

2019 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 Policy
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 (inc 10-day Placement)
COMP SCI 2000 Computer Systems	Computer Sciences Elective Level II	Teaching Area 2: (Elective Level II)	EDUC 2002 Professional Practice and Research
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)
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 4 th 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
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

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.

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
- Linguistics (ESL)
- Italian Studies**
- Biology
- French Studies**
- Japanese Studies**
- Business Studies
- Geography
- Physics
- Chemistry
- German Studies**
- Spanish Studies**
- Chinese Studies**
- History
- Modern Greek Studies**
- Classroom Music
- Indonesian Studies**
- Mathematical Sciences

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

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

Phone: +61 8 8313 5245

Email: arts@adelaide.edu.au

www.arts.adelaide.edu.au

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.

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

Earth & Environmental Science

- EDUC 4545A Earth & Environmental Sci Curric & Methodology A
- EDUC 4545B Earth & Environmental Sci Curric & Methodology B

Economics

- EDUC 4515A Economics Curriculum & Methodology A
- EDUC 4515B Economics Curriculum & Methodology B

English

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

English as a Second 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 4524A Japanese Curriculum & Methodology A
- EDUC 4524B Japanese Curriculum & Methodology B

Legal Studies

- EDUC 4546A Legal Studies Curriculum & Methodology A
- EDUC 4546B Legal Studies Curriculum & Methodology B

Mathematics

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

Media Studies

- EDUC 4544A Media Studies Curriculum & Methodology A
- EDUC 4544B Media Studies Curriculum & Methodology B

Modern Greek

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

Other Language

- EDUC 4536A Other Language Curriculum & Methodology A
- EDUC 4536B Other Language Curriculum & Methodology B

Psychology

- EDUC 4540A Psychology Curriculum & Methodology A
- EDUC 4540B Psychology Curriculum & Methodology B

Physics

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

Science

- EDUC 4529A Science Curriculum & Methodology A
- EDUC 4529B Science Curriculum & Methodology B

Scientific Studies / STEM

- EDUC 4548A Scientific Studies/ STEM Curric & Method A
- EDUC 4548B Scientific Studies/ STEM Curric & Method 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

Vietnamese

- EDUC 4534A Vietnamese Curriculum & Methodology A
- EDUC 4534B Vietnamese Curriculum & Methodology B

Alternative Curricula

- EDUC 4543A Alternative Curricula A
- EDUC 4543B Alternative Curricula B

Extended Specialist

- EDUC 4514A Extended Specialist Curriculum & Method A
- EDUC 4514B Extended Specialist Curriculum & Method B