



THE UNIVERSITY
of ADELAIDE

2012

POSTGRADUATE RESEARCH PROSPECTUS





Message from the Vice-Chancellor and President

As one of Australia's leading Group of Eight research-intensive universities, the University of Adelaide contributes significantly to the wealth and well-being of the nation. We have a long tradition of exemplary scholarship, influential graduates, innovation and groundbreaking research.

The strong focus on research creates an exciting and stimulating environment for our postgraduate students. You will be working with staff who are among the world's best in their fields, mixing with other postgraduates from all areas of the globe, and benefiting from high-quality facilities.

Your decision to undertake postgraduate research at the University of Adelaide is a decision to further your career in an environment that pursues excellence, values creativity, and gives its graduates the opportunity to make an impact on the world.

Professor James A. McWha
Vice-Chancellor and President

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DISCLAIMER

The information contained in this publication is correct at the time of printing but may be subject to change without notice. The University of Adelaide assumes no responsibility for the accuracy of information provided by third parties.

Please note that due to continual improvement, staff availability and student demand, the precise number of courses (and their unit value) to be offered in any one year may vary. Courses are subject to such quotas as may need to be imposed.

Published June 2011
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CRICOS Provider Number 00123M

EDUCATION SERVICES FOR OVERSEAS STUDENTS ACT

The *Education Services for Overseas Students (ESOS) Act 2000* provides consumer protection to international students studying in Australia. The Commonwealth Government is committed to ensuring that students receive quality tuition, are treated fairly regarding payment of tuition fees and receiving refunds, and be offered support services to assist them to settle into Australia and complete their studies.

This law also requires that the University assist the government to check that international students comply with their visa conditions, and advise the Department of Immigration and Citizenship (DIAC) if its students breach their visa conditions.

More information is available on the University's ESOS website at www.adelaide.edu.au/esos



THE UNIVERSITY OF ADELAIDE

The University of Adelaide is an innovative and forward-looking university, and an Australian leader in research, with major strengths in agricultural sciences, physical sciences, health and biomedical sciences, mineral and energy resources, environmental sciences and social sciences.

Since its establishment in 1874, the University has developed a reputation for excellence in teaching, learning and research. The University is associated with five Nobel Prize winners, has produced 104 Rhodes Scholars and 104 Fulbright Scholars, and is a member of the Group of Eight—Australia's leading research-intensive universities.

With more than 22,000 students and over 3,000 staff, the University is small enough to provide personal interaction with teaching and research staff, yet large enough to offer a broad range of programs and student support services.

At the heart of the University's vision is a belief that the experience of the student is fundamental, and that research and high quality teaching have a symbiotic relationship that underpins and characterises the finest universities in the world.

The University of Adelaide is committed to producing graduates recognised worldwide for their creativity, knowledge and skills, as well as their culture and tolerance.

An International Outlook

The University of Adelaide is strongly committed to international education. It admitted its first international students more than 60 years ago.

Today, over 6,000 international students from more than 90 countries make up approximately 28 per cent of the student population, including students enrolled in the Ngee-Ann Adelaide Education Centre in Singapore. This

is a partnership between the University of Adelaide and the Ngee-Ann Kongsi, a highly respected and long established foundation actively involved in educational, cultural and welfare activities in Singapore.

The University accounts for 28 per cent of international enrolments in all South Australian higher education providers (DEEWR Higher Education Statistics, 2009).

A truly international outlook requires two-way exchange, and the University works to ensure that the many informal linkages that exist between its academic staff and their colleagues worldwide are complemented by a series of formal relationships with other universities, government bodies, non-government organisations and industry groups.

The University has a significant number of linkages with academic institutions spread across approximately 502 countries, including student and staff exchange agreements and memoranda of understanding for academic cooperation and research.

Quality Facilities and Resources

The University of Adelaide is one of the best-resourced higher education institutions in Australia, with a wide range of facilities, including modern lecture theatres, state-of-the-art laboratories and computer suites, and an outstanding library with over two million items.

The University's strong reputation for providing quality face-to-face instruction is backed up by excellent electronic resources, including universal student email, wireless internet access, worldwide database access and extensive online teaching tools.

Cultural and recreational pursuits are also well catered for, with expansive sporting

grounds, arts venues, a variety of retail outlets and many acres of open space.

For more information, visit: www.adelaide.edu.au/its/student_support and www.adelaide.edu.au/student/current

A Global Alumni Network

Graduates of the University of Adelaide become part of a distinguished alumni community that extends around the world. Internationally, University of Adelaide alumni occupy positions of influence in business, government, academia and the arts. Some of the University's notable early graduates include penicillin pioneer Howard Florey and the youngest ever recipient of the Nobel Prize for Physics, Sir Lawrence Bragg (refer to page 15).

Present day achievers include NASA astronaut Dr Andy Thomas; joint winner of the 2005 Nobel Prize for Physiology or Medicine J Robin Warren; Y B Datuk Seri Panglima Joseph Pairin Kitingan, former Chief Minister of Sabah; internationally recognised research scientist Dr Ines Atmosukarto, winner of the 2009 Australian Alumni Award for Research and Innovation, and now Chief Executive Officer at biotech company, Lipotek; and the chairman of the OCBC Bank in Singapore, Dr Cheong Choong Kong.

The University has 20 alumni chapters and networks, including groups based in Hong Kong, Malaysia (Kuala Lumpur and Sarawak), Singapore, Thailand, the United Kingdom, and the United States of America. These chapters and networks offer graduates and friends of the University the opportunity to continue their connection through a variety of events and activities, from reunions and social events to professional development and mentoring programs.

For more information on the University of Adelaide's alumni network, visit: www.alumni.adelaide.edu.au



ASSOCIATED WITH
NOBEL PRIZE
WINNERS

5



PRODUCED
104
RHODES
SCHOLARS



REGULARLY RANKED
IN TOP
1%
OF UNIVERSITIES
WORLDWIDE



PRODUCED
104
FULBRIGHT
SCHOLARS



3rd
OLDEST
UNIVERSITY
IN AUSTRALIA



5 STARS FOR
STAFF-STUDENT RATIO
RESEARCH GRANTS
RESEARCH INTENSIVENESS
STUDENT DEMAND

*The Good Universities
Guide 2011*

RESEARCH STRENGTHS

Research has always been a cornerstone of the University of Adelaide. Our research programs offer outstanding opportunities to researchers and students from across the world, eager to learn and work at one of Australia's most respected institutions.

