



UniSA

Environmental Science and Geospatial Science

- Environmental Science
- Geospatial Science
- Sustainable Environments (Hons)

2012

Why study Environmental Science and Geospatial Science at UniSA?

- » We offer many field-trips and utilise state-of-the-art technologies like Geographical Information Systems
- » Our new Barbara Hardy Research Institute (unisa.edu.au/barbarahardy) seeks to find solutions to the complex human and technological issues involved in developing more environmentally-sustainable communities
- » Research work is also undertaken through the SA Water Centre for Water Management and Reuse (unisa.edu.au/water)

Contents

Why Study Environmental Science and Geospatial Science at UniSA?	2
Bachelor of Environmental Science	4
Bachelor of Geospatial Science	8
Bachelor of Sustainable Environments (Honours)	10
Entry Requirements	12

The recent Excellence in Research Australia (ERA) awards recognised UniSA's **Division of Information Technology, Engineering and the Environment** with world-class rankings for leading research in the areas of Mathematical Sciences, Pure Mathematics, Applied Mathematics, Chemical Sciences, Physical Chemistry (Including Structural), Environmental Sciences, Environmental Science and Management, Engineering, Chemical Engineering, Civil Engineering, Electrical and Electronic Engineering, Materials Engineering, Resources Engineering and Extractive Metallurgy and Urban and Regional Planning.

Welcome



The University of South Australia is a university of first choice for career-focused achievers. We provide the widest range of degree programs in South Australia and have a reputation for excellence in our four faculty divisions. At the University of South Australia, some of the world's

brightest minds teach and research in the areas of business, education, arts and social sciences, health sciences and information technology, engineering and the environment.

In the 2010 QS World University rankings, the University of South Australia recorded the biggest increase for an Australian university and we are now in the top 3 per cent of more than 10,000 universities in the world.

The quality of our teaching is regularly recognised by awards such as Citations for Outstanding Contributions to Student Learning, and two of our academics have won the nation's highest honour for university teachers, the Prime Minister's Award for University Teacher of the Year.

It's that quality teaching that helps our graduates in their careers; in 2010 almost 80 per cent of the University's domestic bachelor graduates secured full-time employment, which is above the national average.

Besides providing a high-quality teaching environment, the University of South Australia is a research leader. Our research institutes address research questions in a range of priority areas, including community sustainability, population health, defence and security, minerals science and business.

We have recently had proof that we are on the right track. The first Excellence in Research for Australia assessment – an official national evaluation of the quality of research – showed that 70 per cent of our assessed research is of world-class standard and in several areas we have built research that is performing well above world-class levels. The University's research informs our teaching and learning activities.

As a student at the University of South Australia you will have a world of opportunities open to you: you will be able to develop a capacity for critical and independent thinking; learn the value of research; develop the most up-to-the-minute knowledge of your chosen profession and learn the essential skills in communication and teamwork that will help you forge a successful career.

I wish you luck in all your academic endeavours.

Professor Peter Høj

Vice Chancellor and President

Environmental Science and Geospatial Science

The Bachelor of Environmental Science focuses on the interaction of human society with the natural environment, through land and biodiversity conservation as well as traditional park management. The degree offers a systems approach to environmental management and the use of technologies such as geographical information systems and statistics. Students undertake a set of core courses and then take electives from both the environmental area and from disciplines beyond those offered by geospatial and environmental management staff.

Geospatial Science examines the measurement, management, analysis and display of geospatial information. This information is then used to describe the Earth, its physical features and the built environment.

The new Bachelor of Geospatial Science offers students a blend of Geospatial Science fundamentals including, Environmental Management and Modelling. The program offers students the opportunity to engage with industry experts through a series of guest lecturers.

Students from the Bachelor of Environmental Science choose four environmental electives from themes in biodiversity, human dimensions of environment, landscapes and geospatial science. Two additional electives are taken from a broader list.

In the Bachelor of Geospatial Science focus is placed on spatial science courses.

For more information please visit unisa.edu.au/enviro

Why Study Environmental Science and Geospatial Science at UniSA?

The School of Natural and Built Environments

The School of Natural and Built Environments focuses on the unique relationships and synergies between natural and built environments, with a particular interest in teaching and research to support improved environmental and socioeconomic sustainability for the future.

A Geospatial Science and Environmental Science education at UniSA reflects a broad approach to the concept of environmental sustainability and geospatial science. UniSA has designed programs specialising in different areas of environmental management and sustainability with strong field work components and an industry focus. Employment of graduates is high and an honours year is also available to eligible students.

Common First Year

When you enrol in our programs you're able to keep your options open.

The Bachelor of Geospatial Science and the Bachelor of Environmental Science share a common first year giving you the opportunity to learn aspects of each degree before deciding which career path you would like to pursue.

Field Trips and Student Experience

Geospatial Science and Environmental Science offers students the opportunity to translate their theoretical knowledge into hands-on experience through a series

of field trips. To find out more information please visit our Facebook page for more information. Search for 'Enviro Science at UniSA'.

