

# 2025 Dual Degree Study Planner

## Bachelor of Mathematics / 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.

The Program Requirements, available on [UQ's Programs and Courses](#) website, outline the requirements to complete the dual program.

## Program Guidelines

### Bachelor of Mathematics component:

- Students without Queensland specialist mathematics should complete MATH1050 before MATH1051.
- Students must complete at least one major.

### Bachelor of Computer Science component:

- BCompSc students should discuss their enrolment plan with an academic adviser. A list of academic advisers is available at: <https://eecs.uq.edu.au/current-students/academic-advice> and <https://www.eait.uq.edu.au/current-students/manage-your-program/academic-advice>.

## 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](#).

## Cross-listed Courses

A course can only count towards one dual program component. If the course is compulsory in one program, it must be counted towards that program component and you should select another course from the other course list at the same level or higher. If a course is compulsory in both programs, you may select which program it will count towards, and select another course at the same level or higher from the other program course list. Please check the special rules for the dual program as they may outline specific requirements for course substitutions.

Regardless of any possible cross-listing between programs, to meet the program requirements for the BMath component of your dual program, each:

- major must include 8 units of courses level 3 or higher, and
- minor must contain 4 units of courses at level 2 or higher

taken from and counting only towards that plan's course list.

## 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.

## 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.

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### 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, please contact the relevant Faculty for advice:

Program	Faculty	Contact Information
Bachelor of Mathematics	Faculty of Science	<a href="mailto:enquire@science.uq.edu.au">enquire@science.uq.edu.au</a>
Bachelor of Computer Science	Faculty of Engineering, Architecture and Information Technology	<a href="mailto:enquiries@eait.uq.edu.au">enquiries@eait.uq.edu.au</a>

### Study Planners

1. [Semester 1 Commencement | Full Time Study Planner – BMath major](#)
2. [Semester 1 Commencement | Full Time Study Planner – BMath major + minor](#)
3. [Semester 2 Commencement | Full Time Study Planner – BMath major](#)
4. [Semester 2 Commencement | Full Time Study Planner – BMath major + minor](#)

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### Semester 1 Commencement | Full Time Study Planner

BACHELOR OF MATHEMATICS (Major)				BACHELOR OF COMPUTER SCIENCE		
	Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 1					
	<a href="#">MATH1051</a> <sup>1</sup>	Calculus & Linear Algebra I	2	<b>INFS1200</b>	Introduction to Information Systems	2
	Program Elective	Course from the BMath course list	2	<b>CSSE1001</b>	Introduction to Software Engineering	2
	Semester 2					
Year 2	<a href="#">MATH1052</a> <sup>1</sup>	Multivariate Calculus & Ordinary Differential Equations	2	<b>CSSE2002</b>	Programming in the Large	2
	<a href="#">STAT1301</a>	Advanced Analysis of Scientific Data	2	<b>COMP1100</b>	Introduction to Computer Systems	2
	Semester 1					
	<a href="#">MATH2400</a> <sup>1</sup>	Mathematical Analysis	2	<b>MATH1061</b> or <b>MATH1081</b>	Discrete Mathematics Advanced Discrete Mathematics	2
Year 3	Level 2 Course	Level 2 course from BMath major list	2	<b>CSSE2010</b>	Introduction to Computer Systems	2
	Level 2 Course	Level 2 course from BMath major list	2		Relevant course for Major or No major option	2
	Program Elective	Course from the BMath course list	2		Relevant course for Major or No major option	2
	Semester 1					
Year 4	Level 2 Course	Level 2 course from BMath major list	2	<b>COMP2048</b>	Theory of Computing	2
	Program Elective	Course from the BMath course list	2		Relevant course for Major or No major option	2
	Semester 2					
	Level 3 Course	Level 3 course from BMath major list	2	<b>COMP3506</b>	Algorithms & Data Structures	2
Year 5	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
	Semester 1					
	Level 3 Course	Level 3 course from BMath major list	2	<b>DECO3801</b>	Design Computing Studio 3 - Build	2
Year 6	Program Elective	Course from the BMath course list	2	Elective	Course from BCompSc course list	2
	Semester 2					
	Level 3 Course	Level 3 course from BMath major list	2			
	Program Elective	Course from the BMath course list	2			

<sup>1</sup> Students should refer to the BMath course list for advanced course offerings.

