



THE UNIVERSITY  
of ADELAIDE

2017 Study Plan  
Bachelor of Teaching with  
Bachelor of Mathematical and Computer Sciences  
a Major in Mathematical Sciences with Computer Science studies  
[Students with Specialist Maths]

Year 1				
S 1	MATHS 1011 Mathematics IA	COMP SCI 1012 Scientific Computing	COMP SCI 1101 Introduction to Programming	EDUC 1001 Schools and Policy
S 2	MATHS 1012 Mathematics IB	STATS 1005 Statistical Analysis & Modelling I <i>(Strongly recommended for teaching Mathematics in High School)</i>	COMP SCI 1102 Object Oriented Programming	EDUC 1100 Introduction to Teaching and Learning <b>(5 day Primary School Placement)</b>
Year 2				
S 1	Mathematics Major course Level II	Mathematics Major course Level II	COMP SCI 2103 Algorithm Design & Data Structures for Engineers	EDUC 2001 Issues in Contemporary Education <b>(includes 5 day Country Placement week 1 of semester 2)</b>
S 2	Mathematics Major course Level II	Mathematics or Computer Science Elective Level II	Computer Science course Level II	EDUC 2002 Professional Practice and Research
Year 3				
S 1	Mathematics Major course Level III	Mathematics Major course Level III	Education, Culture & Diversity (UG)	EDUC 3001 Reflective Practice
S 2	Mathematics Major course Level III	Mathematics Major course Level III	Computer Science course Level III	Computer Science course Level III
Year 4				
T 1	Senior Mathematics Curriculum & Methodology A	Information Technology Curriculum & Methodology A	Professional Experience <b>(10 days in a Secondary School)</b>	
T 2	Senior Mathematics Curriculum & Methodology B	Information Technology Curriculum & Methodology B	Professional Experience <b>(20 days in a Secondary School)</b>	
T 3	Professional Preparation <b>(intensive week 1)</b>		Professional Experience <b>(45 days in a Secondary School)</b>	
Provided all of the above requirements have been met, students will be eligible for completion.				
Maths Pathway		Computer Science Pathway	Compulsory Teaching courses	

### Degree information

You will complete 96 units to finish your degree. Most courses are worth 3 units each, except some Level III courses which are worth 6 units.

Teaching areas: Mathematics and Information Technology.

### Majors in Mathematical Sciences

- Applied Mathematics
- Pure Mathematics
- Statistics
- Mathematical Sciences

Students are advised to consult the Program Rules for the Bachelor of Mathematical and Computer Sciences for the Major requirements. Advice can also be obtained from the Faculty of Engineering, Computer & Mathematical Sciences: +61 8 8313 4148, [ecms\\_office@adelaide.edu.au](mailto:ecms_office@adelaide.edu.au), Ingkarni Wardli, Level 1

For Teaching information, please contact the Faculty of Arts: +61 8 8313 5245, [arts@adelaide.edu.au](mailto:arts@adelaide.edu.au), Ground Floor, Napier Building.