Scholarships

The School offers a range of scholarships not only designed to help with the cost of tertiary education, but also to provide valuable work experience opportunities for overseas travel. New scholarships are constantly being developed, so please review the UniSA scholarship web page regularly. For more information on scholarships and selection criteria please visit unisa.edu.au/scholarship

Double Degrees with Law

Double degrees can provide you with a wider perspective into the profession of law. Double degrees may lead graduates into non-traditional legal pathways where they provide legal advice whilst working in their specialised field of study. For more information please refer to the Law discipline brochure.

Flexible Pathways to a Career in Surveying

The Bachelor of Geospatial Science and the Bachelor of Environmental Science are pathways to the Master of Surveying. Students within the Environmental Science degree will need to take up courses in mathematics and physics to be eligible for entry into this pathway. The Master of Surveying is designed to develop students who possess the theoretical background, professional ethics and practical skills necessary to undertake professional

land surveying measurements and analysis. Please note the Master of Surveying is only open to domestic students.

Graduates of the Bachelor of Geospatial Science program will be eligible for membership of the Surveying and Spatial Sciences Institute (SSSI), with the vast majority gaining full time employment within three months of graduating. For further information on surveying and pathways visit: unisa.edu.au/surveying

Global Experience

UniSA's Global Experience program is available to all undergraduate students enrolled at UniSA and counts towards your degree. Expand your knowledge through networks, workshops and a range of activities including volunteering, language studies, mentoring and going on exchange. For more information please visit: unisa.edu.au/globalexperience

Student Exchange

Going on exchange contributes to students' personal and academic development and is considered favourably by many employers. UniSA provides scholarships of at least \$2500 for eligible students to take up exchange opportunities. For more information please visit unisa.edu.au/exchange

City East and Mawson Lakes campuses

These programs are located across two campuses – in the heart of Adelaide at the City East Campus and at the expanding and vibrant suburb of

Mawson Lakes on the northern fringe of the City. As part of the Division of Information Technology, Engineering and the Environment, the School offers applied and relevant programs that take students out of the classroom and into the field.

For more information please visit unisa.edu.au/enviro

Visit us on Facebook

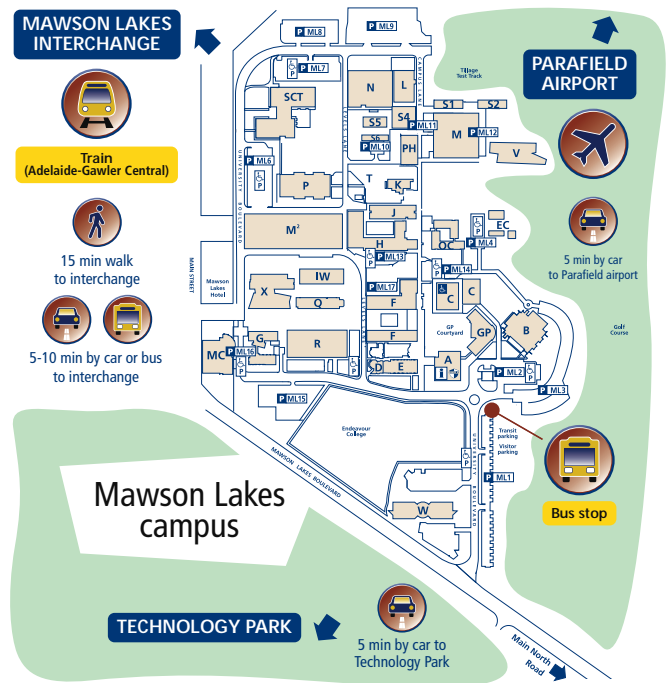
You can ask questions and look at our current pictures and videos. Search for "Enviro Science at UniSA" or "Geospatial Science at UniSA" .



Mawson Lakes campus

Mawson Lakes campus is part of the flourishing technology hub of the Northern Region, which offers the perfect blend of education and research for community, business and government, creating a vibrant and innovative nexus to support economic, social and environmental development. Over \$73 million has been invested into our new state of the art science and technology facilities.

The Mawson Interchange integrates bus and passenger train services. It provides direct, rapid access for park-n-ride commuters, pedestrians and cyclists from the Mawson Lakes town centre and the University.



unisa.edu.au/visitMawsonLakes

City East campus

City East campus is just minutes away from public transport and the city centre.



unisa.edu.au/visitCityEast

Bachelor of Environmental Science

May Information Sessions

Mawson Lakes campus: Wednesday 25 May

For more information and to register visit

unisa.edu.au/mayinfosessions

Open Day 2011

City West campus: Sunday 21 August

For more information visit

unisa.edu.au/openday

Festival of Innovation

Mawson Lakes campus: Sunday 25 September

For more information visit

unisa.edu.au/innovation

unisa.edu.au/enviro

SATAC code	434921
UniSA program code	LBVT
CRICOS code	
(international students only)	070414J
ATAR (February 2011 cut-off)	61.90
Program length	3 years
Prerequisites	None
Assumed knowledge	None
Home campus	Mawson Lakes and/or City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth supported
Program fees (international students only)	(A\$) 23,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The growing interest in our environment reflects the importance of this issue in everyone's future. The development of new government services, both local and interstate, private businesses and community activities is indicative of this interest and of its future growth expectations. As a consequence, there is now a growth in career options for those wishing to work in the environmental sciences and especially in conjunction with

management of geospatial data. The Environmental Science degree seeks to capture the knowledge base in this broad and exciting area and prepare you for any one of a number of careers in environmental sustainability. This program stands out in the field of environmental degrees through our unique approach to teaching.

