2024 Dual Degree Study Planner
Bachelor of Mathematics /
Bachelor of Science

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 (or equivalent) should complete MATH1050 before MATH1051.

- Students must complete at least one major.

Bachelor of Science component:

- Students must complete at least one major or extended major.

- Students must complete at least 10 units of courses at level 3 or higher.

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.

For courses selected from the BSc course list, this does not include courses in the UQ minors 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 BSc component and BMath component of your dual program, each:

- major must include 8 units of courses level 3 or higher,

- BSc extended major must contain 12 units of courses at 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.

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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 Science		

Study Planners

1. Semester 1 Commencement | Full Time Study Planner – BSc single major
2. Semester 1 Commencement | Full Time Study Planner – BSc extended major
3. Semester 1 Commencement | Full Time Study Planner – BSc single major + minor
4. Semester 2 Commencement | Full Time Study Planner

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Semester 1 Commencement | Full Time Study Planner

		BACHELOR OF MATHEMATICS			BACHELOR OF SCIENCE (Single Major)		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 1	MATH1051[1]	Calculus & Linear Algebra I	2	SCIE1000	Theory & Practice in Science	2
		MATH1061	Discrete Mathematics	2	Level 1 Course[3]	Level 1 prerequisite/compulsory course for BSc major	2
	Semester 2	MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations	2	Level 1 Course[3]	Level 1 prerequisite/compulsory course for BSc major	2
		STAT1301[2]	Advanced Analysis of Scientific Data	2	Level 1 Course[3]	Level 1 prerequisite/compulsory course for BSc major	2
Year 2	Semester 1	MATH2400[1]	Mathematical Analysis	2	Program Elective Course	Any level course from BSc course list	2
		Level 2 Course	Level 2 course from BMath major list	2	Level 2 Course	Level 2 course from BSc major list	2
	Semester 2	MATH2504	Programming of Simulation, Analysis, & Learning Systems	2	Level 2 Course	Level 2 course from BSc major list	2
		Level 2 Course	Level 2 course from BMath major list	2	Program Elective Course	Any level course from BSc course list	2
Year 3	Semester 1	Level 2 Course	Level 2 course from BMath major list	2	Level 2 Course	Level 2 course from BSc major list	2
		Program Elective Course	Course from the BMath course list	2	Program Elective Course	Any level course from BSc course list	2
	Semester 2	Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from BSc major list	2
		Level 3 Course	Level 3 course from BMath major list	2	Level 3 Elective	Level 3 course from BSc course list	2
Year 4	Semester 1	Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from BSc major list	2
		Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from BSc major list	2
	Semester 2	Level 3 Course	Level 3 course from BMath major list	2	Program Elective Course	Any level course from BSc course list	2
		Program Elective Course	Course from the BMath course list	2	Level 3 Course	Level 3 course from BSc major list	2

[1] Students should refer to the BMath course list for advanced course offerings.
[2] Students are required to complete STAT1301 for the BMath component and may not enrol in and must not be granted credit for completing STAT1201.
[3] If chosen BSc major only requires 2 units of prerequisites, complete a course at any level from the BSc course list.

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THE UNIVERSITY OF QUEENSLAND AUSTRALIA | CREATE CHANGE

Semester 1 Commencement | Full Time Study Planner

		BACHELOR OF MATHEMATICS			BACHELOR OF SCIENCE (Extended Major)		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 1	MATH1051[1]	Calculus & Linear Algebra I	2	SCIE1000	Theory & Practice in Science	2
		MATH1061	Discrete Mathematics	2	Level 1 Course[3]	Level 1 prerequisite/compulsory course for BSc extended major	2
	Semester 2	MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations	2	Level 1 Course[3]	Level 1 prerequisite/compulsory course for BSc extended major	2
		STAT1301[2]	Advanced Analysis of Scientific Data	2	Level 1 Course[3]	Level 1 prerequisite/compulsory course for BSc extended major	2
Year 2	Semester 1	MATH2400[1]	Mathematical Analysis	2	Program Elective Course	Any Level course from BSc course list	2
		Level 2 Course	Level 2 course from BMath major list	2	Level 2 Course	Level 2 course from extended major list	2
	Semester 2	MATH2504	Programming of Simulation, Analysis, & Learning Systems	2	Level 2 Course	Level 2 course from extended major list	2
		Level 2 Course	Level 2 course from BMath major list	2	Level 2 Course	Level 2 course from extended major list	2
Year 3	Semester 1	Level 2 Course	Level 2 course from BMath major list	2	Level 2 Course	Level 2 course from extended major list	2
		Program Elective Course	Course from the BMath course list	2	Level 2 Course	Level 2 course from extended major list	2
	Semester 2	Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from extended major list	2
		Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from extended major list	2
Year 4	Semester 1	Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from extended major list	2
		Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from extended major list	2
	Semester 2	Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from extended major list	2
		Program Elective Course	Course from the BMath course list	2	Level 3 Course	Level 3 course from extended major list	2

[1] Students should refer to the BMath course list for advanced course offerings.
[2] Students are required to complete STAT1301 for the BMath component and may not enrol in, and must not be granted credit for completing STAT1201.
[3] If chosen BSc extended major only requires 2 units of prerequisites, complete a course at any level from the BSc course list.

