

# 2025 Dual Degree Study Planner

## Bachelor of Engineering (Honours) / Bachelor of Computer Science



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## Important Information

It is your responsibility to ensure that you complete all the requirements for each component of this dual program in order to graduate with both degrees. The following information is designed to help you plan your enrolment to meet this goal.

## Program Requirements

The Program Rules outline the requirements to complete the dual program and should be read in conjunction with the course list for each component of the dual program. The program rules are available on [UQ's Programs and Courses](#) website for the program.

## Program Guidelines

### Bachelor of Engineering (Honours) (BE(Hons)) component:

- Students without Specialist Mathematics and/or another high school prerequisite may be required to undertake preparatory courses beyond the total units for the program and may not be able to complete the program in the minimum time frame without overloading or undertaking summer study.
- Students without Queensland Senior Maths C or Specialist Mathematics should complete MATH1050 before MATH1051.
- Students must complete a specialisation other than Software Engineering. In addition, students may choose to complete a major.
- First Year BE(Hons) students can find further program planning information via the Faculty current student resources page: [Get started in Engineering - Faculty of Engineering, Architecture and Information Technology - University of Queensland](#)
- BE(Hons) students should discuss their enrolment plan with an academic adviser. The list of academic advisers is available at: <https://www.eait.uq.edu.au/current-students/manage-your-program/academic-advice>

### Bachelor of Computer Science (BCompSc) component:

- Students may choose to complete a major
- A student undertaking a BE(Hons) specialisation in which CSSE2010 is a compulsory course, must complete 2 units from the BE(Hons) or BCompSc course list towards the BCompSc in place of CSSE2010.
- A student undertaking a BE(Hons) major in which COMP3506 and CSSE2002 are compulsory courses, must complete 4 units from the BE(Hons) or BCompSc course list towards the BCompSc in place of COMP3506 and CSSE2002.
- A student undertaking a BCompSc major in which MATH1051 or MATH1071 are compulsory courses must complete 2 units from the BE(Hons) or BCompSc course list towards the BCompSc in place of MATH1051 or MATH1071.

## Selecting Plans in mySI-net

A plan is a prescribed combination of courses within a program being either a field of study, major, extended major, specialisation, minor or extended minor.

Ensure the plans for your program are correctly listed in [mySI-net](#). If you require assistance selecting your plan(s), follow these [instructions](#).

## Course Scheduling

This planner is intended as a guide only and is based on current scheduling of courses. Students should 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.

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### Exiting Early

Students exiting early with one component of a dual degree must complete the single degree requirements of that component. Students will then be required to follow the single degree rules to complete the remaining component from that dual degree.

### Global Experience

If you are planning on completing an overseas exchange, you may have to amend this plan. Students who would like an exchange experience in their program are encouraged to seek advice early in their program and be aware of the exchange deadlines: <https://employability.uq.edu.au/global-experiences>.

### Require Further Assistance?

If you require assistance planning your program or have concerns about meeting program requirements, contact the relevant Faculty for advice:

Program	Faculty	Contact Information
<b>Bachelor of Engineering (Hons)</b>	EAIT Faculty	<a href="mailto:enquiries@eait.uq.edu.au">enquiries@eait.uq.edu.au</a>
<b>Bachelor of Computer Science</b>	EAIT Faculty	<a href="mailto:enquiries@eait.uq.edu.au">enquiries@eait.uq.edu.au</a>

### Study Planners

1. [Semester 1 Commencement | Full Time Study Planner](#)
2. [Semester 2 Commencement | Full Time Study Planner](#)

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### Semester 1 Commencement | Full Time Study Planner

