2022 Study Plan – Semester 1 Start

Bachelor of Mathematical Sciences (Honours)

	Course	Units	Status
Year 1			
S1	MATHS 4005A Honours Project in Mathematical Sciences A	0	
S1	Group A Elective	3	
S1	Group A Elective	3	
S1	Group A or B Elective	3	
S2	MATHS 4005B Honours Project in Mathematical Sciences B	0	
S2	MATHS 4005C Honours Project in Mathematical Sciences C	9	
S2	Group A Elective	3	
S2	Group A, B or C Elective	3	

Core Course		Elective Course (see next page)	
CM = Completed	**CR** = Credit Awarded	**EN** = Currently Enrolled	**ENROL** = Add to Enrolments

Electives

- Please note that the ordering of electives is an example only, students are free to change the ordering of electives between the two semesters.

Major

In order to acquire a major in Applied Mathematics, Pure Mathematics or Statistics students must complete 9 units of electives in the discipline including 6 units from Group A.

Links and Further Information

- **Course Planner** Information about University courses, including availability, class times, restrictions and prerequisites.
- **University Calendar** All academic program rules.
- **Contact Ask ECMS:** askecms@adelaide.edu.au • +61 8 8313 4148 • www.ecms.adelaide.edu.au

Bachelor of Mathematical Sciences (Honours)

Mathematical Sciences Elective Tables

	Course	Units	Status
Group A Elective Table			
S1	APP MTH 4046 Applied Mathematics Topic A - Honours	3	
S1	APP MTH 4047 Applied Mathematics Topic B - Honours	3	
S1	APP MTH 4048 Applied Mathematics Topic C - Honours	3	
S1	PURE MTH 4012 Pure Mathematics Topic B - Honours	3	
S1	PURE MTH 4038 Pure Mathematics Topic A - Honours	3	
S1	STATS 4013 Statistics Topic A - Honours	3	
S2	APP MTH 4049 Applied Mathematics Topic D - Honours	3	
S2	APP MTH 4051 Applied Mathematics Topic E - Honours	3	
S2	APP MTH 4052 Applied Mathematics Topic F - Honours	3	
S2	PURE MTH 4013 Pure Mathematics Topic D - Honours	3	
S2	PURE MTH 4066 Pure Mathematics Topic E - Honours	3	
S2	STATS 4008 Statistics Topic D - Honours	3	
Group B Elective Table			
S1	APP MTH 4101 Applied Probability - Honours	3	
S1	APP MTH 4102 Fluid Mechanics - Honours	3	
S1	APP MTH 4114 Optimisation - Honours	3	
S1	APP MTH 4121 Modelling with Ordinary Differential Equations Hon	3	
S1	PURE MTH 4102 Topology and Analysis - Honours	3	
S1	PURE MTH 4107 Groups and Rings - Honours	3	
S1	PURE MTH 4119 Complex Analysis - Honours	3	
S1	STATS 4101 Statistical Modelling - Honours	3	
S1	STATS 4106 Mathematical Statistics - Honours	3	
S2	APP MTH 4116 Random Processes - Honours	3	
S2	APP MTH 4123 Partial Differential Equations and Waves - Honours	3	
S2	APP MTH 4124 Decision Science - Honours	3	
S2	MATHS 4026 Cryptography Honours	3	
S2	MATHS 4112 Financial Modelling: Tools & Techniques - Honours	3	
S2	PURE MTH 4109 Integration and Analysis - Honours	3	
S2	STATS 4022 Data Science - Honours	3	
S2	STATS 4023 Computational Bayesian Statistics III - Honours	3	
Group C Elective Table			
S1 S2	APP MTH 4110EX AMSI - Applied Mathematics Topic A - Honours	3	
S1 S2	APP MTH 4111EX AMSI - Applied Mathematics Topic B - Honours	3	
S1 S2	PURE MTH 4110EX AMSI Pure Mathematics Topic A - Honours	3	
S1 S2	PURE MTH 4111EX AMSI Pure Mathematics Topic B - Honours	3	
S1 S2	STATS 4110EX AMSI Statistics Topic A - Honours	3	
S1 S2	STATS 4111EX AMSI Statistics Topic B - Honours	3	