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### Semester 1 Commencement | Full Time Study Planner

BACHELOR OF MATHEMATICS (Major + Minor)				BACHELOR OF COMPUTER SCIENCE			
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 1	<a href="#">MATH1051</a> <sup>1</sup>	Calculus & Linear Algebra I	2	<b>INFS1200</b>	Introduction to Information Systems	2
		Minor	Course for BMath minor	2	<b>CSSE1001</b>	Introduction to Software Engineering	2
	Semester 2	<a href="#">MATH1052</a> <sup>1</sup>	Multivariate Calculus & Ordinary Differential Equations	2	<b>CSSE2002</b>	Programming in the Large	2
		<a href="#">STAT1301</a>	Advanced Analysis of Scientific Data	2			2
Year 2	Semester 1	<a href="#">MATH2400</a> <sup>1</sup>	Mathematical Analysis	2	<b>MATH1061</b> or <b>MATH1081</b>	Discrete Mathematics Advanced Discrete Mathematics	2
		Level 2 Course	Level 2 course from BMath major list	2	<b>CSSE2010</b>	Introduction to Computer Systems	2
	Semester 2	Level 2 Course	Level 2 course from BMath major list	2		Relevant course for Major or No major option	2
		Minor	Course for BMath minor	2		Relevant course for Major or No major option	2
Year 3	Semester 1	Level 2 Course	Level 2 course from BMath major list	2	<b>COMP2048</b>	Theory of Computing	2
		Minor	Course for BMath minor	2		Relevant course for Major or No major option	2
	Semester 2	Level 3 Course	Level 3 course from BMath major list	2	<b>COMP3506</b>	Algorithms & Data Structures	2
		Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
Year 4	Semester 1	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
		Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
	Semester 2	Level 3 Course	Level 3 course from BMath major list	2	<b>DECO3801</b>	Design Computing Studio 3 - Build	2
		Minor	Course for BMath minor	2	Elective	Course from BCompSc course list	2

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### Semester 2 Commencement | Full Time Study Planner

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		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 2	<a href="#">STAT1301</a>	Advanced Analysis of Scientific Data	2	<b>CSSE1001</b>	Introduction to Software Engineering	2
		Program Elective	Course from the BMath course list	2	<b>MATH1061</b>	Discrete Mathematics	2
	Semester 1	<a href="#">MATH1051</a> <sup>1</sup>	Calculus & Linear Algebra I	2	<b>INFS1200</b>	Introduction to Information Systems	2
		Program Elective	Course from the BMath course list	2	COMP1100	Introduction to Software Innovation	2
Year 2	Semester 2	<a href="#">MATH1052</a> <sup>1</sup>	Multivariate Calculus & Ordinary Differential Equations	2	<b>CSSE2010</b>	Introduction to Computer Systems	2
		Program Elective	Course from the BMath course list	2	<b>CSSE2002</b>	Programming in the Large	2
	Semester 1	<a href="#">MATH2400</a> <sup>1</sup>	Mathematical Analysis	2	<b>COMP2048</b>	Theory of Computing	2
		Level 2 Course	Level 2 course from BMath major list	2		Relevant course for Major or No major option	2
Year 3	Semester 2	Level 2 Course	Level 2 course from BMath major list	2	<b>COMP3506</b>	Algorithms & Data Structures	2
		Level 2 Course	Level 2 course from BMath major list	2		Relevant course for Major or No major option	2
	Semester 1	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
		Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
Year 4	Semester 2	Level 3 Course	Level 3 course from BMath major list	2	<b>DECO3801</b>	Design Computing Studio 3 - Build	2
		Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
	Semester 1	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
		Program Elective	Course from the BMath course list	2	Elective	Course from BCompSc course list	2

<sup>1</sup> Students should refer to the BMath course list for advanced course offerings.

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### Semester 2 Commencement | Full Time Study Planner

BACHELOR OF MATHEMATICS (Major + Minor)				BACHELOR OF COMPUTER SCIENCE		
	Course Code	Course Name	Units	Course Code	Course Name	Units
Semester 2	<a href="#">STAT1301</a>	Advanced Analysis of Scientific Data	2	<b>CSSE1001</b>	Introduction to Software Engineering	2
	Minor	Course for BMath minor	2	<b>MATH1061</b>	Discrete Mathematics	2
Semester 1	<a href="#">MATH1051</a> <sup>1</sup>	Calculus & Linear Algebra I	2	<b>INFS1200</b>	Introduction to Information Systems	2
	Minor	Course for BMath minor	2	COMP1100	Introduction to Software Innovation	2
Semester 2	<a href="#">MATH1052</a> <sup>1</sup>	Multivariate Calculus & Ordinary Differential Equations	2	<b>CSSE2010</b>	Introduction to Computer Systems	2
	Minor	Course for BMath minor	2	<b>CSSE2002</b>	Programming in the Large	2
Semester 1	<a href="#">MATH2400</a> <sup>1</sup>	Mathematical Analysis	2	<b>COMP2048</b>	Theory of Computing	2
	Level 2 Course	Level 2 course from BMath major list	2		Relevant course for Major or No major option	2
Semester 2	Level 2 Course	Level 2 course from BMath major list	2	<b>COMP3506</b>	Algorithms & Data Structures	2
	Level 2 Course	Level 2 course from BMath major list	2		Relevant course for Major or No major option	2
Semester 1	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
Semester 2	Level 3 Course	Level 3 course from BMath major list	2	<b>DECO3801</b>	Design Computing Studio 3 - Build	2
	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
Semester 1	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
	Minor	Course for BMath minor	2	Elective	Course from BCompSc course list	2

<sup>1</sup> Students should refer to the BMath course list for advanced course offerings.