		BACHELOR OF ENGINEERING (HONS)			BACHELOR OF COMPUTER SCIENCE		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 1	<b>ENGG1100</b>	Professional Engineering	2			
		<b>CSSE1001</b>	Introduction to Software Engineering	2			
			BE(Hons) Core Course or Course relevant to chosen specialisation*	2			
			BE(Hons) Core Course or Course relevant to chosen specialisation*	2			
	Semester 2		BE(Hons) Core Course or Course relevant to chosen specialisation*	2	<b>MATH1061</b>	Discrete Mathematics	2
			BE(Hons) Core Course or Course relevant to chosen specialisation*	2	<b>INFS1200</b>	Introduction to Information Systems	2
Year 2	Semester 1		Course relevant to chosen Specialisation	2	<b>CSSE2002</b>	Programming in the Large	2
			Course relevant to chosen Specialisation	2			
			Course relevant to chosen Specialisation	2			
	Semester 2		Course relevant to chosen Specialisation	2	<b>CSSE2010</b>	Introduction to Computer Systems	2
			Course relevant to chosen Specialisation	2			
			Course relevant to chosen Specialisation	2			
Year 3	Semester 1		Course relevant to chosen Specialisation	2	<b>COMP2048</b>	Theory of Computing	2
			Course relevant to chosen Specialisation	2			
			Course relevant to chosen Specialisation	2			
	Semester 2		Course relevant to chosen Specialisation	2	<b>COMP3506</b>	Algorithms & Data Structures	2
			Course relevant to chosen Specialisation	2			
			Major or specified elective Course	2			
Year 4	Semester 1		Course relevant to chosen Specialisation	2		Relevant course for major or no major option	2
			Major or specified elective Course	2		Relevant course for major or no major option	2

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Year 4	Semester 2		Course relevant to chosen Specialisation	2		Relevant course for major or no major option	2
			Major or specified elective Course	2		Relevant course for major or no major option	2
Year 5	Semester 1		Course relevant to chosen Specialisation	2		Relevant course for major or no major option	2
			Major or specified elective Course	2		Relevant course for major or no major option	2
	Semester 2		Major or specified elective Course	2	<b>DECO3801</b>	Design Computing Studio 3 - Build	2
			Major or specified elective Course	2		Relevant course for major or no major option	2
Year 6	Semester 1		Course relevant to chosen Specialisation	4			
			Major or specified elective Course	2			
			Major or specified elective Course	2			

\* 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 | Full Time Study Planner

BACHELOR OF ENGINEERING (HONS)				BACHELOR OF COMPUTER SCIENCE			
Course Code		Course Name	Units	Course Code	Course Name	Units	
Year 1	Semester 2	ENGG1100	Professional Engineering	2			
		CSSE1001	Introduction to Software Engineering	2			
			BE(Hons) Core Course or Course relevant to chosen specialisation*	2			
			BE(Hons) Core Course or Course relevant to chosen specialisation*	2			
	Semester 1		BE(Hons) Core Course or Course relevant to chosen specialisation*	2	MATH1061	Discrete Mathematics	2
			BE(Hons) Core Course or Course relevant to chosen specialisation*	2	INFS1200	Introduction to Information Systems	2
Year 2	Semester 2		Course relevant to chosen Specialisation	2	CSSE2002	Programming in the Large	2
			Course relevant to chosen Specialisation	2			
			Course relevant to chosen Specialisation	2			
	Semester 1		Course relevant to chosen Specialisation	2	COMP2048	Theory of Computing	2
			Course relevant to chosen Specialisation	2			
			Course relevant to chosen Specialisation	2			
Year 3	Semester 2		Course relevant to chosen Specialisation	2	CSSE2010	Introduction to Computer Systems	2
			Course relevant to chosen Specialisation	2			
			Course relevant to chosen Specialisation	2			
	Semester 1		Course relevant to chosen Specialisation	2		Relevant course for major or no major option	2
			Course relevant to chosen Specialisation	2			
			Major or specified elective Course	2			
Year 4	Semester 2		Course relevant to chosen Specialisation	2	COMP3506	Algorithms & Data Structures	2
			Major or specified elective Course	2		Relevant course for major or no major option	2

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Year 4	Semester 1		Course relevant to chosen Specialisation	2		Relevant course for major or no major option	2
			Major or specified elective Course	2		Relevant course for major or no major option	2
Year 5	Semester 2		Course relevant to chosen Specialisation	2	<b>DECO3801</b>	Design Computing Studio 3 - Build	2
			Major or specified elective Course	2		Relevant course for major or no major option	2
	Semester 1		Major or specified elective Course	2		Relevant course for major or no major option	2
			Major or specified elective Course	2		Relevant course for major or no major option	2
Year 6	Semester 2		Course relevant to chosen Specialisation	4			
			Major or specified elective Course	2			
			Major or specified elective Course	2			

\* 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 or 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 selecting these courses.