

2020 Study Plan

Bachelor of Teaching (Middle) with Bachelor of Mathematical and Computer Sciences

with a major in Computer Sciences and a second teaching area

Year 1			
ENG 1002 Programming (Matlab and C)	MATHS 1011 Mathematics IA*	Teaching Area 2 (Elective Level I)	EDUC 1001 Schools and Society
COMP SCI 1102 Object Oriented Programming	MATHS 1012 Mathematics IB	Teaching Area 2 (Elective Level I)	EDUC 1100 Introduction to Teaching and Learning (inc 10-day Placement)
Year 2			
COMP SCI 2103 Algorithm Design & Data Structures	Computer Sciences Elective Level II	Teaching Area 2 (Elective Level II)	EDUC 2001 Issues in Contemporary Education
COMP SCI 2000 Computer Systems	Computer Sciences Elective Level II	Teaching Area 2 (Elective Level II)	EDUC 2002 Research as Teaching Practice (inc 10-day Placement)
Year 3			
Computer Sciences Elective Level III	Computer Sciences Elective Level III	Teaching Area 2 (Elective Level III)	EDUC 3005 Middle Years Pedagogy (incl 10-day Placement) Not offered in 2020
COMP SCI 3006 Software Engineering & Project	Computer Sciences Elective Level III	Teaching Area 2 (Elective Level III)	EDUC 3003 Teaching the Diverse Classroom
Year 4			
Prior to commencing 4th year ALL students must : <ol style="list-style-type: none"> 1. successfully complete both the literacy and numeracy components of the LANTITE 2. complete the requirements for the Bachelor of Mathematical and Computer Sciences program 			
T1	EDUC 4524A Digital Technologies Curriculum and Methodology A	Teaching Area 2 Curriculum and Methodology A	EDUC 4210 Teaching Literacy and Numeracy in the Middle Years Not offered in 2020
T2	EDUC 4524B Digital Technologies Curriculum and Methodology B	Teaching Area 2 Curriculum and Methodology B	EDUC 4211 Middle Years Professional Experience A (25 days in a Secondary School) Not offered in 2020
T3	EDUC 4207 Professional Preparation (UG) (intensive week 1)	EDUC 4212 Middle Years Professional Experience B (25 days in a Secondary School) Not offered in 2020	
T4	Provided all of the above requirements have been met, students will be eligible for completion.		
	Mathematical and Computer Sciences course	Teaching Area [^] 1 (Computer Sciences major course) – guide only	Teaching Area [^] 2 (Elective course)
		Teaching course	

DEGREE INFORMATION OVERLEAF.
CURRICULUM & METHODOLOGY COURSES ON PAGE 3.

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 or contains an error, it is recommended you seek confirmation and advice from the Faculty of Arts at the earliest opportunity.

Degree information

You must complete 96 units to finish your degree, comprising at least 12 units (and a maximum of 24 units) at Level I, and a minimum of 72 units at Levels II, III, and IV. Courses are worth 3 units each, unless specified.

Mathematical and Computer Sciences Course

You must complete 12 units of Mathematical and Computer Sciences Core courses.

*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.

Teaching Area 1: Computer Sciences Major Course

You must complete 24 units to be eligible for the Computer Sciences teaching area (major). The courses are a guide only.

Contact the Faculty of Engineering, Computer and Mathematical Sciences for more information:

Phone: +61 8 8313 4148

Email: ecms_office@adelaide.edu.au

<https://ecms.adelaide.edu.au/>

[^] Defined by the accrediting body, Australian Institute for Teaching and School Leadership (AITSL):

i) **A major teaching area** is the equivalent of a total of three-quarters of a year's full time study which equates to 18 units. No more than 6 units at Level I and at least 6 units at Level III can be counted.

ii) **A minor teaching area** is equivalent to one-half year of full time study which equates to 12 units. No more than 6 units at Level I can be counted.

Teaching Area 2

Please contact the Faculty of Arts for enrolment advice in your second teaching area. You must complete 18 units in one of the following areas to be eligible for a second teaching area:

- Accounting
- Biology
- Business Studies
- Chemistry
- Chinese Studies**
- English
- French Studies**
- Geography
- German Studies**
- History
- Indonesian Studies**
- Italian Studies**
- Japanese Studies**
- Linguistics (English as an Additional Language)
- Mathematical Sciences+
- Modern Greek Studies**
- Music
- Physics
- Spanish Studies**

**You must seek advice regarding eligibility from the Faculty of Arts prior to enrolling.

+MATHS 3025 Professional Practice III is not considered a Mathematical Sciences course and cannot be presented towards a major.

