2024 Dual Program Study Planner
Bachelor of Mathematics /
Bachelor of Education (Secondary)

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.

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

Program Guidelines

Bachelor of Mathematics (BMath) component:

- 32 units from the BMath list – including at least one major.
  - Students without Queensland specialist mathematics should complete MATH1050 before MATH1051.

Bachelor of Education (Secondary) (BEd(Sec)) component:

- Complete 32 units comprising —
  - 16 units for all BEd(Sec) Core Courses
  - 8 units for all BEd(Sec) Professional Year Core Courses
  - 8 units from BEd(Sec) Professional Year Curriculum Studies Courses
- Students must commence the 4th year professional placement in Semester 1

Please note that you can only commence the BEd (Sec) Professional Year Core Courses and Professional Year Curriculum Studies Courses in Semester 1 of each year, once you have completed all 32 units for the BMath component and 16 units for all BEd(Sec) Core Courses.

Exiting Early

Students exiting early with the Bachelor of Mathematics component of the dual degree must complete the single degree requirements of that component. Please note that the Bachelor of Education (Secondary) can only be completed as a component of a dual program.

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 Education (Secondary)	Faculty of Humanities, Arts and Social Sciences	hass@uq.edu.au

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

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<tr><th colspan="2"></th><th>Course Code</th><th>Course Name</th><th>Units</th><th>Course Code</th><th>Course Name</th><th>Units</th></tr>
<tr><td rowspan="6">Year 1</td><td rowspan="3">Semester 1</td><td>MATH1051[1]</td><td>Calculus & Linear Algebra I</td><td>2</td><td rowspan="3">EDUC1710</td><td rowspan="3">A Sociological Orientation to Education</td><td rowspan="3">2</td></tr>
<tr><td>MATH1061</td><td>Discrete Mathematics</td><td>2</td></tr>
<tr><td>MATH1052[1]</td><td>Multivariate Calculus & Ordinary Differential Equations

([2]course can be moved to semester 2)</td><td>2</td></tr>
<tr><td rowspan="3">Semester 2</td><td>STAT1301</td><td>Advanced Analysis of Scientific Data</td><td>2</td><td rowspan="3">EDUC1650</td><td rowspan="3">Learning and Development for Educators*</td><td rowspan="3">2</td></tr>
<tr><td>Level 2 Course</td><td>Level 2 course from BMath major list</td><td>2</td></tr>
<tr><td>Program Elective</td><td>Course from the BMath course list</td><td>2</td></tr>
<tr><td rowspan="5">Year 2</td><td rowspan="3">Semester 1</td><td>MATH2400[1]</td><td>Mathematical Analysis</td><td>2</td><td rowspan="3">EDUC2601</td><td rowspan="3">Literacies within and across the Curriculum**</td><td rowspan="3">2</td></tr>
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<tr><td rowspan="2">Semester 2</td><td>MATH2504</td><td>Programming of Simulation, Analysis, & Learning Systems</td><td>2</td><td>EDUC2604</td><td>Teachers as Educational Innovators and Agents of Change</td><td>2</td></tr>
<tr><td>Level 2 Course</td><td>Level 2 course from BMath major list</td><td>2</td><td>EDUC2090</td><td>Indigenous Knowledge and Education</td><td>2</td></tr>
<tr><td rowspan="5">Year 3</td><td rowspan="3">Semester 1</td><td>Level 3 Course</td><td>Level 3 course from BMath major list</td><td>2</td><td rowspan="3">EDUC3602</td><td rowspan="3">Numeracy across the Curriculum</td><td rowspan="3">2</td></tr>
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<tr><td>Level 3 Course</td><td>Level 3 course from BMath major list</td><td>2</td><td>EDUC3606</td><td>Building Inclusive Secondary Classrooms</td><td>2</td></tr>
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BACHELOR OF MATHEMATICS			BACHELOR OF EDUCATION (SECONDARY)		
Course Code	**Course Name**	**Units**	**Course Code**	**Course Name**	**Units**
			EDUC4615	Developing Professional Practice****	2
			EDUC4620	Teachers as Researchers	2
			EDUC4644	Mathematics: Curriculum Studies (year-long course)	-
			EDUC4652	Advanced Mathematics: Curriculum Studies (year-long course)	-
			EDUC4607	Assessment for Teaching and Learning	2
			EDUC4625	Achieving Professional Engagement****	2
			EDUC4644	Mathematics: Curriculum Studies continued (year-long course)	4
			EDUC4652	Advanced Mathematics: Curriculum Studies continued (year-long course)	4

Year 4 — Semester 1 / Semester 2

[1] Students should refer to the BMath course list for advanced course offerings.
[2] MATH1052 assumes knowledge of MATH1051/1071. It is highly recommended that you have studied MATH1051/1071. However, it is possible to take MATH1051 and MATH1052 in the same semester. In this case, you should have achieved HA in Qld School Mathematics C (or its equivalent),or obtained a credit or better in MATH1050.

* This course **EDUC1650** includes 5 single days of professional experience
** This course **EDUC2601** includes 10 single days of professional experience held during the semester.
*** This course **EDUC3605** includes 5 single days of professional experience held during the semester and 10 days (2 week block) of professional experience following the conclusion of exam period
**** Both courses **EDUC4615** and **EDUC4625** includes a 30 days (6 week block) of professional experience
Please refer to the School of Education website for the Professional Experience calendar https://education.uq.edu.au/current-students/professional-experience

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Semester 2 Commencement | Full Time Study Planner

		BACHELOR OF MATHEMATICS			BACHELOR OF EDUCATION (SECONDARY)		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 2	MATH1051[1]	Calculus & Linear Algebra I	2	EDUC1650	Learning and Development for Educators*	2
		MATH1061	Discrete Mathematics	2			
		MATH1052[1]	Multivariate Calculus & Ordinary Differential Equations (²course can be moved to semester 2)	2			
Year 2	Semester 1	STAT1301	Advanced Analysis of Scientific Data	2	EDUC1710	A Sociological Orientation to Education	2
		Level 2 Course	Level 2 course from BMath major list	2	EDUC2601	Literacies within and across the Curriculum**	2
	Semester 2	MATH2400[1]	Mathematical Analysis	2	EDUC2604	Teachers as Educational Innovators and Agents of Change	2
		Level 2 Course	Level 2 course from BMath major list	2	EDUC2090	Indigenous Knowledge and Education	2
Year 3	Semester 1	MATH2504	Programming of Simulation, Analysis, & Learning Systems	2	EDUC3602	Numeracy across the Curriculum	2
		Program Elective	Course from the BMath course list	2			
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	Semester 2	Level 2 Course	Level 2 course from BMath major list	2	EDUC3606	Building Inclusive Secondary Classrooms	2
		Level 3 Course	Level 3 course from BMath 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 BMath major list	2			
	Semester 2	Level 3 Course	Level 3 course from BMath major list	2	EDUC3605	Building Professional Knowledge***	2
		Level 3 Course	Level 3 course from BMath major list	2			

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Year 5	Semester 1		EDUC4615	Developing Professional Practice****	2
			EDUC4620	Teachers as Researchers	2
			EDUC4644	Mathematics: Curriculum Courses (year-long course)	-
			EDUC4652	Advanced Mathematics: Curriculum Studies (year-long course)	-
	Semester 2		EDUC4607	Assessment for Learning and Teaching	2
			EDUC4625	Achieving Professional Engagement****	2
			EDUC4644	Mathematics: Curriculum Studies continued (year-long course)	4
			EDUC4652	Advanced Mathematics: Curriculum Studies continued (year-long course)	4

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