2026 Dual Program Planner

Bachelor of Engineering (Honours)/
Bachelor of Information Technology (BE(Hons)/BInfTech)

THE UNIVERSITY OF QUEENSLAND AUSTRALIA | CREATE CHANGE

Program Overview

Program Code: 2575
Total Units: 88
Please refer to Bachelor of Engineering (Honours)/ Information Technology 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 (Hons) component

56 units from BE(Hons) course list including –

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

Bachelor of Information Technology (BInfTech) component

32 units from either of the following two options –

- 0 to 2 units from BInfTech Foundation Courses, and
- 22 units for all BInfTech Core Courses, and
- 2 units for all Information Technology Extension Courses, and
- 6 to 8 units from Information Technology Discipline 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 Information Technology
Faculty of Engineering, Architecture and Information Technology
Email: enquiries@eait.uq.edu.au

Program Planners

Bachelor of Engineering (Honours) / Information Technology

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Semester 1 Commencement

	Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Year 1	**Semester 1**					
	ENGG1100	Professional Engineering	2 units	**MATH1061 or MATH1081**	Discrete Mathematics / Advanced Discrete Mathematics	2 units
	CSSE1001	Introduction to Software Engineering	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	**INFS1200**	Introduction to Information Systems	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			

	Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Year 2	**Semester 1**					
		Course relevant to chosen Specialisation	2 units	**DECO1400**	Introduction to Web Design	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	**DECO1800**	Design Computing Studio 1	2 units
		Course relevant to chosen Specialisation	2 units			
		Course relevant to chosen Specialisation	2 units			

	Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Year 3	**Semester 1**					
		Course relevant to chosen Specialisation	2 units	**DECO2500**	Human-Computer Interaction	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	**COMP2140**	Web Programming	2 units
		Course relevant to chosen Specialisation	2 units			
		Specified elective Course relevant to chosen Specialisation	2 units			

	Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Year 4	**Semester 1**					
	Course relevant to chosen Specialisation	2 units	**DECO2840**	Cyber Studio		2 units
	Specified elective Course relevant to chosen Specialisation	2 units		Information Technology Discipline Elective		2 units
	Semester 2					
	Course relevant to chosen Specialisation	2 units	**DECO2850**	Human-Computer Interaction		2 units
	Specified elective Course relevant to chosen Specialisation	2 units	**COMP2200**	Ethical Practice in Computing		2 units

	Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Year 5	**Semester 1**					
	Course relevant to chosen Specialisation	2 units	**DECO3800**	Design Computing Studio 3- Proposal		2 units
	Specified elective Course relevant to chosen Specialisation	2 units		Information Technology Discipline Elective		2 units
	Semester 2					
	Specified elective Course relevant to chosen Specialisation	2 units	**DECO3801**	Design Computing Studio 3- Build		2 units
	Specified elective Course relevant to chosen Specialisation	2 units		Information Technology Discipline Elective (Level 3)		2 units

	Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Year 6	**Semester 1**					
	Course relevant to chosen Specialisation	4 units		Information Technology Discipline Elective (Level 3)		2 units
				BInfTech Program Elective		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 ENGG1001 (or CSSE1001), MATH1051 (or MATH1071), MATH1052 (or MATH1072), and at least one of ENGG1300, ENGG1500 and ENGG1700. Refer to Get started in Engineering - Faculty of Engineering, Architecture and Information Technology - University of Queensland for further details about how to choose these courses.

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Semester 2 Commencement

Year 1

Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Semester 2					
ENGG1100	Professional Engineering	2 units	**INFS1200**	Introduction to Information Systems	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 1					
	BE(Hons) Core Course or Course relevant to chosen specialisation*	2 units	**COMP1100**	Introduction to Software Innovation	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			

Year 2

Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Semester 2					
	Course relevant to chosen Specialisation	2 units	**MATH1061**	Discrete Mathematics	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	**DECO1400**	Introduction to Web Design	2 units
	Course relevant to chosen Specialisation	2 units			
	Course relevant to chosen Specialisation	2 units			

Year 3

Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Semester 2					
	Course relevant to chosen Specialisation	2 units	**DECO1800**	Design Computing Studio 1 - Interactive Technology	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	**DECO2500**	Human-Computer Interaction	2 units
	Course relevant to chosen Specialisation	2 units			
	Specified elective Course relevant to chosen Specialisation	2 units			

Year 4

Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Semester 2					
	Course relevant to chosen Specialisation	2 units	COMP2140	Web Programming	2 units
	Specified elective Course relevant to chosen Specialisation	2 units		Relevant course for Major, Minor or No major option	2 units
Semester 1					
	Course relevant to chosen Specialisation	2 units		Relevant course for Major, Minor or No major option	2 units
	Specified elective Course relevant to chosen Specialisation	2 units		Relevant course for Major, Minor or No major option	2 units

Year 5

Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Semester 2					
	Course relevant to chosen Specialisation	2 units	DECO2850	Design Computing Studio 2 - Interaction Design	2 units
	Specified elective Course relevant to chosen Specialisation	2 units		Relevant course for Major, Minor or No major option	2 units
Semester 1					
	Specified elective Course relevant to chosen Specialisation	2 units	DECO3800	Design Computing Studio 3 - Proposal	2 units
	Specified elective Course relevant to chosen Specialisation	2 units		Relevant course for Major, Minor or No major option	2 units

Year 6

Bachelor of Engineering (Honours)			Bachelor of Information Technology		
Semester 2					
	Course relevant to chosen Specialisation	4 units	DECO3801	Design Computing Studio 3 - Build	2 units
				BInfTech Elective	2 units

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