

Courses at University

Nicholas Buchdahl

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Undergraduate education

Basic undergraduate degree - "*Bachelor's degree*", e.g., Bachelor of Science (BSc), Bachelor of Arts (BA), B.Eng., etc.

Various degrees offered by different **faculties**. Faculties are groupings of academic Departments or Schools, normally with common interests.

At Adelaide, there are 5 faculties: Professions, Science, Health Sciences, Humanities & Social Sciences, & Engineering, Computer and Mathematical Sciences (ECMS).

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Bachelor's degrees are normally 3 years of study, (Engineering is 4 years).

To complete degree, need total of 72 units. (96 for Engineering). Normally take 24 units per year; 12 units per semester.

Each subject is usually 3 units, so standard load is 4 subjects per semester.

Note: In addition to reaching the 72 units, there are other requirements ("the degree rules") such as on the number of units obtained at each level.

[NB: Note the frequent use of "*normally*"; universities are quite flexible (normally).]

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There are usually 12 weeks per semester.

In first year, a subject will usually involve 4 hours of lectures and 1 hour of tutorials each week; some subjects have laboratory sessions.

In second year, subjects usually involve 3 hours of lectures per week and a tutorial or lab each week or fortnight.

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Depending on which degree, the choice of subjects can be very broad or very restrictive.

In Mathematics, there are 3 degrees: Bachelor of Mathematical & Computer Sciences (BMCompSc), Bachelor of Mathematical Sciences (BMaSc) and the Bachelor of Mathematical Sciences (Advanced) BMaSc(Adv).

The BMCompSc is very flexible, requiring only about half your total study to be in mathematics.

The BMaSc is more prescriptive, but students taking this degree should emerge with an excellent understanding of and strong skills in a broad range of mathematics.

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It attracts students with strong mathematical abilities and interests (as well as some with strong skills in other areas).

We are hopeful that it will be very attractive to potential employers seeking people with excellent analytical abilities.

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Choice of subjects is determined by many factors: personal preference; advice from others; career goals; etc. Making good choices is very important.

For those who do not have specific career goals in mind, it is usual to start out with a broad choice of subjects and subsequently become more specialised.

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E.g. (NPB, BSc ANU, BF (Dark Ages)):

- ▶ First Year: Physics, Chemistry, Pure Maths, Applied Maths.
- ▶ Second Year: Physics, Theoretical Physics, Pure Maths.
- ▶ Third Year: Theoretical Physics, Pure Maths.
- ▶ (Fourth Year - Honours): Pure Maths.

Honours Degrees:

Most degrees allow students to do a fourth year of specialised study called **Honours**. Normally students work in just one area of specialisation, and the work involves both lectures and project work (thesis/dissertation): a training in undertaking research.

Undertaking such research training is essential to be able to go on to higher degrees, (PhD, DSc, etc).

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Other pathways to higher degrees are Masters degrees, of which there are several forms.

Most recently introduced is the *Master of Philosophy* (MPhil), which involves two years of study and has taken over Honours to a large extent.

Students learn about the various possibilities as they progress through their undergraduate degrees.

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Another variation on basic Bachelor's degree: double degrees.

A double degree involves undertaking 2 undergraduate degrees essentially at the same time.

In the first two years, subjects taken normally count towards both degrees. In the third year, studies are normally focussed on one area to complete one of the degrees. In the fourth year, the subjects required to complete the second degree are taken.

(A double degree with Engineering will normally take 5 years.)

Double degrees involving a vocational degree (e.g., Engineering, Finance, Teaching) together with Mathematics are very popular. They are very attractive to prospective employers.

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Double degrees involving a vocational degree (e.g., Engineering, Finance, Teaching) together with Mathematics are very popular. They are very attractive to prospective employers.

Another variation on basic Bachelor's degree: double degrees.

A double degree involves undertaking 2 undergraduate degrees essentially at the same time.

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- ▶ Students can sign up for a double degree during (or after) their first year at university;
- ▶ Students can drop one of the two parts of their degree;
- ▶ It is possible to switch between degrees if the appropriate rules are satisfied.

Note: Direct entry to double degrees (through SATAC) is becoming a bit more restrictive and fewer students seem to be pursuing such degrees now.