This program integrates a broad knowledge base across disciplines such as ecology, soil science, geography and human dimensions of environment.

The coursework component will focus on critical thinking which will help you solve complex environmental problems while the field trips will give you hands on experience.

What will I study?

You will undertake in depth examinations of relevant topics in ecology, earth science and human dimensions. You will master the basic skills of GIS and develop your problem solving capabilities using bush skills developed on the many field trips offered through the program. There is also an overlap between specialist areas and you can customise your degree towards an area of interest. Further flexibility is offered through a choice of electives that can be taken in the second and third years. Professional work experience undertaken during the degree ensures you have the opportunity to apply your knowledge and skills in the workplace and at the same time develop professional connections. Students of this program are given the opportunity to participate in a variety of field studies, including interstate and international options.

What does it take?

There are no pre-requisite courses for this program, however completion of one or more of the Year 11 or 12 subjects of sustainable futures, biology, or geography would provide good grounding.

Bringing about real change in the way society interacts with the environment requires not only knowledge but the ability to encourage community participation and coordinate community activities. You should have an enthusiasm for working in natural environments and in practical situations.

This should be underpinned by a genuine concern for the environment and a commitment to playing an important role in its sustainable management. Involvement in clubs and societies or participation in voluntary work in the community develops vital communication skills. Similarly, an interest in activities such as hiking or orienteering shows an ability to apply problem-solving and analytical skills in practical settings.

There is a highly supportive learning environment, with dedicated, internationally experienced staff and high levels of student satisfaction with teaching quality. Extensive online materials are provided to support on-campus activities. Our students are typically enthusiastic and passionate, which makes the academic environment very friendly, positive and motivating.

Who will employ me?

Students will graduate with the skills and knowledge to enter a diverse range of careers in natural, rural and urban environments, both locally and internationally.

Completion of this degree can lead to a career in the government sector including: environment and natural resources; parks services; water; forestry; local councils; fisheries; education; primary industries; and in related private sectors including: nature based tourism businesses; the agricultural, horticultural and pastoral industries; non-profit environmental and conservation organisations; Landcare groups and Aboriginal land councils.

Graduates of this degree may also find employment in the mining industry and in organisations ranging from urban planning consultants, through mapping companies to agricultural and environmental consultants. Some of our previous graduates have found employment in Government Departments such as SA Dept for Environment and Natural Resources, Environmental Protection Authority, and the SA Department of Water; and in private companies such as Sinclair Knight Merz, Aerometrix and URS Asia Pacific. Jobs are varied and include Conservation Programs Manager; Animal and Plant Control Board Officer; Project Officer Biological Survey and Monitoring; Regional Ecologist; Seed Conservation Research Officer; Threatened Species Officer; Park Ranger; Fire and Environment Program Officer; Natural Resource Management Officer; Development and Assessment Officer; Environmental Officer; Environmental Policy Officer; Environmental Scientist; Planning Officer; Waste; Animal and Plant Control Consultant; Pasture Research Officer; Education Officer; Industry Sustainability and Environmental Consultant.

Honours

Students completing this degree with an average GPA of 5.0 or above are eligible to apply for admission to the Bachelor of Sustainable Environments (Honours) degree offered by the School of Natural and Built Environments.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Landscape Fundamentals

Biodiversity for the Environment

Geospatial Information Science

Environment: A Human Perspective

Second Half

(Study Period 4, 5 or 6)

Sustainable Ecosystems

Environmental Analytical Methods

Soils in the Australian Landscape Land Use Planning

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Ecology

Geospatial Data Acquisition and Analysis

Environmental Conflict and Public Consultation

Professional Enrichment Elective

Second Half

(Study Period 4, 5 or 6)

Global Experience

Professional Development

Environmental Policy and Regulations

Integrated Field Studies

Environmental Elective 1

THIRD YEAR

First Half

(Study Period 1, 2 or 3)

Aboriginal Australia N

Environmental Interpretation

Environmental Elective 2

Elective 1

Second Half

(Study Period 4, 5 or 6)

Landscape Hazards and Disasters

Environmental Elective 3

Environmental Elective 4

Elective

ENVIRONMENTAL ELECTIVES

First Half

(Study Period 1, 2 or 3)

Coastal Environments

Ecotourism, Sustainable

Environments and Community

Environmental Remote Sensing

Geomatics

Park and Wilderness

Management

Restoration Ecology

Second Half

(Study Period 4, 5 or 6)

Engineering and

Environmental Geology

Ecosystem Resources

Conservation Biology

Geospatial Exploration

Sustainable Development:

A Global Perspective

Geolab

Australian Field Study

International Field Study

ELECTIVES

First Half

(Study Period 1, 2 or 3)

Principles of Project

Management A

Invertebrate Biology 200

Comparative Planning

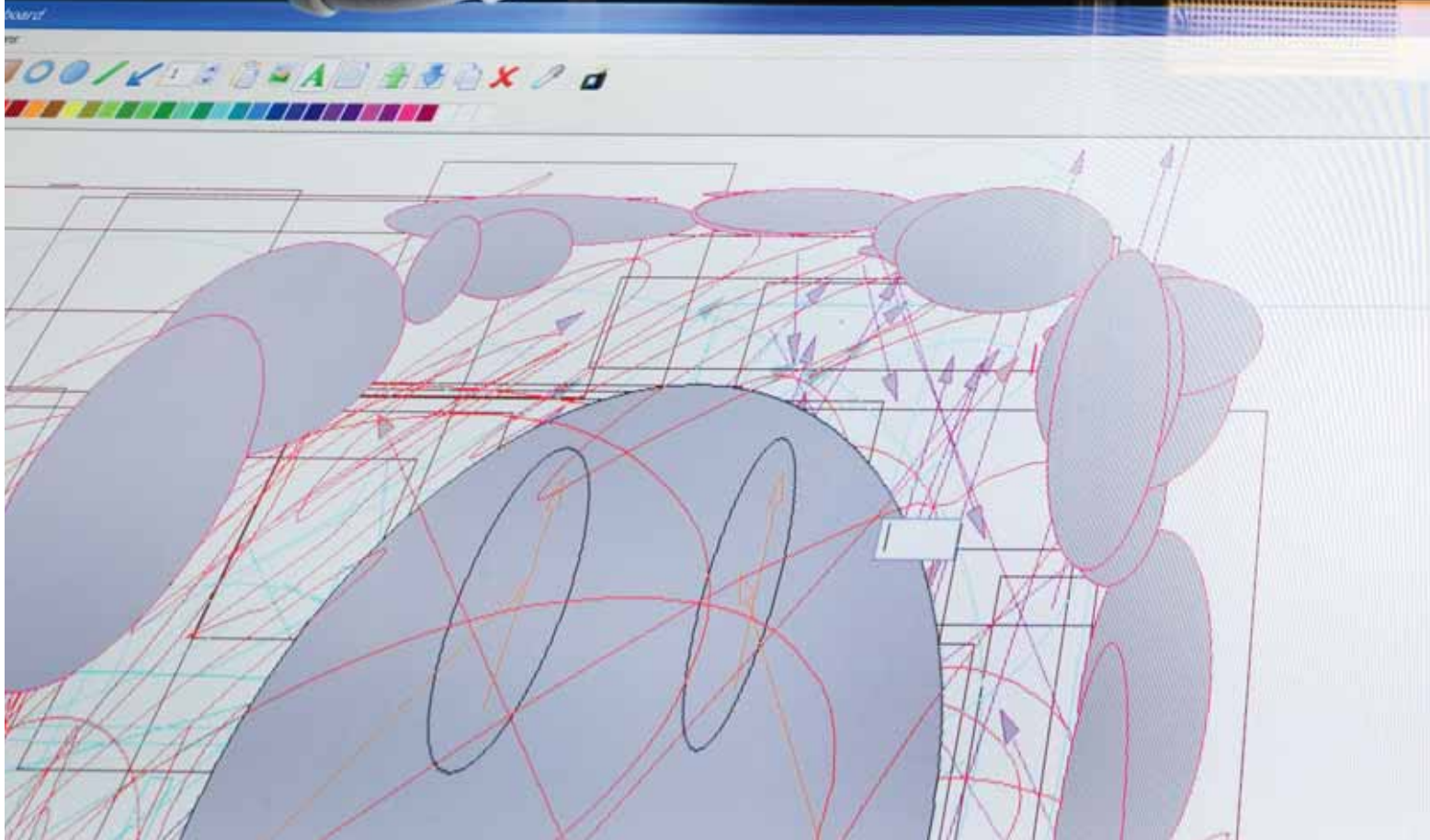
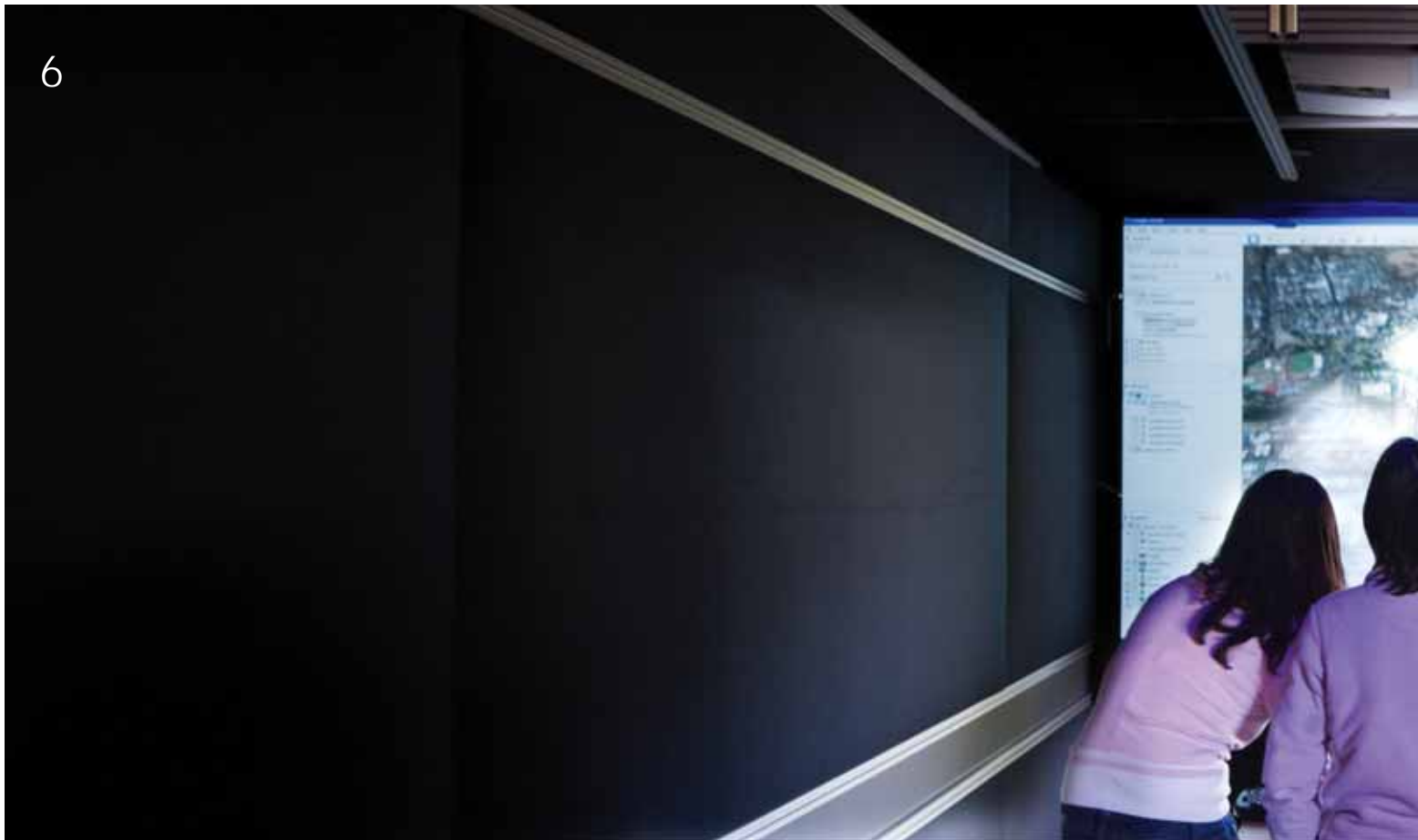
Second Half

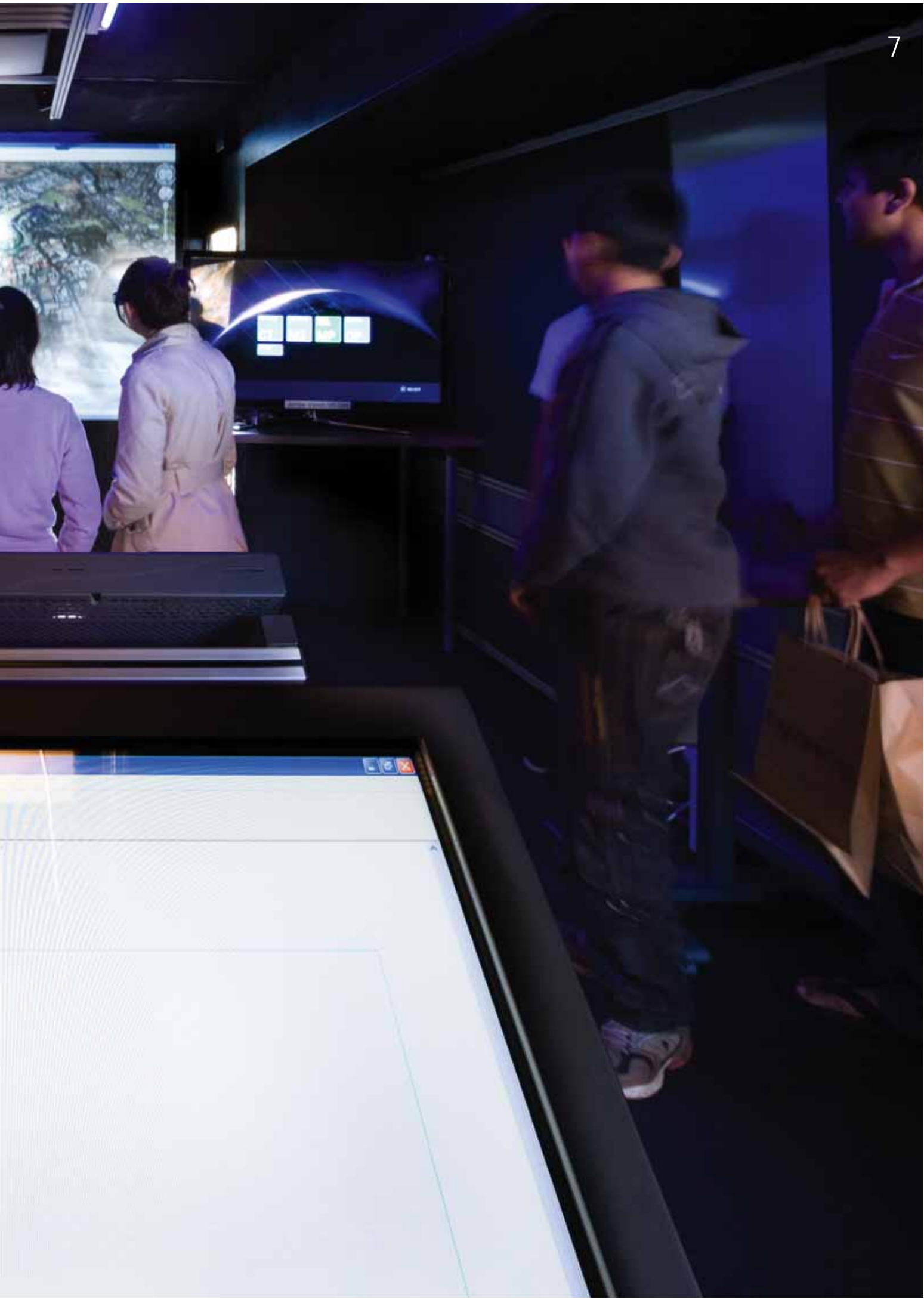
(Study Period 4, 5 or 6)

Water Quality Fundamentals

Vertebrate Biology 201

Infrastructure Workshop





Bachelor of Geospatial Science

May Information Sessions

Mawson Lakes campus: Wednesday 25 May

For more information and to register visit

unisa.edu.au/mayinfosessions

Open Day 2011

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Festival of Innovation

Mawson Lakes campus: Sunday 25 September

For more information visit

unisa.edu.au/innovation

unisa.edu.au/enviro

SATAC code	434981
UniSA program code	LBSP
CRICOS code	
(international students only)	n/a
ATAR (February 2011 cut-off)	n/a
Program length	3 years
Prerequisites	SACE Stage 2 Mathematical Studies
Assumed knowledge	SACE Stage 2 Physics
Home campus	Mawson Lakes
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth supported
Program fees	
(international students only)	(A\$) \$24,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The Bachelor of Geospatial Science offers a blend of the fundamentals of geospatial science with applications in environmental management and modelling. This three year program shares a common first year with the Bachelor of Environmental Science enabling internal transfer between programs at the beginning of second year.

The program then focuses on the various elements of geospatial science (GIS, remote sensing, mapping and land surveying). Courses in Mathematics and Applied Physics lay a base for students who wish to progress to a career in Land Surveying and to assist with complex modelling issues.

For domestic students the Bachelor of Geospatial Science

is recognised as suitable entry to the Master of Surveying program.

What will I study?

The program shares a common first year (8 courses) with the Bachelor of Environmental Science (LBVT), and also shares an additional nine core courses and an elective course with the Environmental Science program.

In second and third year students take core courses in Mathematics, Physics as well as further courses in Geospatial Information Science. Other relevant courses from the Bachelor of Environmental Science such as Engineering and Environmental Geology, Integrated Field Studies and Aboriginal Australia are also taken. By the end of third year students will be well prepared to enter the geospatial industry or continue on to take the Master of Surveying and enter the land surveying industry.

The program will prepare graduates for the workplace by placing an increasing emphasis on project based assessment and problem solving from the first year through to the final year.

Guest lectures, presented by members of the geospatial profession, will be provided in most core geospatial courses. This provides exposure to professional scenarios and encourages your involvement in the profession. Additionally you are encouraged to engage with the Global Experience Program. This program gives students the opportunity to network effectively with people from different linguistic and cultural backgrounds in their personal and professional life.

What does it take?

This program will suit those who have a strong interest in the environment and surveying. Students should enjoy mapping and field work, finding effective solutions to environmental and geospatial problems and working with others in hands-on and applied project scenarios.

Who will employ me?

Graduates from the Bachelor of Geospatial Science will find employment in the GIS or Spatial industry as officers in GIS and spatial analysts working for local, state and federal government departments, as well as in private spatial consultancies and mining companies.

Honours

Students completing this degree with an average GPA of 5.0 or above are eligible to apply for admission to the Bachelor of Sustainable Environments (Honours) degree offered by the School of Natural and Built Environments.

Program requirements**FIRST YEAR****First Half****(Study Period 1, 2 or 3)**

Landscape Fundamentals

Biodiversity for the Environment

Geospatial Information Science

Environment: A Human

Perspective

Second Half**(Study Period 4, 5 or 6)**

Sustainable Ecosystems

Environmental Analytical

Methods

Soils in the Australian Landscape

Land Use Planning

SECOND YEAR**First Half****(Study Period 1, 2 or 3)**

Applied Physics 1

Geospatial Data Acquisition

and Analysis

Environmental Conflict

and Public Consultation

Geomatics

Second Half**(Study Period 4, 5 or 6)**

Global Experience

Professional Development

Maps and Coordinate Systems

Integrated Field Studies

Mathematical Methods

for Engineers 1

THIRD YEAR**First Half****(Study Period 1, 2 or 3)**

Aboriginal Australia N

Environmental Remote Sensing

Plane Surveying

Elective

or University-wide Elective

Second Half**(Study Period 4, 5 or 6)**

Engineering and

Environmental Geology

Geospatial Exploration

Civil Engineering Practice

Elective

or University-wide Elective

Elective

ELECTIVES**First Half****(Study Period 1, 2 or 3)**

Ecology

Coastal Environments

Principles of Project

Management A

Second Half**(Study Period 4, 5 or 6)**

GeoLab

Water Quality Fundamentals

Australian Field Study

OR International Field Study



Bachelor of Sustainable Environments (Honours)

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Open Day 2011

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Mawson Lakes campus: Sunday 25 September

For more information visit

unisa.edu.au/innovation

unisa.edu.au/enviro

SATAC code	4BH010
UniSA program code	LHST
CRICOS code (international students only)	065286K
ATAR (February 2011 cut-off)	n/a
Program length	1 year
Prerequisites	A completed bachelor degree from a recognised higher education institution or equivalent with a GPA of 5.0 or more and evidence of research potential.
Assumed knowledge	None
Home campus	Mawson Lakes and/or City East
Accepts Special Entry (STAT)	No
External study available	No
Part-time study available	No
TAFE credit available	No
Honours study available	n/a
Program fees	Commonwealth supported
Program fees (international students only)	(A\$) 22,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Environmental sustainability is one of the biggest challenges we face in our global community. Organisations are conducting business within complex legal structures, while stakeholder demands are increasing and environmental performance expectations are becoming more

time-consuming. Many local and interstate organisations are now required to demonstrate proactive management of the environmental impacts of their business activities.

The program aims to prepare you for postgraduate research. This will be achieved by course work

that leads to a specific research project. The major theme of the program is a multi-disciplinary approach to research in the area of sustainability. Many research areas in sustainability are too complex for a single discipline to address. Two examples are water management and climate change. Each has aspects of engineering, ecology, earth science, planning, geospatial science, social science and economics.

Students entering this program will be well prepared in one of these disciplines. You will learn about how to integrate information from a variety of disciplines and may choose to work on a research topic that requires a multi-disciplinary approach or a more traditional discipline based project.

What will I study?

This program can be completed in one year of full time study. Courses include: Studies in Multi-Disciplinary Research, Directed Elective, Environmental Sustainability Research Project 1 and Environmental Sustainability Research Project 2.

What does it take?

The 36 unit program consists of 9 units of coursework related to multi-disciplinary research and 27 units of research methodology and thesis work including research and writing.

The first course of study, Studies in Multi-disciplinary Research will lead you from a single-discipline cognitive framework towards an understanding of what is required to participate in multi, trans, cross and inter disciplinary research.

A Directed Study is included in the program to strengthen or to provide additional skills needed to equip students for their particular research project. Research Project 1 provides training in the development of a research proposal, including literature review, methodology and plan and leads into Research Project 2 in which the research is implemented and reported.

Who will employ me?

Private enterprise (eg. Mining companies, manufacturing industries, etc.); federal, State and Local government agencies such as EPA, Environment and Heritage; engineering and environmental consultancies.

Additional notes

This program has the following prerequisites: A completed Bachelor degree from a recognised higher education institution or equivalent with a GPA of 5.0 or more and evidence of research potential.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Studies in Multi-
Disciplinary Research

Directed Elective

Environmental Sustainability
Research Project 1

Second Half

(Study Period 4, 5 or 6)

Environmental Sustainability
Research Project 2



Carmel Sutcliffe

Graduated – Bachelor of Sustainable
Environments (Honours)

'I enjoyed being able to direct my own research project and having the time to develop an in-depth understanding of my research topic. I liked the balance between taking courses and self-directed research, and the opportunity to engage members of the community in my research project.

Conducting field work within a community setting was a significant learning experience. I also attended conferences and workshops throughout the year that were valuable for networking, understanding the academic profession and for my own research project. I also spent one semester as an international exchange student at Helsinki University of Technology (now called Aalto University School of Science and Technology) in Finland.

By choosing a research a topic you are passionate about, that passion will serve as motivation. In the future, I hope to begin a PhD and expand my research interests and experience.'

Entry requirements

For Undergraduate Bachelor Degrees and Associate Degrees

Applicants are required to have:

- » Completed SACE;
- » Completed at least 80 credits of SACE at Stage 2 of which 60 must be Tertiary Admission subjects (TAS) and the other 20 either TAS, Recognised Studies or a mix of the two;
- » Completed any prerequisites for your chosen program;
- » Obtained a competitive ATAR;
- » Completed interstate or overseas qualifications that the University considers equivalent to the SACE;
- » Completed the International Baccalaureate Diploma;
- » Completed or partly completed a recognised higher education program at a recognised higher education institution;
- » Completed at least four Open Universities Australia (OUA) courses at the appropriate level;
- » Completed an award from TAFE or from another registered training organisation at AQF Certificate IV or above;

- » Qualified for Special Entry and completed the Special Tertiary Admissions Test (STAT). A personal competencies statement and/or employment experience may also be considered;
- » Completed the University Foundation Studies program.

Please note that some programs have prerequisites. Applicants should check all entry requirements before applying. For some programs, applicants may also be required to attend an interview or present a folio.