Insight into the exact nature of the research topics and areas of interest in specific faculties, schools and disciplines can be found on our website. However, as a means of introducing the reality of research at the University of Adelaide, it is useful to have a broad outline of the University's research and its national and international profile and standing.

The University of Adelaide is a member of the Group of Eight (Go8) universities. The Go8 are Australia's most prestigious universities and are the destination of choice for Australia's most talented students and academics.

The University of Adelaide is one of the top universities in Australia in terms of research output, research funding and quality of postgraduate research experience. Indeed,

this University is one of the highest earners of research funding per researcher in Australia.

However, research is not just about numbers; it is also about experience, and research students are an integral part of the research life of the University. Well-trained and engaged research students are vital to maintaining a healthy research culture, and as such the University of Adelaide provides a challenging and supportive environment in which to achieve a research qualification.

We have major research strengths in many areas including, but not confined to, reproductive health and early childhood development, animal and plant functional genomics, sustainable resource management, and advanced engineering sensing and control.

The academic structure is based on a faculty system, meaning that individual schools are located within larger faculty structures. This has significant benefits for researchers because it enables them to engage in

researching multi-disciplinary subject areas, such as defence, water, healthy development, and climate change.

The University also has a number of innovative research institutes and centres, and employs many high-profile researchers working in a vast array of fields.

Outstanding Researchers

The University of Adelaide is home to high-profile researchers with outstanding international reputations. These include an ARC Australian Laureate Fellow, a number of ARC Federation Fellows and two NHMRC Australia Fellows. More information about these scholars is available at: www.adelaide.edu.au/research/about/fellows

Each of these researchers enhances not only the reputation of the University of Adelaide as a world leader in research, but their experience also adds significantly to the nature of our research culture and the experience of our students. However, it is important to note that these Fellows are not the University of Adelaide's only research stars.

We have a large number of talented and innovative scholars spread across the University. For example, some of our researchers recently brought back to life the primary component of Siberian mammoth blood, using DNA preserved in bones over 25,000 years old, to show how mammoths survived the extreme Arctic cold.

In another part of the University, a team of scientists is developing tiny optical probes for use as an 'early warning system' for winemakers who want to check wine maturity without opening the barrel.

Meanwhile, our medical researchers have developed a genetic test that can predict which pregnancies are at risk of complications long before symptoms arise.

You can read more about the successes of our researchers at: www.adelaide.edu.au/research/our/success



The Robinson Institute

OUR RESEARCH EXPERTISE AND STRENGTHS

www.adelaide.edu.au/research/our

The University of Adelaide is one of Australia's most highly research-intensive institutions. As a member of the Group of Eight universities, we continue to enhance our research performance by investing in excellence, attracting high quality researchers, and providing training and opportunities for a new generation of researchers.

As a University with a strong research culture, we bring together researchers from diverse areas to work on some of the big challenges facing the world, such as food security, the sustainable management of our natural resources, developing new energy sources, genetic developments in health, reproductive medicine, and the use of lasers and optical systems for environmental modelling.

The University has a distinguished track record spanning basic research to commercial outcomes, and has major strengths in:

- Agriculture
- The Environment
- Health and Biomedical Sciences
- Social Innovation
- Mineral and Energy Resources
- Sensing and Computation
- Fundamental Disciplines

A detailed list of our research strengths is available at: www.adelaide.edu.au/research/our

Confirming many of our research strengths, the results of the first Excellence in Research for Australia (ERA) were released in 2011. The ERA is a Commonwealth Government initiative to assess the research quality at universities across Australia, using a combination of measures on researchers, research outputs, research income, reputation and other measures.

The University of Adelaide performed very well in most research areas, and saw outstanding results particularly in Sciences and Health Sciences. Just a few of the highlights of our ERA results included:

- 19 (86%) of our two-digit disciplines ranked at or above the ERA defined level of 'world standard'
- 60 (80%) of our four-digit sub-disciplines ranked at or above the ERA defined level of 'world standard'
- We scored 16 of the 18 sub-discipline '5' results (well above world standard) for South Australia
- We received the only '5' rating in Australia for Paediatrics and Reproductive Medicine
- We were one of only three universities nationally to receive a '5' rating in Agriculture and Veterinary Sciences

The full results for the 2010 ERA process are available at: www.adelaide.edu.au/research/about/ERA

Many of our research programs are also integrated into learning and teaching, giving our students the opportunity to work beside and learn from some of our most respected and innovative researchers.

For more information about research at the University of Adelaide, including application information and support services, visit: www.adelaide.edu.au/research-degrees



RESEARCH INSTITUTES AND CENTRES

Research Institutes

www.adelaide.edu.au/research/institutes_centres/institutes

The University has established a number of world-class research institutes in partnership with government and industry.

The institutes, comprising a research community of approximately 1,200 staff and students, bring together world leading researchers, supported by modern infrastructure and an innovative culture, to tackle state and national research priorities.

The research institutes provide an excellent training group for research Masters students, PhD students and postdoctoral workers.

The Robinson Institute

www.adelaide.edu.au/robinson-institute

Focus: Reproductive health, stem cell research and health across generations

Director: Professor Rob Norman

In collaboration with the Lyell McEwin Hospital, the Women's and Children's Hospital, the Royal Adelaide Hospital, the Queen Elizabeth Hospital and SA Pathology, the Robinson Institute comprises more than 350 research staff and students with expertise ranging from epidemiology through to molecular biology and genetics.

It encompasses four well-established research centres within the University of Adelaide.

- The **Research Centre for Reproductive Health (RCRH)** was established in April 2004, with the following key agendas: human and animal reproduction; gonadal function and gametogenesis; fertilisation and embryo development, implantation and placental development; pregnancy and fetal development; and female and male reproductive tract biology and contraception.
- The **Research Centre for Early Origins of Health and Disease (EOHaD)** is a leader in the investigation of the intergenerational and perinatal origins of

metabolic, cardiovascular, neurological and reproductive health in postnatal life.