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<https://apply.satac.edu.au/info/coursesearch/?cycleCode=unis2016>

Course Information

Search Results | Degree Finder

SATAC Undergraduate

Find courses below then click [here](#) to apply

Enter a course code or search using any combination of the filters below:

Course code or single keyword

Institutions

Area of Study

Levels

[\[Back to previous page\]](#) [Search](#)

Select	Code	Start	Course Name	Location
14 courses found				
<input type="radio"/>	314711	SEM1	Bachelor of Finance/Bachelor of Mathematical and Computer Sciences	University of Adelaide
<input type="radio"/>	314711	MIDYR	Bachelor of Finance/Bachelor of Mathematical and Computer Sciences	University of Adelaide
<input type="radio"/>	324481	SEM1	Bachelor of Health Sciences/Bachelor of Mathematical and Computer Sciences	University of Adelaide
<input type="radio"/>	324481	MIDYR	Bachelor of Health Sciences/Bachelor of Mathematical and Computer Sciences	University of Adelaide
<input type="radio"/>	314541	SEM1	Bachelor of Mathematical and Computer Sciences	University of Adelaide
<input type="radio"/>	314541	MIDYR	Bachelor of Mathematical and Computer Sciences	University of Adelaide
<input type="radio"/>	324421	SEM1	Bachelor of Mathematical Sciences	University of Adelaide
<input type="radio"/>	324421	MIDYR	Bachelor of Mathematical Sciences	University of Adelaide

<https://apply.satac.edu.au/info/coursesearch/?cycleCode=unis2016>

Course code or single keyword <input type="text" value="double"/>	Area of Study <input type="text" value="--All Areas of Study--"/>
Institutions <input type="text" value="University of Adelaide"/>	Levels <input type="text" value="--All Levels--"/>

[\[Back to previous page\]](#)

Search

Select	Code	Start	Course Name	Location
22 courses found				
<input type="radio"/>	314871	SEM1	Bachelor of Engineering (Honours) (Chemical) double/combined degrees - Arts	University of Adelaide
<input type="radio"/>	314871	SEM1	Bachelor of Engineering (Honours) (Chemical) double/combined degrees - Finance	University of Adelaide
<input type="radio"/>	314871	SEM1	Bachelor of Engineering (Honours) (Chemical) double/combined degrees - Mathematical and Computer Sciences	University of Adelaide
<input type="radio"/>	314871	SEM1	Bachelor of Engineering (Honours) (Chemical) double/combined degrees - Science	University of Adelaide
<input type="radio"/>	314871	SEM1	Bachelor of Engineering (Honours) (Chemical) double/combined degrees - Science (Biotechnology)	University of Adelaide

Example: B.Teaching/B.Maths&CS double degree.

(This example would be for a person aiming to teach upper level mathematics in high school, and who did Year 12 French and wants to continue with it.)

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Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2

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	Semester 1	Semester 2

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1		

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math.	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2		

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn.	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis

Example: B.Teaching/BMaCompSc double degree.

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Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar. & Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res.

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Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB

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Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar. & Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3		

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3	Reflective Practice	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar. & Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3	Reflective Practice Complex Analysis	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3	Reflective Practice Complex Analysis Math. Statistics	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3	Reflective Practice Complex Analysis Math. Statistics Groups & Rings	

Example: B.Teaching/BMaCompSc double degree.

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Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3	Reflective Practice Complex Analysis Math. Statistics Groups & Rings	Secondary School Interaction

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Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar. & Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3	Reflective Practice Complex Analysis Math. Statistics Groups & Rings	Secondary School Interaction Communication Skills Geometry of Surfaces Fin. Modelling
Year 4		

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3	Reflective Practice Complex Analysis Math. Statistics Groups & Rings	Secondary School Interaction Communication Skills Geometry of Surfaces Fin. Modelling
Year 4	Teaching Practice (Other Teaching studies)	

Example: B.Teaching/BMaCompSc double degree.

	Semester 1	Semester 2
Year 1	Schools & Policy Mathematics 1A Intro to Fin. Math. French 1SA	Primary School Interaction Mathematics 1B Stat. Analysis & Modelling French 1SB
Year 2	Issues in Contemp. Educn. Algebra Multivar.& Comp. Calculus French 2SA	Prof. Practice & Research Real Analysis Opt. & Op. Res. French 2SB
Year 3	Reflective Practice Complex Analysis Math. Statistics Groups & Rings	Secondary School Interaction Communication Skills Geometry of Surfaces Fin. Modelling
Year 4	Teaching Practice (Other Teaching studies)	Advanced Education Studies (Other Teaching studies)

Note: The main Mathematics subjects in first year are Maths 1M, Maths 1A, Maths 1B and Statistical Analysis & Modelling I.

