

# Master of Mathematical Sciences

Course		Units	Status
<b>Year 1</b>			
S1	Group A, B or C Elective	3	
S1	Group A, B or C Elective	3	
S1	Group B or C Elective	3	
S1	Group B or C Elective	3	
S2	Group A, B or C Elective	3	
S2	Group B or C Elective	3	
S2	Group C Elective	3	
S2	Group C Elective	3	
<b>Year 2</b>			
S1	Group C Elective	3	
S1	Group C Elective	3	
S1	Project Part 1 Course	0	
S1	Project Part 2 Course	0	
S2	Group C Elective	3	
S2	Project Part 3 Course	0	
S2	Project Part 4 Course	15	

Elective Course (see below)			
<b>CM</b> = Completed	<b>CR</b> = Credit Awarded	<b>EN</b> = Currently Enrolled	<b>ENROL</b> = Add to Enrolments

\* Students may also complete the Project by completing Part 1, 2 & 3 in Semester 1, Year 2, followed by Part 4 in Semester 2.

Project Part 1 Table			
S1 S2	<a href="#">APP MTH 7200A Masters Project in Applied Mathematics A - Part 1</a>	0	
S1 S2	<a href="#">MATHS 7200A Masters Project in Mathematical Sciences A - Part 1</a>	0	
S1 S2	<a href="#">PURE MTH 7200A Masters Project in Pure Mathematics A - Part 1</a>	0	
S1 S2	<a href="#">STATS 7200A Masters Project in Statistics A - Part 1</a>	0	
Project Part 2 Table			
S1 S2	<a href="#">APP MTH 7200B Masters Project in Applied Mathematics B - Part 2</a>	0	
S1 S2	<a href="#">MATHS 7200B Masters Project in Mathematical Sciences B - Part 2</a>	0	
S1 S2	<a href="#">PURE MTH 7200B Masters Project in Pure Mathematics B - Part 2</a>	0	
S1 S2	<a href="#">STATS 7200B Masters Project in Statistics B - Part 2</a>	0	
Project Part 3 Table			
S1 S2	<a href="#">APP MTH 7200C Masters Project in Applied Mathematics C - Part 3</a>	0	
S1 S2	<a href="#">MATHS 7200C Masters Project in Mathematical Sciences C - Part 3</a>	0	
S1 S2	<a href="#">PURE MTH 7200C Masters Project in Pure Mathematics C - Part 3</a>	0	
S1 S2	<a href="#">STATS 7200C Masters Project in Statistics C - Part 3</a>	0	
Project Part 4 Table			
S1 S2	<a href="#">APP MTH 7200D Masters Project in Applied Mathematics D - Part 4</a>	15	
S1 S2	<a href="#">MATHS 7200D Masters Project in Mathematical Sciences D - Part 4</a>	15	
S1 S2	<a href="#">PURE MTH 7200D Masters Project in Pure Mathematics D - Part 4</a>	15	
S1 S2	<a href="#">STATS 7200D Masters Project in Statistics D - Part 4</a>	15	

## 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](mailto:askecms@adelaide.edu.au) • +61 8 8313 4148 • [www.ecms.adelaide.edu.au](http://www.ecms.adelaide.edu.au)

# Master of Mathematical Sciences

Available	Course	Units	Status
<b>Group A Elective Table</b>			
S1	MATHS 7101 Multivariable and Complex Calculus	3	
S1	MATHS 7102 Differential Equations	3	
S1	MATHS 7103 Probability & Statistics	3	
S1	PURE MTH 7106 Algebra	3	
S2	MATHS 7100 Real Analysis	3	
S2	MATHS 7104 Numerical Methods	3	
S2	STATS 7107 Statistical Modelling and Inference	3	
<b>Group B Elective Table</b>			
S1	APP MTH 7035 Modelling with Ordinary Differential Equations	3	
S1	APP MTH 7065 Applied Probability	3	
S1	APP MTH 7072 Optimisation	3	
S1	APP MTH 7075 Fluid Mechanics	3	
S1	PURE MTH 7054 Complex Analysis	3	
S1	PURE MTH 7055 Topology and Analysis	3	
S1	PURE MTH 7059 Groups and Rings	3	
S1	STATS 7054 Statistical Modelling	3	
S1	STATS 7059 Mathematical Statistics	3	
S2	APP MTH 7056 Random Processes	3	
S2	APP MTH 7107 Partial Differential Equations and Waves	3	
S2	APP MTH 7124 Decision Science PG	3	
S2	MATHS 7026 Cryptography PG	3	
S2	MATHS 7070 Financial Modelling: Tools & Techniques	3	
S2	PURE MTH 7071 Integration and Analysis	3	
S2	STATS 7022 Data Science PG	3	
S2	STATS 7023 Computational Bayesian Statistics III	3	
T1 T2 T3	ENG 7111 Internship (see note below)	6	
<b>Group C Elective Table</b>			
Not Available	PURE MTH 7047 Pure Mathematics Topic C	3	
Not Available	PURE MTH 7067 Pure Mathematics Topic F	3	
S1	APP MTH 7044 Applied Mathematics Topic C	3	
S1	APP MTH 7045 Applied Mathematics Topic B	3	
S1	APP MTH 7048 Applied Mathematics Topic A	3	
S1	PURE MTH 7002 Pure Mathematics Topic B	3	
S1	PURE MTH 7038 Pure Mathematics Topic A	3	
S1	STATS 7004 Statistics Topic A	3	
S2	APP MTH 7049 Applied Mathematics Topic D	3	
S2	APP MTH 7087 Applied Mathematics Topic E	3	
S2	APP MTH 7088 Applied Mathematics Topic F	3	
S2	PURE MTH 7023 Pure Mathematics Topic D	3	
S2	PURE MTH 7066 Pure Mathematics Topic E	3	
S2	STATS 7008 Statistics Topic D	3	

## ENG 7111 Internship

- Internships are available to students and allow students to build and apply skills to a relevant workplace setting.
- Students will need to apply for approved internships on [CareerHub](#), and if successful in gaining an internship will be enrolled by the faculty in *ENG 7111 Internship* (6 units).
- For more information see: <https://ecms.adelaide.edu.au/study-with-us/student-support/internships/computer-mathematical-sciences>