- The **Centre for Stem Cell Research (CSCR)** uses research and knowledge in stem cells with an ultimate goal of generating applications in such areas as: stroke, cardiac and tissue repair; cystic fibrosis; leukaemia; inherited disorders; and transplantation medicine.
- The **Australian Research Centre for Health of Women and Babies (ARCH)** is a centre for maternal and perinatal research, helping women and babies in the following areas: care and lifestyle before, during and after pregnancy; childbirth intervention studies; indigenous and international maternal/perinatal health; and promoting and supporting evidence-based health care.

The result is highly-valuable, multidisciplinary research that opens up potential for significant medical advances.

The Environment Institute

www.adelaide.edu.au/environment

Focus: Management of natural resources under changing climate and economic conditions

Director: Professor Mike Young

The Environment Institute brings together leading research groups at the University of Adelaide in the field of science, engineering and economics. It aims to deliver knowledge and understanding to improve the management of natural resources such as water, soil, land and native flora and fauna against a backdrop of climate change.

It is composed of four centres and two programs.

- The **Australian Centre for Ancient DNA (ACAD)** is a world leader in the study of evolution and environmental change across time through the use of preserved genetic records from human, animal, plant and sedimentary remains.

- The **Australian Centre for Evolutionary Biology and Biodiversity (ACEBB)** investigates the systematics of Australia's flora and fauna using the latest genetic techniques.
- The **Marine Biology Program (MBP)** investigates the role of aquatic flora and fauna in the connectivity and ecology of rivers, estuaries, gulfs and open coasts.
- The **Centre for Energy Technology (CET)** develops technologies to reduce greenhouse gas and pollutant emissions from existing energy systems, while refining alternative energy sources to reduce the effects of climate change.
- The **Landscape Futures Program (LFP)** investigates how we can sustainably create vibrant and viable landscapes into the future through sound environmental management and monitoring.
- The **Water Research Centre (WRC)** investigates the use of water across three broad themes, namely climate change, process management and human health.

The Institute for Mineral and Energy Resources

www.adelaide.edu.au/imer

Focus: Petroleum engineering, mining engineering, petroleum and minerals geoscience, and geothermal energy

Director: Professor Stephen Grano

The Institute for Mineral and Energy Resources (IMER) is one of Australia's first interdisciplinary research institutes specifically designed to address one of the biggest challenges facing Australia—to continue to grow the economically critical mineral and energy resources industries in a technically, economically, socially and environmentally sustainable manner.

IMER addresses the complex research challenges faced by the mineral and energy sectors by providing integrated research, education, professional development and

Top: Institute for Photonics and Advanced Sensing (IPAS)
School of Chemistry and Physics

Bottom: The Plant Accelerator
The Australian Plant Phenomics Facility
Waite Campus

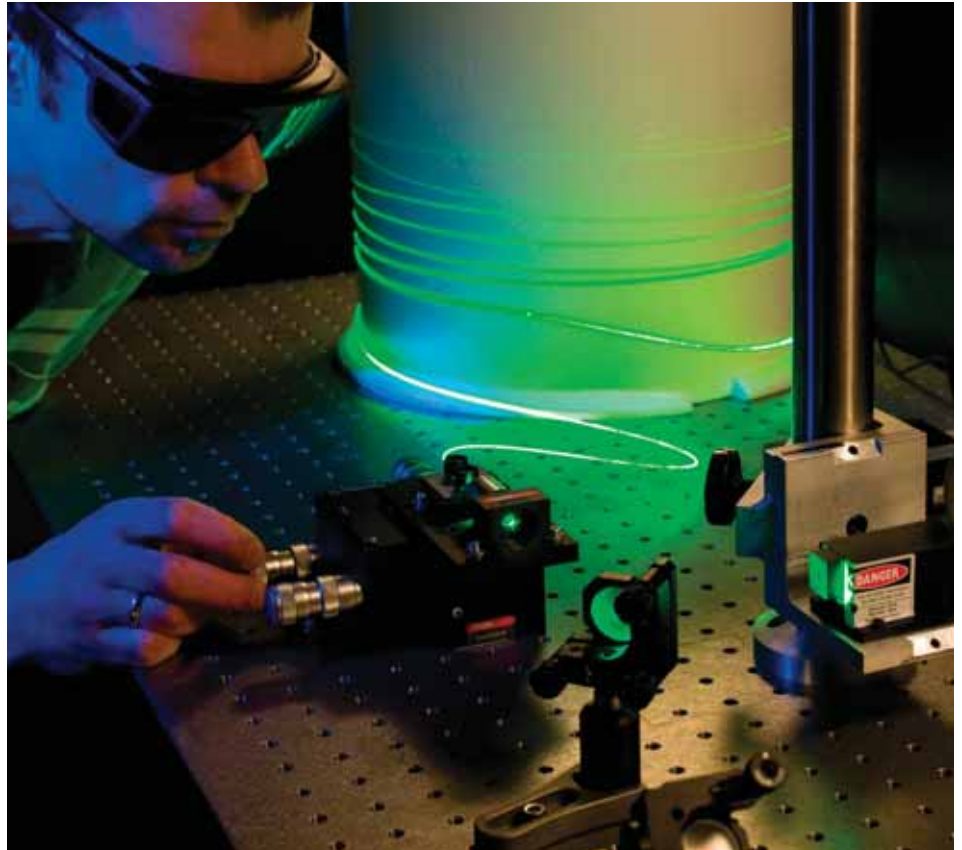
consulting services across all aspects of the mineral and energy resources industries, from exploration through processing to international trade.

The University of Adelaide is unique within Australia in having strong research and teaching groups in geology and geophysics, petroleum engineering and mining engineering.

IMER encompasses several research centres:

- The **Centre for Energy Technology (CET)** promotes and fosters research that will result in cleaner energy generation, storage, distribution and utilisation of energy. A strong team has been created from the four disciplines of Mechanical Engineering, Chemical Engineering, Electrical Engineering and Applied Mathematics. The Centre aims to support Australia's transition from a high to low CO2 emission society.
- The **South Australian Centre for Geothermal Energy Research (SACGER)** is a world class centre conducting research into enhanced geothermal systems and power systems that provide economically and environmentally viable delivery of geothermal energy, focusing on geothermal reservoir characterisation and geothermal reservoir simulation.
- The **Centre for Tectonics, Resources and Exploration (TRaX)** aims to become the foremost provider of University research and teaching in tectonics, resources and exploration in the nation. The Centre has a staff cohort of 30 people, with access to world-class analytical and geophysical facilities to understand the evolving Earth and its resource potential.

