

MATHEMATICS – JOINT HONOURS (ARTS) – BACHELOR OF ARTS (HONOURS)

MATH[----]-A or [----]MATH-A (where [----] is a second subject of study)

Subject: Administered by the Department of Mathematics and Statistics.

Plan: Consists of 42.00 units as described below.

Program: The Plan, in combination with a Joint Honours Plan in another subject, and with sufficient electives to total 120.00 units (*114.00 units for students admitted prior to September 2017*), will lead to a Bachelor of Arts (Honours) Degree.¹

Code	Title	Units
1. Core		
A. Complete 6.00 units from the following:		6.00
MATH 110	Linear Algebra	
MATH 111	Linear Algebra	
B. Complete 6.00 units from the following:		6.00
MATH 120	Differential and Integral Calculus	
MATH 121	Differential and Integral Calculus	
MATH 123	Differential and Integral Calculus I & MATH 124 and Differential and Integral Calculus II	
C. Complete 3.00 units from the following:		3.00
MATH 221	Vector Calculus	
MATH 280	Advanced Calculus	
D. Complete 6.00 units from the following:		6.00
STAT 252	Introductory Applied Probability	
	or STAT 263 Statistics and Probability I	
	or STAT 35 Probability I	
and		
STAT 263	Introduction to Statistics	
	or STAT 263 Statistics and Probability II	
E. Complete 3.00 units from the following:		3.00
MATH 225	Ordinary Differential Equations	
MATH 231	Differential Equations	
2. Option		
A. Complete 12.00 units from the following:		12.00
BIOM at the 300-level or above		
MATH at the 300-level or above		
STAT at the 300-level or above		
B. Complete 6.00 units from the following:		6.00
MATH 211	Algebraic Methods	
or		
MATH 210 and 3.00 units from BIOM; MATH; STAT at the 200-level or above		

Electives

Elective Courses ¹	78.00
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Total Units	120.00
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3. Notes

A. A maximum of 6.00 units from courses offered by other Faculties and Schools may be counted toward the program and/or Plan requirements. This includes courses in BMED, COMM, GLPH, HSCI, LAW, NURS, and courses in the Faculty of Engineering and Applied Science.