

2026 Dual Program Planner

Bachelor of Engineering (Honours) / Computer Science (BE(Hons)/BCompSc)



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA

CREATE CHANGE

Program Overview

Program Code: 2569

Total Units: 88

Please refer to [Bachelor of Engineering \(Honours\) / Computer Science](#) for further information on the program.

Important Information

- At UQ we refer to your degree as a program and a subject as a course.
- Most UQ courses have a value of 2 units, however some courses may differ. Please check [Programs and Courses](#) for specific course details.
- If you are a full-time student, you will undertake 8 units (usually 4 courses) each semester.
- A course can only count once towards your program requirements.

It is your responsibility to make sure you complete the requirements for each component of this dual program so you can graduate with both programs. You must follow the program requirements, including any additional rules, listed on the [Programs and Courses website](#). This program planner must be used in conjunction with your [Program and Course Requirements](#).

You need to check the prerequisites, incompatible courses, restrictions and semester offerings for all courses you choose in your study plan each semester.

Program Requirements

You must complete a total of 88 units for this program, comprising:

Bachelor of Engineering (Honours) (BEHons) component

60 units from BE(Hons) course list including –

- 8 units for all BE(Hons) Core Courses, and
- 52 units for one Plan from BE(Hons) Specialisation options

Bachelor of Computer Science (BCompSc) component

28 units from BCompSc course list including –

- 20 units for all BCompSc Core Courses, and
- 2 to 4 units from Computer Science Introductory Elective Courses, and
- 4 to 6 units from Computer Science Advanced Elective Courses

Additional Rules

Your program has additional rules that you need to read carefully to make sure you meet your program requirements for graduation – please refer to your program information on the [Programs and Courses website](#).

Selecting Plans in SI-Net

A plan is a prescribed combination of courses within a program being either a Major (16 units), Extended Major (24 units), or Minor (8 units). Make sure the plans for your program are correctly listed in [mySI-net](#). If you require assistance selecting your plan(s), follow these [instructions](#).

You may need to amend this study planner depending on the plan(s) that you have chosen to study.

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Program Planner Guidelines

This planner is intended as a guide only and is based on current scheduling of courses. Please note that scheduling can change from year to year. You are advised to check the scheduling for the current year and contact the relevant faculty for advice if course scheduling has changed.

Global Experience

If you are planning on completing an overseas exchange, you may have to amend this plan. You are strongly encouraged to seek advice as early as possible – preferably in your first or second semester of study.

Changing to a Single Program (Exit Early)

If you exit early with one component of a dual program, you must complete the single program requirements of that component. You will then be required to follow the single program requirements to complete the remaining component from that dual program.

If you decide to change your program at any time during your studies, please contact the relevant faculty for advice.

Further Assistance

If you need more help or have any questions, please contact the relevant faculty for advice:

Bachelor of Engineering (Honours)

Faculty of Engineering, Architecture and Information
Technology

Email: enquiries@eait.uq.edu.au

Bachelor of Computer Science

Faculty of Engineering, Architecture and Information
Technology

Email: enquiries@eait.uq.edu.au

Program Planners

Bachelor of Engineering (Honours) / Computer Science

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Semester 1 Commencement

Year 1	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 1					
	ENGG1100	Professional Engineering	2 units			
	CSSE1001	Introduction to Software Engineering	2 units			
		BE(Hons) Core Course or Course relevant to chosen specialisation*	2 units			
		BE(Hons) Core Course or Course relevant to chosen specialisation*	2 units			
	Semester 2					
		BE(Hons) Core Course or Course relevant to chosen specialisation*	2 units	MATH1061	Discrete Mathematics	2 units
	BE(Hons) Core Course or Course relevant to chosen specialisation*	2 units	INFS1200	Introduction to Information Systems	2 units	

Year 2	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 1					
		Course relevant to chosen Specialisation	2 units	CSSE2002	Programming in the Large	2 units
		Course relevant to chosen Specialisation	2 units			
		Course relevant to chosen Specialisation	2 units			
	Semester 2					
		Course relevant to chosen Specialisation	2 units	CSSE2010	Introduction to Computer Systems	2 units
		Course relevant to chosen Specialisation	2 units			
		Course relevant to chosen Specialisation	2 units			

Year 3	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 1					
		Course relevant to chosen Specialisation	2 units	COMP1100	Introduction to Software Innovation	2 units
		Course relevant to chosen Specialisation	2 units			
		Course relevant to chosen Specialisation				
	Semester 2					
		Course relevant to chosen Specialisation	2 units	COMP3506	Algorithms & Data Structures	2 units
		Course relevant to chosen Specialisation	2 units			
		Major or specified elective Course	2 units			