Across the University, leading researchers in economics, law, commerce, social science, environmental science, mathematics and project management enable IMER to address the complex inter-disciplinary research challenges faced by the sector.



The Institute for Photonics and Advanced Sensing

www.adelaide.edu.au/ipas

Focus: Optical fibres, lasers, luminescence, chemistry, proteomics and virology

Director: Professor Tanya Monro

The Institute for Photonics and Advanced Sensing (IPAS) brings together physicists, chemists and biologists to pursue a new transdisciplinary approach to science.

They are developing novel photonic, sensing and measurement technologies that will change the way science is done within traditional discipline areas, stimulating the creation of new industries, and inspiring a new generation of scientists to be engaged in solving real-world problems.

IPAS research targets applications in four key market areas:

- defence and national security
- environmental monitoring
- preventative health
- food and wine.

IPAS has been founded on the success of the Centre of Expertise in Photonics, a joint centre of the University of Adelaide and Defence Science and Technology Organisation (DSTO), and recognition of the importance that new forms of Advanced Sensing will play in the world.

Part of this recognition was the award of \$29M from the Commonwealth Government for the construction of a new facility to house IPAS. This has been further supplemented by \$5M from the Government of South Australia and other monies from DSTO etc.

The Waite Research Institute

www.adelaide.edu.au/wri

Director: Professor Roger Leigh

Focus: Plant and animal sciences, viticulture and oenology, agronomy, soil science and agricultural economics

The Waite Research Institute brings together researchers from a range of disciplines including plant biology, genetics, soil sciences, agronomy, clinical nutrition and agricultural economics.

They will pool their expertise to find solutions to major problems including meeting the challenge of ensuring global food security

and providing Australia's agricultural, wine and food industries with innovative research-led developments.

Key research centres are:

- Australian Centre for Plant Functional Genomics (www.acpfg.com.au)
- Australian Plant Phenomics Facility (the Plant Accelerator)
- Centre for Soil Plant Interactions
- FoodPlus Research Centre
- Wine Innovation Cluster.

National Research Centres

www.adelaide.edu.au/research/institutes_centres/national

The University is home to, or a significant participant in, the following National Research Centres funded by the Commonwealth Government and research organisations.

Australian Research Council (ARC)

The ARC is a statutory authority within the Australian Government's Department of Innovation, Industry, Science and Research (DIISR). Its mission is to deliver policy and programs that advance Australian research and innovation globally and benefit the community.

Centres of Excellence

- ARC Centre of Excellence in Plant Cell Wall Biology
- ARC Centre of Excellence for the History of Emotions
- ARC Centre of Excellence for Particle Physics at the Tera-Scale

National Centres

- Australian Centre for Plant Functional Genomics
- Australian Stem Cell Centre (partner)

Research Networks

- Environmental Futures Network
- Network in Genes and Environment in Development

National Health and Medical Research Council (NHMRC)

The NHMRC is Australia's peak body for supporting health and medical research; for developing health advice for the Australian community, health professionals and governments; and for providing advice on

ethical behaviour in health care and in the conduct of health and medical research.

The University holds a significant number of prestigious Programs Grants as well as the following:

NHMRC Centres of Clinical Research Excellence

- Centre of Clinical Research Excellence in Nutritional Physiology, Interventions and Outcomes
- Centre of Clinical Research Excellence for Oral Health.

Cooperative Research Centres (CRCs)

Cooperative Research Centres bring together researchers from universities, the CSIRO and other government laboratories, and private industry or public sector agencies. These long-term collaborative arrangements support research and development, and education activities that achieve real outcomes of national economic and social significance.

The University is also a core partner, supporting participant or associate in 11 Cooperative Research Centres (Commonwealth Government programs linking industry with government and higher education research organisations).

- CRC for Greenhouse Gas Technologies (core)
- eWater CRC (core)
- CRC for Beef Genetic Technologies (core)
- CRC for Future Farm Industries (core)
- Pork CRC (core)
- Deep Exploration Technologies CRC (core)
- Energy Pipelines CRC (core)
- CRC for Seafood (supporting)
- CRC for National Plant Biosecurity (supporting)
- Poultry CRC (supporting)
- Bushfire CRC (supporting)

University Research Centres

The University research community has developed a wide range of research centres which also accommodate Masters and PhD training.

A full list of centres may be found at: www.adelaide.edu.au/research/institutes_centres/centres

TRANSFORMING OUR CAMPUS

The University of Adelaide
is undertaking a \$400
million investment in
state-of-the-art facilities.

This broad, multidisciplinary expenditure will improve the research and teaching facilities for every student and staff member on our campuses. New facilities include Innova 21 (Engineering, Computer and Mathematical Sciences building), the Professions Undergraduate and Postgraduate Hubs, and the School of Animal and Veterinary Sciences. Current projects include the Learning Hub and new science precinct, Illumin8.

For the latest updates on new projects:
www.adelaide.edu.au/space

\$400m

INVESTMENT
IN NEW BUILDING
PROJECTS

THE LEARNING HUB



ILLUMIN8



ANIMAL & VETERINARY SCIENCES SCHOOL



RESEARCH PROGRAMS AND ENTRY REQUIREMENTS

The completion of a Higher Degree by Research (HDR) at the University of Adelaide will provide you with the skills and experience to access a range of rewarding career opportunities.

Employers recognise that the research ability and broad range of transferable skills that Adelaide graduates possess equip them well for challenging and diverse roles in industry, government and business, as well as in research and academic organisations.

Choosing the right degree for you is an important decision and one that will be influenced by your career plans, personal circumstances and prior qualifications. We recommend that you discuss your options with the relevant School.

A brief outline of available research degrees follows. More detailed information is available on the website: www.adelaide.edu.au/graduatecentre/admission/degree

Doctor of Philosophy

The degree of Doctor of Philosophy (PhD) is the basic qualification for a research career

or academic position and is available in every Faculty. The PhD involves two to four years of research for a full-time candidate or the equivalent in half-time candidature.

Jointly-Awarded PhD Programs

A PhD may be undertaken jointly at the University of Adelaide and an approved international institution leading to the award of a single doctoral degree that is recognised in both countries; conditions apply.