Teaching Course

You must complete 42 units of Teaching Core courses, including 12 units of Curriculum & Methodology courses. Both Part A and the matching Part B of the same Curriculum & Methodology course (detailed over page) must be completed from your chosen two teaching subject areas.

Study Overseas

A Study Overseas experience may be included in your program. Please see: www.arts.adelaide.edu.au/study-with-us/student-support/study-overseas

Further Information and Enrolment Advice

Faculty of Arts

Book an appointment: www.arts.adelaide.edu.au/appointments

Phone: +61 8 8313 5245

Email: arts@adelaide.edu.au

www.arts.adelaide.edu.au

Ensure you check any restrictions and pre-requisites.

Curriculum & Methodology Courses

Accounting

- EDUC 4508A Accounting Curriculum & Methodology A
- EDUC 4508B Accounting Curriculum & Methodology B

Biology

- EDUC 4510A Biology Curriculum & Methodology A
- EDUC 4510B Biology Curriculum & Methodology B

Business Studies

- EDUC 4511A Business Studies Curriculum & Methodology A
- EDUC 4511B Business Studies Curriculum & Methodology B

Chemistry

- EDUC 4512A Chemistry Curriculum & Methodology A
- EDUC 4512B Chemistry Curriculum & Methodology B

Chinese

- EDUC 4513A Chinese Curriculum & Methodology A
- EDUC 4513B Chinese Curriculum & Methodology B

Classroom Music

- EDUC 4514A Classroom Music Curriculum & Methodology A
- EDUC 4514B Classroom Music Curriculum & Methodology B

Digital Technologies

- EDUC 4524A Digital Technologies Curriculum & Methodology A
- EDUC 4524B Digital Technologies Curriculum & Methodology B

English

- EDUC 4519A English Curriculum & Methodology A
- EDUC 4519B English Curriculum & Methodology B

English as an Additional Language

- EDUC 4516A Engl as an Additional Lang/Dialect Curriculum & Methodology A
- EDUC 4516B Engl as an Additional Lang/Dialect Curriculum & Methodology B

French

- EDUC 4518A French Curriculum & Methodology A
- EDUC 4518B French Curriculum & Methodology B

Geography

- EDUC 4520A Geography Curriculum & Methodology A
- EDUC 4520B Geography Curriculum & Methodology B

German

- EDUC 4521A German Curriculum & Methodology A
- EDUC 4521B German Curriculum & Methodology B

Indonesian

- EDUC 4523A Indonesian Curriculum & Methodology A
- EDUC 4523B Indonesian Curriculum & Methodology B

Instrumental Music

- EDUC 4525A Instrumental Music Curriculum & Methodology A
- EDUC 4525B Instrumental Music Curriculum & Methodology B

Italian

- EDUC 4526A Italian Curriculum & Methodology A
- EDUC 4526B Italian Curriculum & Methodology B

Japanese

- EDUC 4527A Japanese Curriculum & Methodology A
- EDUC 4527B Japanese Curriculum & Methodology B

Mathematics

- EDUC 4528A Mathematics Curriculum & Methodology A
- EDUC 4528B Mathematics Curriculum & Methodology B

Modern Greek

- EDUC 4538A Modern Greek Curriculum & Methodology A
- EDUC 4538B Modern Greek Curriculum & Methodology B

Physics

- EDUC 4531A Physics Curriculum & Methodology A
- EDUC 4531B Physics Curriculum & Methodology B

Senior English

- EDUC 4532A Senior English Curriculum & Methodology A
- EDUC 4532B Senior English Curriculum & Methodology B

Senior History

- EDUC 4522A Senior History Curriculum & Methodology A
- EDUC 4522B Senior History Curriculum & Methodology B

Senior Mathematics

- EDUC 4533A Senior Mathematics Curriculum & Methodology A
- EDUC 4533B Senior Mathematics Curriculum & Methodology B

Spanish

- EDUC 4535A Spanish Curriculum & Methodology A
- EDUC 4535B Spanish Curriculum & Methodology B

Humanities

- EDUC 4534A Humanities & Social Sciences Curr & Method A (UG)
- EDUC 4534B Humanities & Social Sciences Curr & Method B (UG)