Entry into Maths 1A requires Maths Studies and Specialist Maths in high school.

Students with just Maths Studies (or equivalent) in high school enrol in Maths 1M in their first semester, then continue on with Maths 1A and subsequently 1B.

One of Maths 1M or Maths 1A is required to take Statistical Analysis & Modelling.

Maths 1B is offered over the summer for students wanting to move ahead more rapidly.

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Getting more information

<http://www.adelaide.edu.au>

The screenshot shows the University of Adelaide website as viewed in a Safari browser. The browser's address bar displays www.adelaide.edu.au. The website's header features the university's name, logo, and a navigation menu with links to About, Study at Adelaide, Learning & Teaching, Research, Faculties, Engage, Students, and Staff. A prominent banner for 'Research Tuesdays' highlights a seminar on 'Stem Cells: extracting the facts' on May 12th, with a 'FIND OUT MORE' button. Below the banner, three featured sections are visible: 'Degree Finder' with a search bar containing 'e.g. Engineering', 'Our WW1 History' with a historical photograph, and '3 Minute Thesis' with a microphone icon.

Safari File Edit View History Bookmarks Window Help Stand 21% Sat 5:25 PM

The University of Adelaide

www.adelaide.edu.au

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The University of Adelaide

THE UNIVERSITY of ADELAIDE

About Study at Adelaide Learning & Teaching Research Faculties Engage Students Staff

Research Tuesdays
Stem Cells: extracting the facts
Free public forum, 12 May

FIND OUT MORE >
register for seminar

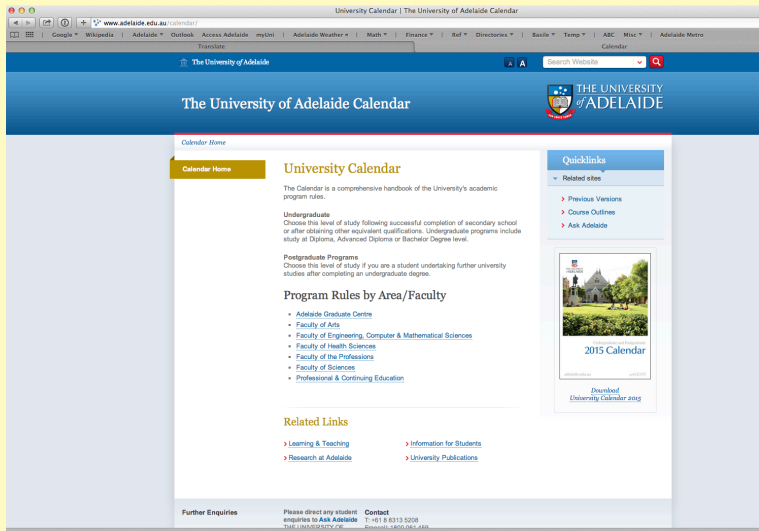
Degree Finder search for degrees, subjects or careers...
e.g. Engineering Search

Our WW1 History

3 Minute Thesis

Getting more information

<http://www.adelaide.edu.au/calendar/>



The screenshot shows a web browser window displaying the University of Adelaide Calendar website. The browser's address bar shows the URL www.adelaide.edu.au/calendar/. The website has a blue header with the text "The University of Adelaide Calendar" and a search bar. Below the header, there is a navigation bar with a "Calendar Home" button. The main content area is titled "University Calendar" and contains several sections: "Undergraduate" (describing the level of study following secondary school), "Postgraduate Programs" (describing the level of study for further university studies), "Program Rules by Area/Faculty" (listing various faculties and centers), "Related Links" (with links to Learning & Teaching, Research at Adelaide, Information for Students, and University Publications), and "Quicklinks" (with links to Previous Versions, Course Outlines, and Ask Adelaide). On the right side, there is a "Download University Calendar 2015" button. The footer contains contact information for the University of Adelaide.

University Calendar | The University of Adelaide Calendar

www.adelaide.edu.au/calendar/

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Translate

The University of Adelaide

The University of Adelaide Calendar

THE UNIVERSITY of ADELAIDE

Calendar Home

Calendar Home

University Calendar

The Calendar is a comprehensive handbook of the University's academic program rules.

Undergraduate
Choose this level of study following successful completion of secondary school or after obtaining other equivalent qualifications. Undergraduate programs include study at Diploma, Advanced Diploma or Bachelor Degree level.

Postgraduate Programs
Choose this level of study if you are a student undertaking further university studies after completing an undergraduate degree.