Professional Doctorate

The University offers three professional doctorates in the disciplines of Clinical Dentistry, Education and Nursing. Professional doctorates combine research, project activity and advanced coursework in a single program of study and are specifically aimed at practitioners in the field.

Master of Philosophy (domestic students only)

The Master of Philosophy is offered in every Faculty. It is presented in two formats: one

with a 33% coursework component and one that is 100% research, although not every Faculty offers the two formats to domestic students. Programs are conducted over two years full-time, or the equivalent half-time, and students are supervised in research methodology and techniques, as well as being engaged in the critical evaluation of literature and results in the substantive area of the thesis at an advanced level.

Masters by Research (international students only)

The University is currently transitioning towards a new structure for Masters degrees available to international students. This is likely to take effect in 2013 and as a consequence in 2012 Masters degrees by Research (excluding the Master of Philosophy) will be offered under the 2009 Academic Program Rules.

For more information please refer to the web at: www.adelaide.edu.au/graduatecentre/program_rules

Entry Requirements

The admission requirements for Higher Degrees by Research (HDR) are set out in the relevant set of academic program rules, as published in the University of Adelaide's Postgraduate Calendar on the web at: www.adelaide.edu.au/calendar/pg/agc

How to Apply

Information for domestic applicants about how to apply online for candidature and/or a scholarship can be found on the Adelaide Graduate Centre website: www.adelaide.edu.au/graduatecentre/admission

Information for international applicants about how to apply for candidature and/or a scholarship can be found on the International Students website: www.international.adelaide.edu.au/apply



Australian Centre for Ancient DNA
School of Earth & Environmental Sciences

More information about English Language Proficiency requirements, including Pre-Enrolment English Programs, is available from:

www.adelaide.edu.au/research-degrees/requirements/english_language

ENGLISH LANGUAGE PROFICIENCY REQUIREMENTS

As English is the language of instruction at the University of Adelaide, proficiency in English speaking, listening, reading and writing is essential.

All domestic applicants for a Higher Degree by Research must provide evidence of their English proficiency before an offer is made. Evidence of at least one year in the last two years, or two years in the last five years study in English at a tertiary level at an Australian university is generally sufficient for the purpose.

Alternatively, applicants may be required to submit the results of an Academic IELTS (International English Language Testing System) or TOEFL (Test of English as a Foreign Language), undertaken within the last two years. For details regarding the minimum test scores required please refer to the table below.

International students without the required level of English may be eligible for entry into an intensive English language program, the Pre-Enrolment English Program (PEP), which they will need to complete at the required level before being admitted to the University of Adelaide. The University can arrange an appropriate English language program in Adelaide at the English Language Centre.

Students wishing to apply for a scholarship must provide evidence that meets the University's minimum English Language Proficiency (ELP) requirements before the scholarship closing dates. Students who intend to sit an IELTS (Academic) or TOEFL must ensure that their results are provided before the scholarship closing dates. They are not permitted to undertake a Pre-Enrolment English Program to meet the ELP requirements.

ELP REQUIREMENTS FOR HDR STUDENTS COMMENCING IN 2012

Program	IELTS (Academic) Minimum Scores	TOEFL Minimum Scores
General requirements: Applicable to all research programs except those in Faculties/Schools listed below.	Overall score of 6.5 AND Band score of 6.5 in Writing and Speaking AND Band score of 6.0 in Reading and Listening	Paper-based: total score of 575 with minimum of 4.5 in Test of Written English (TWE) OR Internet-based: total score of 90 with minimum of 22 in Writing and Speaking and 20 in Reading and Listening
<ul style="list-style-type: none"> Faculty of Health Sciences Faculty of Humanities & Social Sciences Faculty of the Professions (except for Economics) 	Overall score of 7.0 AND Band score of 7.0 in Writing and Speaking AND Band score of 6.5 in Reading and Listening	Paper-based: total score of 600 with minimum of 5.0 in Test of Written English (TWE) OR Internet-based: total score of 100 with minimum of 25 in Writing and Speaking and 22 in Reading and Listening

While the University of Adelaide accepts both IELTS and TOEFL, in some countries the Australian Diplomatic Mission may accept only IELTS to determine English language proficiency. International students should check with the Australian Diplomatic Mission in their country to ensure that they are taking the appropriate test.

PEP (PRE-ENROLMENT ENGLISH PROGRAM)

Course length	Course Number	Begin date	Finish date	Holiday breaks	Cost AUD\$ (not including OSHC)
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For entry into University, Semester 1 2012:

15 weeks	12PEP04	29 September 2011	2 February 2012	3 October 7 – 11 November inclusive 19 December – 2 January inclusive	5,400
10 weeks	12PEP05	10 November 2011	2 February 2012	11 November 19 December – 2 January inclusive	3,600

For entry into University, Semester 2 2012:

15 weeks	12PEP07	15 March 2012	5 July 2012	6 April 9 April 23 – 27 April inclusive 11 June	5,850
10 weeks	12PEP08	26 April 2012	5 July 2012	11 June	3,900

SCHOLARSHIPS FOR LOCAL STUDENTS

Any student who is a citizen or permanent resident of Australia or a citizen of New Zealand and enrolls at the University of Adelaide as a local student is eligible to apply for a range of scholarships.

The University of Adelaide has an excellent scholarships program for local Higher Degree by Research students providing funding support to over 1,000 continuing students, and offering approximately 300 new scholarships each year.

Scholarships

The University of Adelaide offers approximately 300 new living allowance scholarships annually. It attracts a high level of research funding from a wide variety of external sources that provides both new scholarship opportunities and essential research infrastructure.

Scholarship values range from a minimum of \$20,000 tax free per annum (2011 full-time rate) up to around \$35,000 tax free

per annum (2011 full-time rate) and many scholarships provide additional funds to support research.

Scholarship tenure is normally for up to three years for a PhD or two years for a Masters degree by Research. For those undertaking a PhD there may be the possibility of a six month extension upon application. There are no extensions to Masters scholarships under any circumstances.

Applying for a Scholarship

Each year the University of Adelaide conducts two rounds of scholarship applications, the Major Round and Mid-Year Round.