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Year 4	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 1					
		Course relevant to chosen Specialisation	2 units	CSSE2310	Computer Systems Principles and Programming	2 units
		Major or specified elective Course	2 units	DECO2500	Human-Computer Interaction	2 units
	Semester 2					
		Course relevant to chosen Specialisation	2 units	COMP2200	Ethical Practice in Computing	2 units
		Major or specified elective Course	2 units		BCompSc Introductory Elective	2 units

Year 5	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 1					
		Course relevant to chosen Specialisation	2 units		BCompSc Introductory / Advanced Elective	2 units
		Major or specified elective Course	2 units		BCompSc Advanced Elective	2 units
	Semester 2					
		Major or specified elective Course	2 units	DECO3801	Design Computing Studio 3 - Build	2 units
		Major or specified elective Course	2 units		BCompSc Advanced Elective	2 units

Year 6	Bachelor of Engineering (Honours)			Bachelor of Computer Science	
	Semester 2				
		Course relevant to chosen Specialisation	4 units		
		Major or specified elective Course	2 units		
		Major or specified elective Course	2 units		

* Courses chosen in the engineering component of the first year of the program depend on intended specialisation and whether it is necessary to complete MATH1050 prior to MATH1051. All students must complete CSSE1001, MATH1051 (or MATH1071), MATH1052 (or MATH1072), and at least one of ENGG1300, ENGG1500 and ENGG1700. Refer to <https://www.eait.uq.edu.au/current-students/information-new-students/undergraduate-information-new-students/get-started-engineering> for further details about how to choose these courses.

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Semester 2 Commencement

Year 1	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 2					
	ENGG1100	Professional Engineering	2 units			
	CSSE1001	Introduction to Software Engineering	2 units			
		BE(Hons) Core Course or Course relevant to chosen specialisation*	2 units			
		BE(Hons) Core Course or Course relevant to chosen specialisation*				
	Semester 1					
		BE(Hons) Core Course or Course relevant to chosen specialisation*	2 units	MATH1061	Discrete Mathematics	2 units
	BE(Hons) Core Course or Course relevant to chosen specialisation*	2 units	INFS1200	Introduction to Information Systems	2 units	

Year 2	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 2					
		Course relevant to chosen Specialisation	2 units	CSSE2002	Programming in the Large	2 units
		Course relevant to chosen Specialisation	2 units			
		Course relevant to chosen Specialisation	2 units			
	Semester 1					
		Course relevant to chosen Specialisation	2 units	COMP1100	Introduction to Software Innovation	2 units
		Course relevant to chosen Specialisation	2 units			
		Course relevant to chosen Specialisation	2 units			

Year 3	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 2					
		Course relevant to chosen Specialisation	2 units	CSSE2010	Introduction to Computer Systems	2 units
		Course relevant to chosen Specialisation	2 units			
		Course relevant to chosen Specialisation	2 units			
	Semester 1					
		Course relevant to chosen Specialisation	2 units	CSSE2310	Computer Systems Principles and Programming	2 units
		Course relevant to chosen Specialisation	2 units			
		Major or specified elective Course	2 units			

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Year 4	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 2					
		Course relevant to chosen Specialisation	2 units	COMP3506	Algorithms & Data Structures	2 units
		Major or specified elective Course	2 units	COMP2200	Ethical Practice in Computing	2 units
	Semester 1					
		Course relevant to chosen Specialisation	2 units	DECO2500	Human-Computer Interaction	2 units
		Major or specified elective Course	2 units		BCompSc Introductory Elective	2 units

Year 5	Bachelor of Engineering (Honours)			Bachelor of Computer Science		
	Semester 2					
		Course relevant to chosen Specialisation	2 units		BCompSc Introductory / Advanced Elective	2 units
		Major or specified elective Course	2 units		BCompSc Advanced Elective	2 units
	Semester 1					
		Major or specified elective Course	2 units	DECO3801	Design Computing Studio 3 - Build	2 units
		Major or specified elective Course	2 units		BCompSc Advanced Elective	2 units

Year 6	Bachelor of Engineering (Honours)			Bachelor of Computer Science	
	Semester 2				
		Course relevant to chosen Specialisation	4 units		
		Major or specified elective Course	2 units		
		Major or specified elective Course	2 units		

* Courses chosen in the engineering component of the first year of the program depend on intended specialisation and whether it is necessary to complete MATH1050 prior to MATH1051. All students must complete CSSE1001, MATH1051 (or MATH1071), MATH1052 (or MATH1072), and at least one of ENGG1300, ENGG1500 and ENGG1700. Refer to <https://www.eait.uq.edu.au/current-students/information-new-students/undergraduate-information-new-students/get-started-engineering> for further details about how to choose these courses.