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THE UNIVERSITY OF QUEENSLAND AUSTRALIA | CREATE CHANGE

Semester 1 Commencement | Full Time Study Planner

		BACHELOR OF MATHEMATICS			BACHELOR OF SCIENCE (Single Major + Minor)		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1 Semester 1		MATH1051[1]	Calculus & Linear Algebra I	2	SCIE1000	Theory & Practice in Science	2
		MATH1061	Discrete Mathematics	2	Level 1 Course[3]	Level 1 prerequisite/compulsory for BSc major	2
Year 1 Semester 2		MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations	2	Level 1 Course[3]	Level 1 prerequisite/compulsory for BSc major	2
		STAT1301[2]	Advanced Analysis of Scientific Data	2	Level 1 Course[3]	Level 1 prerequisite/compulsory for BSc major	2
Year 2 Semester 1		MATH2400[1]	Mathematical Analysis	2	Minor	Course from BSc minor list	2
		Level 2 Course	Level 2 course from major list	2	Level 2 Course	Level 2 course from BSc major list	2
Year 2 Semester 2		MATH2504	Programming of Simulation, Analysis, & Learning Systems	2	Level 2 Course	Level 2 course from BSc major list	2
		Level 2 Course	Level 2 course from BMath major list	2	Minor	Course from BSc minor list	2
Year 3 Semester 1		Level 2 Course	Level 2 course from BMath major list	2	Level 2 Course	Level 2 course from BSc major list	2
		Program Elective Course	Course from the BMath course list	2	Minor	Course from BSc minor list	2
Year 3 Semester 2		Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from BSc major list	2
		Level 3 Course	Level 3 course from BMath major list	2	Minor Level 3 Course[4]	Level 3 course from minor list	2
Year 4 Semester 1		Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from BSc major list	2
		Level 3 Course	Level 3 course from BMath major list	2	Level 3 Course	Level 3 course from BSc major list	2
Year 4 Semester 2		Level 3 Course	Level 3 course from BMath major list	2	Program Elective Course	Any Level course from BSc course list	2
		Program Elective Course	Course from the BMath course list	2	Level 3 Course	Level 3 course from BSc major list	2

[1] Students should refer to the BMath course list for advanced course offerings.
[2] Students are required to complete STAT1301 for the BMath component and may not enrol in, and must not be granted credit for completing STAT1201.
[3] If chosen BSc major only requires 2 units of prerequisites, complete a course for minor or any level course from BSc course list.
[4] If already completed requirements for minor, must complete a Level 3 course from BSc course list.

2024 Dual Degree Study Planner
Bachelor of Mathematics / Bachelor of Science

THE UNIVERSITY OF QUEENSLAND AUSTRALIA | CREATE CHANGE

Semester 2 Commencement | Full Time Study Planner

		BACHELOR OF MATHEMATICS			BACHELOR OF SCIENCE		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 2	STAT1301[2]	Advanced Analysis of Scientific Data	2	For the BSc component (all 3 options), students can follow the Semester 1 commencement planners. SCIE1000 is offered in Semester 1 and 2.		
		MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations	2			
Year 2	Semester 1	MATH1051[1]	Calculus & Linear Algebra I	2			
		MATH1061	Discrete Mathematics	2			
	Semester 2	MATH2504	Programming of Simulation, Analysis, & Learning Systems	2			
		Level 2 Course	Level 2 course from BMath major list	2			
Year 3	Semester 1	MATH2400[1]	Mathematical Analysis	2			
		Level 2 Course	Level 2 course from BMath major list	2			
	Semester 2	Level 2 Course	Level 2 course from BMath major list	2			
		Program Elective Course	Course from the BMath course list	2			
Year 4	Semester 1	Level 3 Course	Level 3 course from BMath major list	2			
		Level 3 Course	Level 3 course from BMath major list	2			
	Semester 2	Level 3 Course	Level 3 course from BMath major list	2			
		Level 3 Course	Level 3 course from BMath major list	2			
Year 5	Semester 1	Level 3 Course	Level 3 course from BMath major list	2			
		Program Elective Course	Course from the BMath course list	2			

[1] Students should refer to the BMath course list for advanced course offerings.
[2] Students are required to complete STAT1301 for the BMath component and may not enrol in, and must not be granted credit for completing STAT1201.