The Major Round closes on 31 October and the Mid-Year Round closes early June. Applying during the Major Round is the most effective way to maximise the chances of obtaining a scholarship, as students will be considered for every available scholarship for which they are eligible.

Over 200 scholarships are usually offered as part of the Major Round each year, with a limited number offered during the Mid-Year Round.

Some scholarships will also be available at various other times throughout the year and you should visit the University of Adelaide's website at www.adelaide.edu.au/graduatecentre/scholarships/postgrad to see what is available at the time you are considering applying for admission.

Australian Postgraduate Awards (APAs)

APAs are provided by the Commonwealth Government and offer a tax free living allowance valued at \$22,860 per annum (2011 full-time rate). These scholarships are open to students in any School within the University of Adelaide.

The only way to apply for an APA is through either the Major Round or Mid-Year Round (refer to information provided above). The University usually offers approximately 65 of these awards each year.

Divisional Scholarships

Divisional Scholarships are provided on a shared funding basis, with 50 per cent of the funds coming from the Office of the Deputy Vice-Chancellor and Vice-President (Research) and 50 per cent coming from another source. They offer the same value and benefits as an APA, however, these scholarships are only available to commencing students.

While there is no prescribed closing date for these scholarships, the majority are offered as part of the Major and Mid-Year Rounds and applicants are strongly encouraged to apply in this way. The University offers up to 160 of these awards each year.



eResearch SA Visualisation Laboratory
School of Chemistry and Physics

Master of Philosophy (No Honours) Scholarships

Master of Philosophy (No Honours) Scholarships are provided in the Major Round only. These scholarships offer a living allowance valued at \$20,000 per annum (2011 full-time rate) and are open to applicants who have completed a Bachelor degree attaining a GPA of 6.0 and above, and who do not hold an Honours degree.

The University usually offers approximately 10 of these awards each year.

Scholarships Funded from Other Sources

The University offers more than 150 scholarships from various sources each year. These may be funded by Cooperative Research Centres (CRC), the Australian Research Council (ARC), industry, research and development organisations, benefactors, research foundations and trusts, grants, bequests and other nationally competitive scholarship schemes.

The application process can be specific to the scholarship, however, students maximise their chances of being offered a scholarship from any source by applying in the Major Round.

Further information on available scholarships and the application process can be found at www.adelaide.edu.au/graduatecentre/scholarships/postgrad

Travel Grants

The University of Adelaide encourages postgraduate students to travel as part of their research candidature and has several schemes available for this purpose. Grants are available for intrastate, interstate and overseas travel for research, fieldwork and various other purposes.

Further information on travel grants is available from www.adelaide.edu.au/graduatecentre/scholarships/postgrad/pgtravel



Research Training Scheme

Currently all local commencing Higher Degree by Research students enrolled at the University of Adelaide are awarded a Research Training Scheme (RTS) place. The RTS place entitles the student to a maximum period of four years of tuition fee exempt candidature to undertake a PhD program or two years of tuition fee exempt candidature to undertake a Masters program. This means there is no HECS debt at the end of the program.

Further information about the Research Training Scheme is available from the Department of Education, Employment and Workplace Relations website at www.deewr.gov.au

Important Application Deadlines for Local Students

While there is no deadline for applications for admission from local students, students wishing to be considered for the Major

Round of scholarships must lodge their online application by 31 October and for the Mid-Year Round by early June (please visit the University of Adelaide's website at www.adelaide.edu.au/graduatecentre/scholarships/postgrad/pgresearch for exact closing date for Mid-Year Round).

This is the most effective way to maximise the chances of obtaining a scholarship, as students will be considered for every available scholarship for which they are eligible. Over 200 scholarships are usually offered as part of the Major and Mid-Year Rounds each year.

More Information

For more information on local University of Adelaide postgraduate scholarships, please visit www.adelaide.edu.au/graduatecentre/scholarships/postgrad

SCHOLARSHIPS FOR INTERNATIONAL STUDENTS

Scholarships

The University of Adelaide offers several scholarship schemes for international students undertaking postgraduate research study in 2012.

Selection for scholarships is extremely competitive. Recent successful applicants for research scholarships have usually completed a research Masters, or a coursework Masters with a substantial research component, outstanding academic performance at an internationally recognised university, publications in internationally refereed journals, and relevant work and research experience.

For more information on scholarships visit: www.adelaide.edu.au/graduatecentre/scholarships/postgrad/international

Applying for a Scholarship

www.adelaide.edu.au/graduatecentre/scholarships/postgrad/international/major_rnd.html

Each year the University of Adelaide has a 'Major International Scholarship Round' of applications. This is the most effective way to maximise the chances of obtaining an international research scholarship, as international students will be considered for every available scholarship for which they are eligible (IPRS and ASI). Up to 35 scholarships are usually offered as part of this Round each year.

To be eligible for scholarship consideration for academic programs commencing in Semester 1 or Semester 2, 2012, students must submit the *International Student Application for Postgraduate Research Studies* with complete supporting documentation (including referee reports and evidence of meeting the appropriate English Language Requirements) by 31 August 2011.

There is no separate application process for the International Postgraduate Research Scholarships (IPRS) or the Adelaide Scholarships International (ASI). If the student ticks the relevant box in Section 8 of the *International Student Application for*

Postgraduate Research Studies for admission to the University in 2012, this will constitute an application for a scholarship in this instance.

Applicants will be notified of the outcome of their scholarship application by the end of November.

In addition to the Major Round of scholarships, a Mid-Year Round of Adelaide Scholarships International (ASI) and Adelaide Graduate Research Scholarships (AGRS) may be available for students commencing in Semester 2, 2012.

For updates refer to the website: www.adelaide.edu.au/graduatecentre/scholarships/postgrad/international

International Postgraduate Research Scholarships (IPRS)

www.innovation.gov.au/research/researchblockgrants

Approximately 15 IPRS scholarships may be available for international students from any country undertaking postgraduate research in areas of University research strengths (www.adelaide.edu.au/research/our).

Benefits are payment of full tuition fees, an annual living allowance of \$22,860 tax free per annum (in 2011), and Overseas Student Health Cover for up to two years for a Masters degree by Research and up to three years for a Doctoral research degree.