Program Rules by Area/Faculty

- Adelaide Graduate Centre
- Faculty of Arts
- Faculty of Engineering, Computer & Mathematical Sciences
- Faculty of Health Sciences
- Faculty of the Professions
- Faculty of Sciences
- Professional & Continuing Education

Related Links

- Learning & Teaching
- Information for Students
- Research at Adelaide
- University Publications

Quicklinks

- Related sites
- Previous Versions
- Course Outlines
- Ask Adelaide

2015 Calendar

Download University Calendar 2015

Further Enquiries

Please direct any student enquiries to **Ash Adelaide**
THE UNIVERSITY OF ADELAIDE

Contact
T: +61 8 8313 5208
Enquiries: 8300.065.450

Getting more information

<http://www.adelaide.edu.au/degree-finder/>

The screenshot shows a Safari browser window displaying the University of Adelaide's Degree Finder page. The browser's address bar shows the URL www.adelaide.edu.au/degree-finder/. The page has a blue header with the text "Degree Finder" and the University of Adelaide logo. Below the header is a red navigation bar with links: "About", "Study at Adelaide", "Learning & Teaching", "Research", "Faculties", "Alumni", "Students", and "Staff". The main content area is white and features a section titled "Find Your Degree" with the subtitle "Search Degree Finder for undergraduate, postgraduate coursework and postgraduate research degrees". Below this is a search bar with the placeholder text "e.g. Science" and a red "Search" button. To the right of the search bar is a link for "Advanced" search. Below the search bar is a section titled "Find degrees that match your goals" with three dropdown menus: "I am a..." (set to "Domestic Applicant"), "looking for a..." (set to "Undergraduate Award"), and "starting in..." (set to "2015"). To the right of the search bar is a video player titled "Program Talk" with the subtitle "Beginners guide to Uni". The video player shows a thumbnail of a person sitting at a desk with a laptop, and a play button is visible. Below the video player is a description: "This information-packed video presentation covers degree options, student support services and extracurricular activities."

Degree Finder

THE UNIVERSITY of ADELAIDE

About Study at Adelaide Learning & Teaching Research Faculties Alumni Students Staff

Study At Adelaide / Degree Finder / Home

Find Your Degree

Search Degree Finder for undergraduate, postgraduate coursework and postgraduate research [degrees](#).

Search for a degree, subject or career

e.g. Science **Search**

[Advanced](#)

OR

Find degrees that match your goals

I am a... looking for a... starting in...

Domestic Applicant Undergraduate Award 2015

to study... a career in...

Program Talk

Beginners guide to Uni

This information-packed video presentation covers degree options, student support services and extracurricular activities.

Getting more information

http://www.adelaide.edu.au/degree-finder/2016/btbmc_btchbmcs.html

Bachelor of Teaching with Bachelor of Mathematical and Computer Sciences | Degree Finder

www.adelaide.edu.au/degree-finder/2016/btbmc_btchbmcs.html

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Search Results | Degree Finder Course Information The University of Adelaide Academic Program Rules Calendar Home | Degree Finder Bachelor of Teaching with Bachelor of Mathematical and Computer Sciences

The University of Adelaide

Search Current Site

Degree Finder

THE UNIVERSITY of ADELAIDE

About Study at Adelaide Learning & Teaching Research Faculties Engage Students Staff

Study At Adelaide Degree Finder B.T/B.MCS

[Back to search](#)

Bachelor of Teaching with Bachelor of Mathematical and Computer Sciences

2016

Campus
North Terrace Campus

Degree Type
Double Degree

Duration
4 years full-time or part-time equiv.

SATAC Code
324371

2015 ATAR
70.5

The Bachelor of Teaching program is offered as a double degree only and is designed for students who are beginning tertiary study. The primary focus in the first three years of the degree is on completing (in two different subject areas), two majors or a major and a minor sequence. The major and minor subject sequences are taken as part of another Bachelor's degree program (Arts, Mathematical and Computing Sciences, Economics or Science). These subject areas chosen by students must be taught at senior secondary level (years 10-12).

In each of these years students also take education courses designed to provide an on-going orientation to educational issues and practice. The first, second and third year education courses include assessed observation an experience in school contexts, one of which must be in a country school. The final year is aligned to secondary school terms and taken up entirely with education studies which are organised around three periods of supervised and assessed Professional Experience placements in secondary schools.

