Bachelor of Mathematics/Bachelor of Education (Secondary) 2016 Dual Program

Please ensure that you read and understand the following important information about your dual program.

The Bachelor of Mathematics / Bachelor of Education (Secondary) program is a four year pre-service teacher qualification that develops specialist teachers across the year levels 7 – 12 (secondary schooling phase).

It is your responsibility to ensure you complete all the requirements for each section 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. Further information can be found in the Official Rules and Course lists under the **Program Rules and Requirements** link for each program in the Courses and Programs website: http://www.uq.edu.au/study/

You are not required to submit this program plan for approval. However, if you have any concerns about meeting degree requirements, especially in the year prior to your Professional Year, please contact the relevant Faculty for advice. For advice on the BMath component of your degree, including advice on majors and courses, please contact the Faculty of Science. For advice on the BEd(Sec) component of your degree, including information on teaching area requirements, please contact the Faculty of Humanities and Social Sciences or the School of Education.

PROGRAM GUIDELINES

The Bachelor of Mathematics/ Bachelor of Education (Secondary) dual program consists of the Bachelor of Mathematics which provides the content knowledge for a Mathematics teaching area and the Bachelor of Education (Secondary) which provides the skills, knowledge and practical experience required for teacher registration and employment.

Please note: if you are admitted into this dual program mid-year or obtain credit from previous studies you will need to ensure you structure your program so that you are able to enter the final year of Bachelor of Education component in semester 1 – the final year of the BEd program is a year-long professional year commencing in semester 1 only.

Bachelor of Mathematics component requirements:

#32 units towards the BMath component comprising:

- #14 from Part A; and
- #16 from Part B; and
- #2 from Part B or C, or any other program list.

Students must gain #8 for late year courses from Part A or Part B of the BMath course list or a combination of both. A 'Late year' course means a course that is Level 3 or higher.

- Students must complete the requirements of the BMath and all courses in Part A of the BEd(Sec) before commencing the Professional (final) Year of the BEd (Sec).

- Please contact the Faculty of Science on (07) 3365 1888 or science.enquiries@uq.edu.au for more information.

- NB: Students without Queensland Secondary Maths C or equivalent should discuss their BMath enrolment plan with an academic adviser from the Faculty of Science.

Bachelor of Education (Secondary) component requirements:

- #16 from Part A; and
- #16 from Part B.

- Part A teaches issues pertinent to teaching and schooling and is completed in conjunction with the requirements of the BMath degree. The BEd(Sec) Professional Year (Part B) develops professional expertise required for teaching and can only be commenced when the BMath and BEd(Sec) Part A requirements have been met.

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.

Bachelor of Mathematics / Bachelor of Education (Secondary)
2016 Dual Degree Program Planner

Students with Senior Maths C

BACHELOR OF MATHEMATICS	Total Units #	BACHELOR OF EDUCATION (SECONDARY)	Total Units #
YEAR ONE		**YEAR ONE**	
Semester 1		**Semester 1**	
MATH1051 Calculus & Linear Algebra*	2	EDUC1049 Learning Tools for the 21st Century	2
MATH1061 Discrete Mathematics	2		
Level 1 Elective course from any other program list	2		
Semester 2		**Semester 2**	
MATH1052 Multivariate Calculus & Ordinary Differential Equations	2	EDUC1029 Introduction to Education	2
STAT1301 Advanced Analysis of Scientific Data	2		
Level 2 course from major list	2		
Summer Semester			
YEAR TWO		**YEAR TWO**	
Semester 1		**Semester 1**	
MATH2001 Advanced Calculus and Linear Algebra	2	EDUC2716 Learning, Mind and Education	2
MATH2400 Mathematical Analysis	2	EDUC3701 Diversity and Inclusive Education	2
Semester 2		**Semester 2**	
Level 2 course from major list	2	EDUC2049 Identity, Youth Cultures and Education	2
Level 2 course from major list	2	EDUC2090 Indigenous Knowledge and Education	2
Summer Semester			
YEAR THREE		**YEAR THREE**	
Semester 1		**Semester 1**	
MATH3401 Complex Analysis	2	EDUC3079 Becoming a Professional Educator	2
Level 3 course from major list	2		
Level 3 course from major list	2		
Semester 2		**Semester 2**	
Level 3 course from major list	2	EDUC3099 Towards Professional Practice	2
Level 3 course from major list	2		
Level 3 course from major list	2		
Summer Semester			
		PROFESSIONAL YEAR	
Semester 1		**Semester 1**	
		EDUC4710 Introduction to Professional Practice	2
		EDUC4700 Teachers as Researchers	1
		EDUC6725 Mathematics : Curriculum Foundations	1
		EDUC6840 Mathematics: Specialist Teaching Area	1
		EDUC6XXX Elective	1
		EDUC6XXX Elective	1
		EDUC6XXX Elective	1
Semester 2		**Semester 2**	
		EDUC4715 Professional Practice	2
		EDUC4700 Teachers as Researchers	1
		EDUC6725 Mathematics : Curriculum Foundations	1
		EDUC6840 Mathematics: Specialist Teaching Area	1
		EDUC6XXX Elective	1
		EDUC6XXX Elective	1
		EDUC6XXX Elective	1
Total (Refer to BMath course list and rules for details on major)	**#32**		**#32**

Students without Queensland Senior Mathematics C should complete MATH1050 before MATH1051.