Bachelor of Engineering (Honours)

Minor Options

Undergraduate Program - Consists of 8 units
Suggested Study Plans from 2027 Commencement Onwards

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
CREATE CHANGE

Program and Course requirements

For the **Bachelor of Engineering (Honours)** full program and course requirements, click here. Make sure to check your program's rules to ensure you are compliant with requirements.

Prerequisite Courses

Students are expected to be aware if a course has prerequisites and must have successfully completed any required prerequisites before enrolling. A prerequisite course provides the foundational knowledge needed to progress to the next course and may be high school subjects or university-level study/courses.

Prerequisites are listed on the course profile and the course page on the Programs and Courses website.

Electives

Depending on your program, you may need to complete compulsory and elective courses.

Electives are courses you can choose, while compulsory courses are mandatory courses that you must study. You must successfully complete all the required units of elective and compulsory courses to meet the program requirements. Your program rules outline how many electives you can study and the types of electives you can choose from.

Search Programs and Courses website for your program to confirm program rules and elective options.

Academic Advice

Academic advisors provide specialist help in course selection and can look at your individual study history to make personalised recommendations on your study plan.

If you need assistance with your program, you can seek Academic Advice.

Additional Information

Course profiles are underlined and hyperlinked to their relevant course page which can be accessed by clicking the underlined text.

CRICOS: 00025B TEQSA: PRV12080

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The University Of Queensland
AUSTRALIA
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The following is a colour reference guide, including notes around course offerings and units:

Core Courses | Minor Elective

1 & 2 Course offered in both Semester 1 & 2

Minors

It is recommended to begin a minor in Year 2, but depending on Specialisation and Major requirements, it may need to begin in Year 1. Refer to Academic Advice information to assist with personalised recommendations on your study plan.

The BE(Hons) Minor in Computing can only be undertaken with:

- BE(Hons) Specialisation in Chemical Engineering
- BE(Hons) Specialisation in Civil Engineering
- BE(Hons) Specialisation in Electrical Engineering
- BE(Hons) Specialisation in Mechanical Engineering
- BE(Hons) Specialisation in Robotic and Mechatronic Engineering

Where courses are compulsory in both the specialisation and minor, the compulsory course in the minor must be substituted by courses from the relevant Minor's Elective Courses. Minor Elective Courses can be undertaken in any relevant semester.

	Artificial Intelligence	Computing	Data Science	Design	
Sem 1 Feb	**COMP2701** Generative Artificial Intelligence	**CSSE2002** Programming in the Large (1 & 2)	**INFS1200** Introduction to Information Systems (1 & 2)	**ADPS1001**[1]	**DSGN1500**[2]
Sem 2 July	**COMP3702** Artificial Intelligence	**COMP3506** Algorithms and Data Structures	**COMP2011** Fundamentals of Data Science	**DSGN1002**[3] or **DSGN2002**[4]	
Sem 1 Feb	**COMP4702** Machine Learning	**COMPUTING ELECTIVE**	**DATA SCIENCE ELECTIVE**	**ADPS3002** Interdisciplinary Design Project	
Sem 2 July	**ARTIFICIAL INTELLIGENCE ELECTIVE**	**COMPUTING ELECTIVE**	**DATA SCIENCE ELECTIVE**		

NOTES

[1] ADPS1001, Digital Visual Communication
[2] DSGN1500, Design for a Better World
[3] DSGN1002, Design Methods
[4] DSGN2002, Design for the Circular Economy

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Students must follow the program rules and requirements listed on the my.UQ website. Future course offerings are subject to change. Seek academic advice if you are undertaking a dual degree, have any questions or if you fail any courses.

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Bachelor of Engineering (Honours)

Minor Options

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Suggested Study Plan from **Semester 2, 2027** Commencement Onwards

THE UNIVERSITY OF QUEENSLAND
AUSTRALIA
CREATE CHANGE

The following is a colour reference guide, including notes around course offerings and units:

Core Courses | Minor Elective

1 & 2 Course offered in both Semester 1 & 2

Minors

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Where courses are compulsory in both the specialisation and minor, the compulsory course in the minor must be substituted by courses from the relevant Minor's Elective Courses. Minor Elective Courses can be undertaken in any relevant semester.

	Artificial Intelligence	Computing	Data Science	Design	
Sem 2 July	ARTIFICIAL INTELLIGENCE ELECTIVE	CSSE2002 Programming in the Large (1 & 2)	INFS1200 Introduction to Information Systems (1 & 2)		
Sem 1 Feb	COMP2701 Generative Artificial Intelligence	COMPUTING ELECTIVE	DATA SCIENCE ELECTIVE	ADPS1001[1]	DSGN1500[2]
Sem 2 July	COMP3702 Artificial Intelligence	COMP3506 Algorithms and Data Structures	COMP2011 Fundamentals of Data Science	DSGN1002[3] or DSGN2002[4]	
Sem 1 Feb	COMP4702 Machine Learning	COMPUTING ELECTIVE	DATA SCIENCE ELECTIVE	ADPS3002 Interdisciplinary Design Project	

NOTES

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