Bachelor of Mathematics/Bachelor of Information Technology
2018 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 may need to amend this plan depending on your choice of major. 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 BInfTech component of your degree please contact the Faculty of Engineering, Architecture and Information Technology.
Please note: 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.

PROGRAM GUIDELINES

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

Bachelor of Mathematics component requirements:

#32 towards the BMath component, comprising:

- #14 from Part A of the BMath course list; and
- #14 from Part B or Part C of the BMath course list, or a combination of both; and
- #4 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 late year courses 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 at Level 3 or higher.

Bachelor of Information Technology component requirements:

- ❖ 32 units from the BInfTech list, in accordance with the BInfTech program requirements for no major or a single major.
    - (i)   12 units from part A1, excluding MATH1061;
    - (ii)   4 units from part A2;
    - (iii)   2 units from part B or part B of the BInfTech list; and
    Either:
    (a) 14 units for a BInfTech major; or
    (b) 14 units comprising:
        (i) 6 units from part B, with at least #2 from part B1 and
        (ii) 8 units from part C.
- ❖ BInfTech/BSc students should discuss their enrolment plan with an academic adviser.

Bachelor of Mathematics/Bachelor of Information Technology
2018 Dual Degree Program Planner

BACHELOR OF MATHEMATICS		BACHELOR OF INFORMATION TECHNOLOGY	
Please consult your academic adviser for course selection	**Total Units #**	**Please consult your academic adviser for course selection**	**Total Units #**
YEAR ONE		**YEAR ONE**	
Semester 1		**Semester 1**	
MATH1051 Calculus & Linear Algebra* +	2	DECO1100 Design Thinking	2
MATH1061 Discrete Mathematics	2	DECO1400 Introduction to Web Design	2
Semester 2		**Semester 2**	
MATH1052 Multivariate Calculus & Ordinary Differential Equations ++	2	CSSE1001 Introduction to Software Engineering	2
STAT1301 Advanced Analysis of Scientific Data	2	DECO1800 Design Computing Studio 1	2
YEAR TWO		**YEAR TWO**	
Semester 1		**Semester 1**	
MATH2001 Advanced Calculus and Linear Algebra	2		2
MATH2400 Mathematical Analysis +++	2		2
Semester 2		**Semester 2**	
Level 2 course from major list	2		2
Level 2 course from major list	2		2
YEAR THREE		**YEAR THREE**	
Semester 1		**Semester 1**	
Level 2 course from major list	2		2
Level 2 course from major list	2		2
Semester 2		**Semester 2**	
Level 3 course from major list	2		2
Level 3 course from major list	2		2
YEAR FOUR		**YEAR FOUR**	
Semester 1		**Semester 1**	
MATH3401 Complex Analysis	2		2
Level 3 course from major list	2		2
Semester 2		**Semester 2**	
Level 3 course from major list	2		2
Level 3 course from major list	2		2
Total (Refer to BMath course list and rules for details on major)	**#32**	**Total**	**#32**

Please Note: Summer Semester is optional.

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*

The list of academic advisers is available at - http://www.itee.uq.edu.au/academic-advice