Adelaide Scholarships International (ASI)

Up to 15 prestigious scholarships may be available to outstanding international students from any country undertaking postgraduate research in any academic discipline. Benefits are payment of full tuition fees, an annual living allowance of \$22,860 tax free per annum (in 2011), and Overseas Student Health Cover for up to two years for a Masters degree by Research and up to three years for a Doctoral research degree.

Conditions for IPRS and ASI Scholarships:

- IPRS scholarships will be awarded on academic merit and to applicants applying in areas of research strength. ASI scholarships will be awarded strictly on academic merit and applicants are not required to apply in areas of research strength. Extra-curricular achievements will not be considered.
- Citizens and permanent residents of Australia, and citizens of New Zealand are ineligible.
- Candidates who have applied for Australian permanent resident status are ineligible to be considered for an IPRS scholarship but may be considered for an ASI.
- Those undertaking research via remote candidature are ineligible.
- International applicants are not eligible for a scholarship if they have already commenced the degree for which they are seeking an award, unless they can establish that they were unable to apply for an IPRS or ASI in the previous Major Round.
- International applicants must not hold a research qualification regarded by the University of Adelaide to be equivalent to an Australian Research Doctorate degree or, if undertaking a Research Masters degree, not hold a research qualification regarded by the University of Adelaide to be equivalent to or higher than an Australian Research Masters degree.
- International applicants who have not provided evidence of meeting the English Language Proficiency requirements by the closing date are not eligible for a scholarship.
- Candidates are required to enrol in the University of Adelaide as 'international students' and must maintain 'international student' status for the duration of their enrolment in the University.
- Scholarships are available for the normal duration of the program, subject to satisfactory progress. For students enrolled in a PhD, extensions beyond three years and six months require the approval of the

OUR NOBEL LAUREATES

The Nobel Prize is an international award given yearly since 1901 for achievements in physics, chemistry, medicine, literature and peace. The University of Adelaide is associated with five Nobel Laureates and has a long history of ground breaking research and scholarship of international significance.

Graduate Scholarships Committee and would only be approved in exceptional circumstances.

- Scholarships holders must commence study at the University of Adelaide in Semester 1 or Semester 2, 2012. No IPRS or ASI may be commenced after 31 August 2012.
- Scholarship winners will not be permitted to defer commencement until 2013.
- Applicants who applied in a previous Major International Scholarship Round are not eligible to apply again.

Adelaide Graduate Research Scholarships (AGRS)

www.adelaide.edu.au/graduatecentre/scholarships/postgrad/international/agrs.html

Up to 15 scholarships may be available to outstanding international students from any country, who have recently graduated from the University of Adelaide, to undertake a Higher Degree by Research at the University of Adelaide.

Benefits are payment of full tuition fees and an annual living allowance of \$22,860 tax free per annum (in 2011) for up to two years for a Masters degree by Research and up to three years for a Doctoral research degree.

Eligible candidates must:

- be completing their four year undergraduate degree including a research based honours program (and obtain a first class honours) or a Masters degree with a sufficient research component to be approved by the Research Education Development Committee as a degree acceptable for entry to the PhD (ie a Masters degree including a minimum of 12 points of research) at the University of Adelaide in 2011 **or** have completed the above in 2010;
- be eligible to enrol as a commencing student in a full-time postgraduate research program at the University of Adelaide in Semester 1 or Semester 2, 2012;
- be an international student; and
- not be currently enrolled in the higher degree by research program at the University of Adelaide for which the student is applying for a scholarship.

Currently enrolled PhD students and applicants who applied in previous AGRS international scholarship rounds are not eligible to apply again.



1915

Sir William Henry Bragg & William Lawrence Bragg

Physics: For their services in the analysis of crystal structure by means of X-rays.



1945

Sir Howard Walter Florey

Physiology or Medicine: For the discovery of penicillin and its curative effect in various infectious diseases.



2003

John M. Coetzee

Literature: Who in innumerable guises portrays the surprising involvement of the outsider.



2005

J. Robin Warren

Physiology or Medicine (joint): For their discovery of the bacterium *Helicobacter pylori* and its role in gastritis and peptic ulcer disease.

China Scholarship Council —University of Adelaide Joint Postgraduate Scholarships Program

www.adelaide.edu.au/graduatecentre/scholarships/postgrad/chinascholarship

The China Scholarship Council (CSC) and The University of Adelaide are jointly offering postgraduate research scholarships to students from the People's Republic of China to undertake a postgraduate research degree at the University of Adelaide.

The University of Adelaide will waive full tuition fees for selected students and the CSC will consider the applications of these students for a living allowance as prescribed from time to time by the Chinese Government, a return airfare to Australia by the most economical route, and visa application fees.

Scholarships under this program will be for up to four years, subject to satisfactory academic progress. An extension beyond three and a half years requires the approval of both CSC and the University.

Note: this information is correct at the time of publishing but the University reserves the right to make changes as necessary at any time. The number of scholarships awarded will depend on the quality of the candidates.

Endeavour Scholarships (for international applicants)

www.deewr.gov.au/International/EndeavourAwards

The Endeavour Awards is the Australian Government's internationally competitive, merit-based scholarship program providing opportunities for citizens of the Asia Pacific, the Middle East, Europe and the Americas to undertake study, research and professional development in Australia.

The Endeavour Awards aim to:

- develop on-going educational, research and professional linkages between individuals, organisations and countries;
- provide opportunities for high achieving individuals from Australia and overseas to increase their skills and enhance their global awareness;

- contribute to Australia's position as a high quality education and training provider, and a leader in research and innovation; and
- increase the productivity of Australians through an international study, research or professional development experience.

The Endeavour Awards are a part of the Australia Awards initiative. The Australia Awards have been established to maximise the benefit to Australia of its extensive scholarship programs, and to support enduring ties between Australia and our neighbours.

The Australia Awards brings together under a single recognisable brand, the Endeavour Awards administered by the Department of Education, Employment and Workplace Relations (DEEWR) and the international development awards administered by the Australia Agency for International Development (AusAID).

AusAID Scholarships

www.ausaid.gov.au/scholar

The University of Adelaide has contracted with the Australian Agency for International Development (AusAID) to provide education to AusAID scholars.

The purpose of AusAID scholarships is to provide educational, research and professional development opportunities to support growth



in the Asia Pacific region and to build enduring links at the individual, institutional and country levels. There are several scholarship programs available.