Student Study Commitment

To successfully complete courses, students will need to allocate an appropriate time commitment to their study. In addition to the formal contact time required for each course (eg, lectures, tutorials, practicals) students will need to allocate non-contact time. Non-contact time will be required for a range of activities which may include, but are not limited to, assessment tasks, reading, researching, note-taking, revision, writing, consultation with staff, and informal discussion with other students.

Student Profile

Anna Porcelli

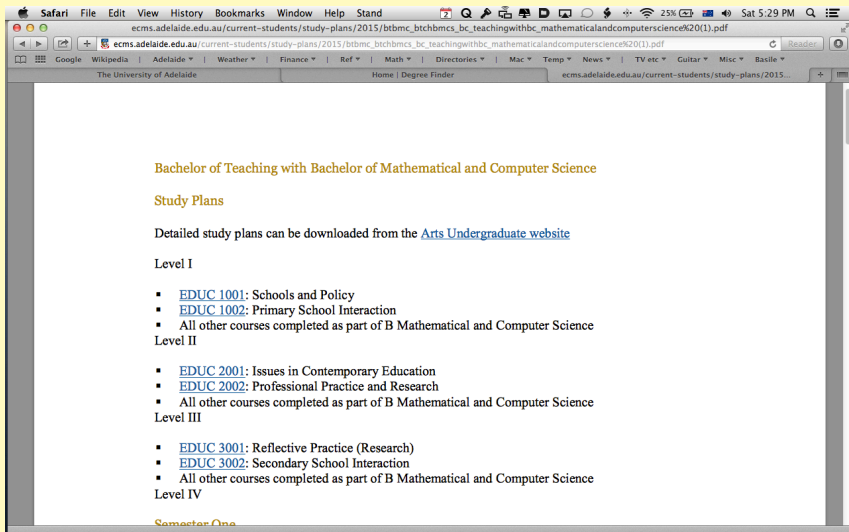
Bachelor of Teaching with Bachelor of Arts

"Adelaide University has given me the education and confidence to become a motivated and inspirational teacher. The high-quality teaching and support staff allowed me to flourish both academically and socially. The staff in the Faculty of Arts consistently lauded with me to ensure that I was on track in both my studies and wellbeing. Through the many associations and on campus events, I have developed many lifelong friendships. This culminated in my election as the 2015 President of the Adelaide University Education Students' Association. I could not be more thankful of the experience given to me by Adelaide University."

Faculty of Arts

Getting more information

<http://ecms.adelaide.edu.au/current-students/study-plans/...>



The screenshot shows a Safari browser window with the address bar displaying the URL: [ecms.adelaide.edu.au/current-students/study-plans/2015/btbmc_btchbmcs_bc_teachingwithbc_mathematicalandcomputerscience%20\(1\).pdf](http://ecms.adelaide.edu.au/current-students/study-plans/2015/btbmc_btchbmcs_bc_teachingwithbc_mathematicalandcomputerscience%20(1).pdf). The page content is as follows:

Bachelor of Teaching with Bachelor of Mathematical and Computer Science

Study Plans

Detailed study plans can be downloaded from the [Arts Undergraduate website](#)

Level I

- [EDUC 1001](#): Schools and Policy
- [EDUC 1002](#): Primary School Interaction
- All other courses completed as part of B Mathematical and Computer Science

Level II

- [EDUC 2001](#): Issues in Contemporary Education
- [EDUC 2002](#): Professional Practice and Research
- All other courses completed as part of B Mathematical and Computer Science

Level III

- [EDUC 3001](#): Reflective Practice (Research)
- [EDUC 3002](#): Secondary School Interaction
- All other courses completed as part of B Mathematical and Computer Science

Level IV

Semester One

Getting more information

<http://www.maths.adelaide.edu.au>

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www.maths.adelaide.edu.au

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School of Mathematical Sciences

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**Welcome to the
School of Mathematical Sciences**

The University of Adelaide has a proud tradition of excellence in both teaching and research across the disciplines of Applied Mathematics, Pure Mathematics and Statistics.

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Next events

TBA
12:10 Mon 4 May 2015 - Nanterre C20 - Lucas Xiong - University of Adelaide

Gary Glonek
Head of School

Nigel Bean
Director of Research
Deputy Head of School

Finnur Larusson
Director of Teaching

Recent news

Outstanding results in the COMAP Mathematical Contest in Modeling

Congratulations to Parsa Kavkani, Alex Tam, Leon Chea, Helen Geng and Susan Pang, who participated in this year's Mathematical Contest in Modeling, run by the Consortium for Mathematics and its Applications (COMAP). The team with Parsa Kavkani and Alex Tam was designated an "Outstanding Winner" for Problem A (on the spreading of Ebola) and was awarded an INFORMS award for their work. Only 5 outstanding winners were selected from over 5000 entries for this problem, which is an amazing achievement. The team with Leon Chea, Helen Geng and Susan Pang was designated a "Meritorious Winner" for Problem A. There were about 640 meritorious winners out of the 5000, which is also an excellent achievement.

