Dual Degree Study Planner
Bachelor of Mathematics / Bachelor of Computer Science

THE UNIVERSITY OF QUEENSLAND AUSTRALIA | CREATE CHANGE

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, under 'Program Requirements', and the course lists under 'Component Degrees'.

Program Guidelines

Bachelor of Mathematics component:

- Students without Queensland Senior Maths C 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: http://www.itee.uq.edu.au/academic-advice and https://www.eait.uq.edu.au/dual-program-academic-advice.

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.

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, please contact the relevant Faculty for advice:

Program	Faculty	Contact Information
Bachelor of Mathematics	Faculty of Science	enquire@science.uq.edu.au
Bachelor of Computer Science	Faculty of Engineering, Architecture and Information Technology	enquiries@eait.uq.edu.au

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	MATH1051[1]	Calculus & Linear Algebra I	2	INFS1200	Introduction to Information Systems	2
		Elective	Course from the BMath course list	2	CSSE1001	Introduction to Software Engineering	2
	Semester 2	MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations	2	CSSE2002	Programming in the Large	2
		STAT1301	Advanced Analysis of Scientific Data	2	CSSE2010	Introduction to Computer Systems	2
Year 2	Semester 1	MATH2400[1]	Mathematical Analysis	2	MATH1061	Discrete Mathematics	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		Relevant course for Major or No major option	2
		Elective	Course from the BMath course list	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	COMP2048	Theory of Computing	2
		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	COMP3506	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	DECO3801	Design Computing Studio 3 - Build	2
		Elective	Course from the BMath course list	2	Elective	Course from BCompSc course list	2

[1] 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	MATH1051[1]	Calculus & Linear Algebra I	2	INFS1200	Introduction to Information Systems	2
		Minor	Course for BMath minor	2	CSSE1001	Introduction to Software Engineering	2
	Semester 2	MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations	2	CSSE2002	Programming in the Large	2
		STAT1301	Advanced Analysis of Scientific Data	2	CSSE2010	Introduction to Computer Systems	2
Year 2	Semester 1	MATH2400[1]	Mathematical Analysis	2	MATH1061	Discrete Mathematics	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		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	COMP2048	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	COMP3506	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	DECO3801	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

		BACHELOR OF MATHEMATICS (Major)			BACHELOR OF COMPUTER SCIENCE		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 2	STAT1301	Advanced Analysis of Scientific Data	2	CSSE1001	Introduction to Software Engineering	2
		Elective	Course from the BMath course list	2	MATH1061	Discrete Mathematics	2
Year 2	Semester 1	MATH1051[1]	Calculus & Linear Algebra I	2	INFS1200	Introduction to Information Systems	2
		Elective	Course from the BMath course list	2		Relevant course for Major or No major option	2
	Semester 2	MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations	2	CSSE2010	Introduction to Computer Systems	2
		Elective	Course from the BMath course list	2	CSSE2002	Programming in the Large	2
Year 3	Semester 1	MATH2400[1]	Mathematical Analysis	2	COMP2048	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	COMP3506	Algorithms & Data Structures	2
		Level 2 Course	Level 2 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	DECO3801	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
Year 5	Semester 1	Level 3 Course	Level 3 course from BMath major list	2		Relevant course for Major or No major option	2
		Elective	Course from the BMath course list	2	Elective	Course from BCompSc course list	2

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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
Year 1	Semester 2	STAT1301	Advanced Analysis of Scientific Data	2	CSSE1001	Introduction to Software Engineering	2
		Minor	Course for BMath minor	2	MATH1061	Discrete Mathematics	2
Year 2	Semester 1	MATH1051[1]	Calculus & Linear Algebra I	2	INFS1200	Introduction to Information Systems	2
		Minor	Course for BMath minor	2		Relevant course for Major or No major option	2
	Semester 2	MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations	2	CSSE2010	Introduction to Computer Systems	2
		Minor	Course for BMath minor	2	CSSE2002	Programming in the Large	2
Year 3	Semester 1	MATH2400[1]	Mathematical Analysis	2	COMP2048	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	COMP3506	Algorithms & Data Structures	2
		Level 2 Course	Level 2 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	DECO3801	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
Year 5	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

[1] Students should refer to the BMath course list for advanced course offerings.