

Bachelor of Teaching (Middle)/Bachelor of Mathematical and Computer Sciences (With a Major in Computer Science)

Study Plan 2021 commencement

If you did not commence your degree in 2021, please refer to the plan for the year in which you started.

PROGRAM STRUCTURE

UNITS AND LEVELS	<p>You must complete a total of 96 units of courses, with:</p> <ul style="list-style-type: none"> at least 12 units and no more than 24 units of Level 1 courses at least 72 units at Levels 2, 3 and 4
MATHS & COMP SCIENCE (Teaching Area 1)	<p>You must complete 12 units of Mathematical and Computer Sciences Core courses plus 24 units of Computer Sciences Major courses. These courses are a guide only. Contact the Faculty of Engineering, Computer and Mathematical Sciences for specific advice.</p>
Teaching Area 2	<p>You must complete a sequence of courses in one discipline to the value of 18 units from a second teaching area. <i>You must choose a second teaching area from the list below.</i></p>
EDUCATION	<p>You must complete 42 units of Teaching Core courses, including:</p> <ul style="list-style-type: none"> 18 units of Education Courses at level 1, 2 and 3 (6 units at each level) 24 units of Education Courses at level 4, including 12 units of Curriculum & Methodology courses. <p>Prior to commencing 4th year you must:</p> <ul style="list-style-type: none"> successfully complete both the literacy and numeracy components of the LANTITE; complete the requirements for the Bachelor of Mathematical and Computer Sciences program. <p>Both Part A and the matching Part B of the same Curriculum & Methodology course must be completed from your chosen two teaching subject areas – refer to list on Faculty website.</p>

PLEASE NOTE

- *Students who have not passed SACE Stage 2 Specialist Maths are required to enrol in MATHS 1013 Mathematics IM as a prerequisite to enrolling in MATHS 1011 Mathematics IA. This does not count towards the degree.
- You can undertake a **second teaching area** in the following areas: Accounting, Biology, Business Studies, Chemistry, Chinese**, English, French**, Geography, Environment and Population, German**, History, Indonesian**, Italian**, Japanese**, Linguistics (English as an Additional Language), Mathematical Sciences+, Modern Greek**, Physics, Spanish**.
- **Must seek advice from Faculty of Arts prior to enrolling; +MATHS 3025 Professional Practice III cannot be presented towards the second teaching area.
- All Teaching Curriculum & Methodology course lists can be found on the Faculty of Arts website.
- A course is usually worth 3 units, with some worth 6, 9 or 12. Information about all courses can be found in Course Planner.
- Some courses have restrictions and/or prerequisites (i.e. other courses you must complete first) - check Course Planner to make sure you meet these, if applicable.
- If you think you might like to undertake an internship or go on exchange, plan early in your degree so you don't miss out.

LINKS AND FURTHER INFORMATION

- [Study Plans, Majors, Minors and Arts Electives lists](#) Electives from other Faculties can be found via Course Planner.
- [Course Planner](#) Information about any University course, including semester/term availability, class times, unit value, restrictions and prerequisites.
- [University Calendar](#) All academic program rules – this is the definitive set of rules for your program.
- [Study Overseas](#) A Study Overseas experience may be included in your program.
- [Internships](#) Enhance your career prospects with an internship with one of our industry, community or government partners.
- Contact the Faculty of Arts:** arts@adelaide.edu.au • +61 8 8313 5245 • www.arts.adelaide.edu.au

STUDENT CHARTER

Under the [University's Student Charter](#), it is the student's responsibility to enrol correctly in accordance with the University's program requirements, course prerequisites and University procedures, and ensure that your enrolment will enable you to graduate in your chosen program. If this study plan is unclear, please seek advice from the Faculty of Arts at the earliest opportunity.

- This study plan functions as both a list of *courses you must complete* and as a record of *what you have completed*.
- Courses are not necessarily listed in a specific order – check Course Planner for availability in each semester/term.
- If you did not commence your degree in 2021, please refer to the plan for the year in which you started.

Student ID & Name:

Course	Level	Units	Status
Year 1			
M&CS COMP SCI 1102 Object Oriented Programming	1	3	
M&CS ENG 1002 Programming (Matlab and C)	1	3	
M&CS MATHS 1011 Mathematics IA*	1	3	
M&CS MATHS 1012 Mathematics IB	1	3	
TA2 Teaching Area 2 Level 1 course	1	3	
TA2 Teaching Area 2 Level 1 course	1	3	
Educ EDUC 1001 Schools and Society	1	3	
Educ EDUC 1100 Introduction to Teaching and Learning (Including a 10-day placement)	1	3	
Year 2			
M&CS COMP SCI 2000 Computer Systems	2	3	
M&CS COMP SCI 2103 Algorithm Design & Data Structures	2	3	
M&CS Level 2 Computer Sciences Elective	2	3	
M&CS Level 2 Computer Sciences Elective	2	3	
TA2 Teaching Area 2 Level 2 course	2	3	
TA2 Teaching Area 2 Level 2 course	2	3	
Educ EDUC 2001 Issues in Contemporary Education	2	3	
Educ EDUC 2002 Research as Teaching Practice (Including a 10-day placement)	2	3	
Year 3			
M&CS COMP SCI 3006 Software Engineering & Project	3	3	
M&CS Level 3 Computer Sciences Elective	3	3	
M&CS Level 3 Computer Sciences Elective	3	3	
M&CS Level 3 Computer Sciences Elective	3	3	
TA2 Teaching Area 2 Level 3 course	3	3	
TA2 Teaching Area 2 Level 3 course	3	3	
Educ EDUC 3005 Middle Years Pedagogy (Including a 10-day placement)	3	3	
Educ EDUC 3003 Teaching the Diverse Classroom	3	3	
Year 4 – You must have completed both components of the LANTITE and all discipline studies courses before commencing Year 4. Note that these courses are taught in terms instead of semesters – check course planner for course dates			
Educ Teaching Area 1 Curriculum and Methodology A	3	3	
Educ Teaching Area 2 Curriculum and Methodology A	3	3	
Educ Teaching Area 1 Curriculum and Methodology B	3	3	
Educ Teaching Area 2 Curriculum and Methodology B	3	3	
Educ EDUC 4207 Professional Preparation (UG) (intensive)	3	3	
Educ EDUC 4210 Teaching Literacy and Numeracy in the Middle Years	3	3	
Educ EDUC 4211 Middle Years Professional Experience A (25-day placement)	3	3	
Educ EDUC 4212 Middle Years Professional Experience B (25-day placement)	3	3	

EN = Enrolled, CM = Complete

Major: Computer Science

Teaching Area 2:

Prepared by:

Date:

Notes: