

# Bachelor of Mathematics/Bachelor of Arts 2019 Dual Program Structure

**It is important that you read and understand the following information about your dual program.**

It is your responsibility to ensure that 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 Programs and Courses website: <https://my.uq.edu.au/programs-courses/>

You are not required to submit this program plan for approval. However, if you have any questions or concerns about meeting program requirements, especially when you are nearing the end of your program, please contact the relevant Faculty for advice. For advice on the BMath component of your degree please contact the Faculty of Science. For advice on the BA component of your degree please contact the Faculty of Humanities and Social Sciences.

## PROGRAM GUIDELINES

You must complete a total of 64 units for both degrees.

### ***Bachelor of Mathematics Requirements:***

32 units towards the BMath component, comprising:

- 14 units from Part A of the BMath course list; and
  - 14 units from Part B or Part C of the BMath course list or a combination of both; and
  - 4 units from the BMath course list, or Part A or Part B of the BSc course list, or courses approved by the Associate Dean (Academic).
- Students may complete a major in an area defined in Part B by completing an approved combination of 16 units.
  - Students must complete a minimum of 8 units late year courses from Part A or B and no more than 24 of Level 1 courses can be included in the program.
  - Recommended study plans for each major can be found at: <http://planner.science.uq.edu.au/content/bachelor-of-mathematics>
  - Please contact the Faculty of Science on (07) 3365 1888 for more information.

Note: A 'Late year' course means a course that is Level 3 or higher.

### ***Bachelor of Arts Requirements:***

32 units from Part A and/or Part B of the BA List including either:

- Two majors of 16 units each; or
- One extended major of 24 units (28 units Psychology) plus balance in BA List electives; or
- One major of 16 units and two minors of 8 units each (a minor consists of 8 units in total, chosen from one major list, with a maximum of 4 units at introductory level and must include the one gateway course(s) and one cornerstone course(s)).

BA section – two majors	units	OR	BA section – extended major	units	OR	BA section – one major, two minors	units
Major one	16		Extended Major	24		Major	16
Major two	16		Electives	8		Minor one	8
			Psychology	28		Minor two	8
			Electives	4			
<b>Total</b>	<b>32</b>		<b>Total</b>	<b>32</b>		<b>Total</b>	<b>32</b>

Please note students may not undertake the Mathematics major or minor in the BA part of the dual program.

## Bachelor of Mathematics/Bachelor of Arts 2019 Dual Degree Program Planner

BACHELOR OF MATHEMATICS		BACHELOR OF ARTS		
	Total Units	Option 1: Major 1 Option 2: Extended Major Option 3: Major 1	Option 1: Major 2 Option 2: BA List Electives Option 3: Minor 1 & Minor 2	Total Units
<b>YEAR ONE</b>		<b>YEAR ONE</b>		
<b>Semester 1</b>		<b>Semester 1</b>		
MATH1051 Calculus & Linear Algebra* +	2			2
MATH1061 Discrete Mathematics	2			2
<b>Semester 2</b>		<b>Semester 2</b>		
MATH1052 Multivariate Calculus & Ordinary Differential Equations ++	2			2
STAT1301 Advanced Analysis of Scientific Data	2			2
<i>Summer Semester</i>		<i>Summer Semester</i>		
<b>YEAR TWO</b>		<b>YEAR TWO</b>		
<b>Semester 1</b>		<b>Semester 1</b>		
MATH2001 Advanced Calculus and Linear Algebra	2			2
MATH2400 Mathematical Analysis +++	2			2
<b>Semester 2</b>		<b>Semester 2</b>		
Level 2 course from BMath Part B or C course list	2			2
Level 2 course from BMath Part B or C course list	2			2
<i>Summer Semester</i>		<i>Summer Semester</i>		
<b>YEAR THREE</b>		<b>YEAR THREE</b>		
<b>Semester 1</b>		<b>Semester 1</b>		
Level 2 course from BMath Part B or C course list	2			2
Level 2 course from BMath Part B or C course list	2			2
<b>Semester 2</b>		<b>Semester 2</b>		
Level 3 course from BMath Part B or C course list	2			2
Level 3 course from BMath Part B or C course list	2			2
<i>Summer Semester</i>		<i>Summer Semester</i>		
<b>YEAR FOUR</b>		<b>YEAR FOUR</b>		
<b>Semester 1</b>		<b>Semester 1</b>		
MATH3401 Complex Analysis	2			2
Level 3 course from BMath Part B or C course list	2			2
<b>Semester 2</b>		<b>Semester 2</b>		
Two courses from the BMath Part B or C course list	2			2
	2			2
<i>Summer Semester</i>		<i>Summer Semester</i>		
<b>Total (Refer to BMath course list and rules for details on major). Ensure minimum of 8 units late year.</b>	<b>32</b>	<b>Total</b>		<b>32</b>

*\*Students without Queensland Senior Maths C should complete MATH1050 before MATH1051*

+ Level 1 Advanced course **MATH1071** Advanced Calculus & Linear Algebra also available

++ Level 1 Advanced course **MATH1072** Advanced Multivariate Calculus & Ordinary Differential Equations also available

+++ Level 2 Advanced course **MATH2401** Mathematical Analysis and Advanced Topics also available.

*Please Note: Summer Semester is optional.*

*Last updated: 5/10/2018*