[More about this](#) | [More news](#)

Further enquiries

School of Mathematical Sciences
Levels 6 and 7
Ingkarni Wardli Building
North Terrace Campus
The University of Adelaide
SA 5005 Australia

Quick links

- Faculty web site
- University web site
- Australian Mathematical Society
- ANZIAM
- Women and Mathematics Workshop
- Find us on Facebook
- Adelaide University Mathematics Society

Getting more information

<http://www.maths.adelaide.edu.au/students>

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www.maths.adelaide.edu.au/students/ [Reader]

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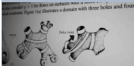
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- Faculty current students page
- Faculty prospective students page
- Prizes and Scholarships
- Student services
- Enrollment information
- University Calendar
- Study Abroad scheme
- University Open Day
- Undergraduate Program Finder
- Postgraduate Coursework Program Finder

Adrian Koerber
Director of First Year Studies

David Clements
Coordinator of Honours Studies

David Green
Coordinator of Postgraduate Studies

Careers for mathematicians

- The University of Adelaide
- Australian Mathematical Society
- American Mathematical Society
- Defence Science and Technology
- Maths-Jobs.com
- MathsJobs.org
- Seek
- ScienceAlert
- StatSci (Statistics)
- Academic and research jobs in Europe
- Society for Industrial and Applied Mathematics
- Where can a degree in Mathematical Sciences take you?

Getting more information

<http://www.maths.adelaide.edu.au/courses>

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School of Mathematical Sciences

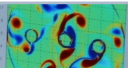
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Courses by discipline

- Mathematical Sciences
- Applied Mathematics
- Pure Mathematics
- Statistics

Course advisors

For course advice, e-mail a course advisor or stop by their office. No appointment is necessary.

Further information

- Course Planner
- Course Outlines

Adrian Koerber
Director of First Year Studies

Susan Barwick
Course Advisor

Benjamin Binder
Course Advisor

David Green
Course Advisor

Undergraduate courses in the School of Mathematical Sciences, 2015

Click on any heading in the table to sort by that column. Shift click on a different heading to add a secondary sort to the table. The links in the final two columns take you to the Course Outline and the Course Planner entry for the given course.

Search all columns:

Discipline	Number	Semester	Name	Course Outline	Course Planner
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Getting more information

<http://www.adelaide.edu.au/course-outlines/019786/1/sem-1/>

The screenshot shows a Safari browser window displaying the University of Adelaide's course outlines page. The browser's address bar shows the URL www.adelaide.edu.au/course-outlines/019786/1/sem-1/. The page has a blue header with the University of Adelaide logo and the text "Course Outlines". Below the header, the breadcrumb trail reads "Study At Adelaide / Course Outlines / MATHS 1011". The main content area is titled "MATHS 1011 - Mathematics IA" and "North Terrace Campus - Semester 1 - 2015". A description of the course follows, detailing its focus on calculus, linear algebra, and problem-solving skills. A "2015" dropdown menu is visible. At the bottom, a list of links includes "General Course Information", "Learning Outcomes", "Learning Resources", "Learning & Teaching Activities", and "Assessment".

Course Outlines

THE UNIVERSITY of ADELAIDE

Study At Adelaide / Course Outlines / MATHS 1011

MATHS 1011 - Mathematics IA

2015

North Terrace Campus - Semester 1 - 2015

This course, together with MATHS 1012 Mathematics IB, provides an introduction to the basic concepts and techniques of calculus and linear algebra, emphasising their inter-relationships and applications to engineering, the sciences and financial areas; introduces students to the use of computers in mathematics; and develops problem solving skills with both theoretical and practical problems. Topics covered are: Calculus: functions of one variable, differentiation, the definite integral, and techniques of integration. Algebra: Linear equations, matrices, the real vector space determinants, optimisation, eigenvalues and eigenvectors; applications of linear algebra.

Open All

- General Course Information
- Learning Outcomes
- Learning Resources
- Learning & Teaching Activities
- Assessment

