requirements for the Master of Project Management, you must complete a total of 144 credit points.

Units
Project Management Essentials 1
Project Management Essentials 2
Systems in Project Management
People and Projects
Organisations and Projects
Strategy and Projects
Strategic Project Procurement
Strategic Risk Management
Projects and Performance
Project Investigation 1
Project Investigation 2
Managing the Project

Advanced Standing

Your past studies or work experience may count as credit towards your QUT Online course; we call this 'advanced standing'. That means you might not have to complete all of the units listed in your course structure and you may be able to graduate sooner.

In exceptional circumstances, extensive work experience in a particular field can also be recognised.

Master of Philosophy

Year	2021
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)	2021: $26,800 - $33,300 per year full-time if you exceed the maximum time under RTP
International fee (indicative)	2021: $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)

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)

Doctor of Philosophy (Hosted by Faculty of Engineering)

Year	2021
QUT code	IF49
CRICOS	006367J
Duration (full-time domestic)	3 - 4 years
Duration (full-time international)	4 years
Campus	Kelvin Grove
Domestic fee (indicative)	2021: $26,800 - $33,300 per year full-time if you exceed the maximum time under RTP
International fee (indicative)	2021: $30,300 - $36,800 per year full-time
Total credit points	288
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)

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.

For more information on eligibility, read the admission criteria for the Doctor of Philosophy (PDF, 98.5KB).

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.

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; *and*
- present evidence of research experience and potential for approval

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; *and*
- 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.

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

Year	2021
QUT code	DV43
CRICOS	103171B
Duration (full-time)	4.5 years
Duration (part-time domestic)	9 years
Offer Guarantee	Yes
Domestic fee (indicative)	2021: CSP $8,000 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)	2021: $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

Code	Title
Semester 1 (February) commencements	
DV43 Bachelor of Design component	
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 Techniques
DLB202	Landscape, People and Place Studio
A Complementary Studies unit	
A Complementary Studies unit	
Year 2, Semester 2	
DLB204	Planting Design
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
A Complementary Studies unit	
Year 3, Semester 1	
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
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
Year 3, Semester 2	
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	
DE72 Master of Landscape Architecture component	
Year 4, Semester 1	
DLN101	Landscape Histories and Criticism
DLN104	Critical Ecologies
DLN111	Studio: Climate-Responsive Design
DYN203	Integrated Professional Practice
Year 4, Semester 2	
DLN115	Studio: Urban Spaces
DYN106	Sustainable Urban Design: Approaches and Principles
DYN207	Management and Administration of Projects
Year 5, Semester 1	
DLN215	Studio: Advanced Practice
DYN211	Studio: Communities
Semester 2 (July) commencements	
DV43 Bachelor of Design component	
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
DYB201	Impact Lab 3: Planet
A Complementary Studies unit	
Year 3, Semester 1	
DLB201	Landform, Technology and Techniques
DLB202	Landscape, People and Place Studio
A Complementary Studies unit	
A Complementary Studies unit	
Year 3, Semester 2	
DLB302	Landscape Materiality and Constructs
DLB303	Resilient Landscapes Studio
DLN108	Planning and Policy for Contemporary Issues
DYN107	Decolonised Design
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
DLN103	Plants for Urban and Natural Systems
DYN102	Research Strategies in Design
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	
DE72 Master of Landscape Architecture component	
Year 4, Semester 2	
DLN115	Studio: Urban Spaces
DYN106	Sustainable Urban Design: Approaches and Principles
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