For more information on entry requirements, visit unisa.edu.au/future

Participation and Access

UniSA offers various programs and services to assist rural and/or socio-economically disadvantaged students, Indigenous Australians and people with a disability. For more information, contact (08) 8302 2376 or 1300 UNINOW or email study@unisa.edu.au

UniSA Advantage

UniSA Advantage is a bonus points scheme that encourages participation in education as well as rewards achievement in selected Year 12 subjects that better prepare students for university study. The scheme includes two strands – **Achievement and Aspire**.

Achievement bonus points will automatically be awarded if students score a C or better in Year 12 Tertiary Admission Subjects (TAS) relevant to their intended UniSA program. Find out more here www.unisa.edu.au/future/year12/bonuspoints

Aspire bonus points are awarded automatically to students who attend a school recognised by UniSA as 'under represented' with respect to students going on to higher education. Students from rural and remote areas are also eligible for automatic bonus points while those students on School Card (or state equivalent) and/or Youth Allowance, and do not attend a recognised school, can apply for bonus points by downloading an application form at unisa.edu.au/future/year12/bonuspoints

For more information, visit unisa.edu.au/future/year12/bonuspoints. You can also contact Future Student Enquiries by phone (08) 8302 2376 or 1300 UNINOW (local call cost) or email study@unisa.edu.au

Student contributions

Student contributions are the amount you pay towards the cost of your program. The University determines the amount that you contribute within a range set by the Australian Government. The contribution that applies depends on which courses you choose to study and the contribution band in which those courses are classified. The amount of your student contribution also depends on the unit value of your courses of study (the equivalent full-time student load (EFTSL) value of the course).

As per the Australian Government guidelines, the student contribution amounts for 2011 are:

Band	Fields of study	Student contribution
National priorities	Mathematics, statistics, science	\$0 – \$4,355
Band 1	Humanities, behavioural science (including clinical psychology), social studies, foreign languages, visual and performing arts, education, nursing	\$0 – \$5,442
Band 2	Computing, built environment, health (allied health and other health), engineering, surveying, agriculture	\$0 – \$7,756
Band 3	Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce	\$0 – \$9,080

Note: These amounts are for 1 EFTSL in 2011. The student contribution amounts for 2012 will be advised by the Federal Government in October 2011, and these will be available to view via unisa.edu.au/future/fees at that time.

Glossary

WHAT WILL YOU STUDY?

Associate degree

An award for completing a two-year (or part-time equivalent) tertiary program.

Direct Entry

Programs for which applications are not processed through SATAC but are made direct to UniSA.

Bachelor degree

A program of three or more years duration (or part-time equivalent). Bachelor degree programs provide the relevant qualifications for many professions.

Honours

An additional year of study in a Bachelor degree during which students specialise in a chosen area of study. In some cases, Honours study can actually be done as part of the degree.

Graduate Certificate

An award for completing a postgraduate program of at least six months in duration (or part-time equivalent).

Graduate Diploma

An award for completing a postgraduate program of at least one year in duration (or part-time equivalent).

Master degree

A postgraduate degree undertaken after completion of a Bachelor degree (normally with Honours) which focuses on one area of specialisation.

PhD

Doctor of Philosophy (PhD) programs normally extend over three years (or part-time equivalent) and involve significant research work.

HOW DOES YOUR PROGRAM WORK?

Major

A set of related courses which comprises 36 units of study within a Bachelor degree.

Sub-major

A set of related courses which comprises between 19 and 35 units of study within a Bachelor degree. In some programs these may be called 'general studies sub-majors'.

Minor

A set of related courses which comprises up to 18 units of study within a Bachelor degree. In some programs these may be called 'cognates'.

Program

Award in which you are enrolled, eg Bachelor of Arts.

Course

A component of study within a program (previously known as a 'subject').

Unit

A value assigned to a course which measures the amount of work involved in that course. Full-time students normally undertake 36 units of study per year (18 units per study period).

UNISA GLOSSARY

Assumed knowledge

Some first-year courses require knowledge of certain SACE Stage 2 subjects.

Free Electives

A course chosen from any on offer outside your Division, provided that individual course prerequisites are met. Free elective courses are designed to broaden your knowledge and skills beyond your professional field of study.

CRICOS code

Code identifying that a UniSA program has been registered on the Commonwealth Register of Institutions and Courses for Overseas Students (CRICOS).

Division

UniSA is split into four academic Divisions – Business; Education, Arts and Social Sciences; Health Sciences; and Information Technology, Engineering and the Environment – each offering a range of specialised programs and courses.

Prerequisites

Are SACE Stage 2 (Year 12) subjects, or equivalent qualifications which are required for admission into the program.

SACE

Is the South Australian Certificate of Education or a recognised equivalent qualification.

SATAC Guide

A publication that lists every program offered by South Australian higher education institutions. The SATAC Guide provides information about the selection process, includes instructions on how to apply and is available every year from newsagents Australia-wide.

Special Entry (STAT)

Special Tertiary Admissions Test (STAT) is an alternative tertiary admissions test for people who do not have a recent Year 12 certificate.

ATAR (Australian Tertiary Admission Rank)

A ranking of all students who have completed SACE in a particular year. The minimum ATAR required for the previous year is often a guide to how well you will need to perform to gain entry into a particular program. ATARs can vary from year to year and should be used as a guide only.



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CRICOS provider number 00121B

Information correct at time of printing, April 2011.