

2021 Study Plan Template

Bachelor of Mathematical Sciences

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 108 units of study according to the official course rule available at <https://students.flinders.edu.au/my-course/course-rules/undergrad/bmsc>

Students are responsible for planning their Core, Option and Elective Topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at [Topics 2021](#)

Semester 1, 2021 start:

Year 1	S1	MATH1121 Mathematics 1A	STAT1121 Data Science	One of: COMP1102 OR ENGR1721	Elective Topic
	S2	MATH1122 Mathematics 1B	STAT1132 Statistics 1	ENGR1401 Professional Skills	Elective Topic
Year 2	S1	MATH2702 Linear Algebra and Differential Equations	MATH2711 Several Variable Calculus	COMP2781 Computer Mathematics	STAT2701 Statistical Project
	S2	MATH2701 Principles of Analysis	MATH2722 Numerical Analysis	STAT2702 Probability	Elective Topic
Year 3	S1	MATH3702 Methods of Applied Mathematics	MATH3731 Algebra	STAT3701 Statistical Science	Elective Topic #
	S2	MATH3711 Complex Analysis	MATH3712 Partial Differential Equations	STAT3702 Stochastic Processes	Elective Topic #

Semester 2, 2021 start:

Year 1	S2	MATH1121 Mathematics 1A	ENGR1401 Professional Skills	Elective Topic	Elective Topic
	S1	MATH1122 Mathematics 1B	STAT1121 Data Science	One of: COMP1102 OR ENGR1721	Elective Topic
Year 2	S2	MATH2701 Principles of Analysis	MATH2722 Numerical Analysis	STAT2702 Probability	STAT1132 Statistics 1
	S1	MATH2702 Linear Algebra and Differential Equations	MATH2711 Several Variable Calculus	COMP2781 Computer Mathematics	STAT2701 Statistical Project
Year 3	S2	MATH3711 Complex Analysis	MATH3712 Partial Differential Equations	STAT3702 Stochastic Processes	Elective Topic #
	S1	MATH3702 Methods of Applied Mathematics	MATH3731 Algebra	STAT3701 Statistical Science	Elective Topic #

Key:	
Core Topic	Compulsory topic
Option Topic	A choice from a list of specified topics (see study plan)
Elective Topic	Select topics from across the University

#Eligible students may select this work experience topic in place of electives, with the approval of the Director of Studies (Mathematics and Statistics).

MATH3721 Mathematical Sciences Practicum (9 units)

Plus prerequisite topic ENGR3750 - Workplace Preparation (0 Units) NS1