

2020 Study Plan

Bachelor of Teaching (Secondary) 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 3006 Secondary 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 			
T 1	EDUC 4524A Digital Technologies Curriculum and Methodology A	Teaching Area 2 Curriculum and Methodology A	EDUC 4213 Education Research Skills Not offered in 2020
T 2	EDUC 4524B Digital Technologies Curriculum and Methodology B	Teaching Area 2 Curriculum and Methodology B	EDUC 4206 Professional Experience A (UG) (25 days in a Secondary School)
T 3	EDUC 4207 Professional Preparation (UG) (intensive week 1)	EDUC 4208 Professional Experience B (UG) (25 days in a Secondary School)	
T 4	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
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DEGREE INFORMATION OVERLEAF.
CURRICULUM & METHODOLOGY COURSES ON PAGE 3.

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 Courses

You must complete 12 units of Mathematical and Computer Sciences Core courses. Ensure you check any restrictions and pre-requisites.

**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.*

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

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

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

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 overleaf) 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

History

- EDUC 4544A History Curriculum & Methodology A
- EDUC 4544B History 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)