Australian Development Scholarships (ADS) aim to strengthen human resource capacity in Australia's partner countries to contribute to long-term development needs and promote greater stability in the region.

Australian Leadership Awards (ALA) aim to develop leadership, build partnerships and links, and address priority issues.

AusAID scholarships cover tuition fees, living allowance, airfares and other expenses.

Applications for ADS and ALA scholarships must be made directly to AusAID, usually through the Australian Diplomatic Mission in the home country.

Scholarships from Home Governments or Universities

A number of overseas governments or universities sponsor their citizens to undertake research degrees at Australian universities. Sometimes this is under an agreement with the University of Adelaide, with the sponsor paying the tuition fees and a student living allowance. Examples are Indonesia, Malaysia and Vietnam.

There are many other sponsored students at the University of Adelaide, often without a formal agreement with the University. You are encouraged to investigate whether there are such scholarship schemes in your country.

IMPORTANT APPLICATION DEADLINES FOR INTERNATIONAL STUDENTS

Completed applications must be received by the Graduate Centre at the University of Adelaide by the following dates:

For consideration for a University scholarship commencing in either Semester 1 or Semester 2, 2012 **31 Aug 2011**

For entry into academic programs commencing Semester 1, 2012 **1 Dec 2011**

For entry into academic programs commencing Semester 2, 2012 **1 May 2012**

For consideration for a University scholarship commencing in Semester 2, 2012 **1 May 2012**

For consideration for a University scholarship commencing in Semester 1 or 2, 2013 **31 Aug 2012**

For entry into academic programs commencing Semester 1, 2013 **1 Dec 2012**

For more information on international University of Adelaide postgraduate scholarships, please visit:

www.adelaide.edu.au/graduatecentre/scholarships/postgrad/international

LIVING IN ADELAIDE

With a pleasant climate, thriving economy, dynamic cultural scene and affordable cost of living, South Australia offers an enviable lifestyle in an environment that is ideal for study.

MOST
AFFORDABLE
CITY IN AUSTRALIA

1

*2010 Cost of Living Survey,
Mercer Consulting*

Home to many indigenous groups for thousands of years before European settlement began in 1836, Adelaide has since welcomed migrants from all over the world and is characterised by a great diversity of cultural traditions, languages spoken, and systems of belief.

The state of South Australia boasts a stable economy and low unemployment rate, with a broad base of thriving industries, including agriculture, wine, information and communications technology, automotive production, defence, biosciences, health, tourism and the arts.

Australia's fifth largest city, Adelaide has over 1.2 million people, a population comparable to that of cities such as Amsterdam and Copenhagen, with all of the advantages of a major city but few of the inconveniences. Adelaide is situated on a fertile plain flanked by the natural beauty of the Adelaide Hills and 22 kilometres of white sandy beaches within easy reach of the city.

Adelaide is a very safe, relaxed and affordable place to live. The Economist Intelligence Unit's 2010 Liveability Survey ranked Adelaide in the top 10% of more than 140 cities, and Mercer Consulting's 2010 Cost of Living Survey found Adelaide to be the most affordable city in Australia.

The cost of living in Adelaide is up to 23% less than Sydney and Melbourne, 12% less than Perth, and 11% less than Brisbane.



For more info on Adelaide: www.studyadelaide.com



With a welcoming atmosphere and a mild climate, Adelaide offers a relaxed lifestyle with the conveniences of city living.

A VIBRANT CITY

With a welcoming atmosphere and a mild climate, Adelaide offers a relaxed lifestyle with the conveniences of city living. Its central location makes it an ideal gateway to explore South Australia's many tourist attractions, from world-renowned wineries and rugged coastlines to the Australian outback.

Adelaide is a busy and vibrant city, but unlike some larger cities, getting around is quick and easy; traffic jams are rare. Known as the 20-minute city, Adelaide is easy to navigate thanks to its broad boulevards and public transport network.

Its centre surrounded by parklands, Adelaide is one of Australia's most cosmopolitan cities, with an array of cafés, restaurants and shops reflecting

the diversity of its ethnic communities. Adelaide is reputed to have more cafés and restaurants per head of population than any other city in Australia.

Adelaide has few of the crowds of larger cities but boasts a range of shopping experiences comparable to anywhere in Australia. Rundle Mall has the biggest concentration of department and chain stores, while Rundle Street is known for its trendy boutiques, pubs and cafés.

In the suburbs, visit King William Road in Hyde Park for designer fashion, Magill Road for collectables and retro-chic, Semaphore Road for antiques and seaside charm, Norwood for specialty shops and continental culture, and Harbour Town for discount factory outlets.

Adelaide is host to many international conferences; the Adelaide Convention Centre has twice been ranked in the top ten convention centres in the world and was the national winner in its category in the Australian Tourism Awards in 2009.

For more info on South Australia: www.southaustralia.com



SOUTH AUSTRALIA AT A GLANCE

Area 985,335km²

Capital Adelaide

Coastline 4,800km
(with over 100 islands)

Population
State—1.6m Adelaide—1.2m

Official language English

Currency
Australian dollar (A\$)

Climate (average max.)
Summer (Dec–Feb) 28°C
Winter (Jun–Aug) 16°C

Economy Major industries include bioscience, defence, minerals and energy, wine and automotive production.

Useful websites
www.studyadelaide.com
www.southaustralia.com
www.southaustralia.biz



2



3



1



4



5



6

Main photo: Rundle Mall

- 1 Rundle Mall
- 2 Victoria Square, City Loop Free Bus
- 3 City shopping
- 4 Alfresco dining, Glenelg
- 5 Rundle Street nightlife, Austral Hotel
- 6 River Torrens



THE FESTIVAL STATE!



Adelaide and South Australia host many national and international cultural and sporting festivals throughout the year.

The Adelaide Fringe Festival is second in size only to the Edinburgh Festival while the Adelaide Festival of Arts, held every two years, has an international reputation for producing world-class performances. Adelaide Writers' Week attracts a large number of established and emerging national and international authors, including previous winners of the Man Booker Prize.

The Tour Down Under is an international world-class road cycling event, and is the first event held outside Europe to be included in the prestigious UCI ProTour (which includes the Tour de France). The week-long program of cycling and associated events includes stages in Adelaide and in 2010, the Tour Down Under passed through more than 60 towns in South Australia.

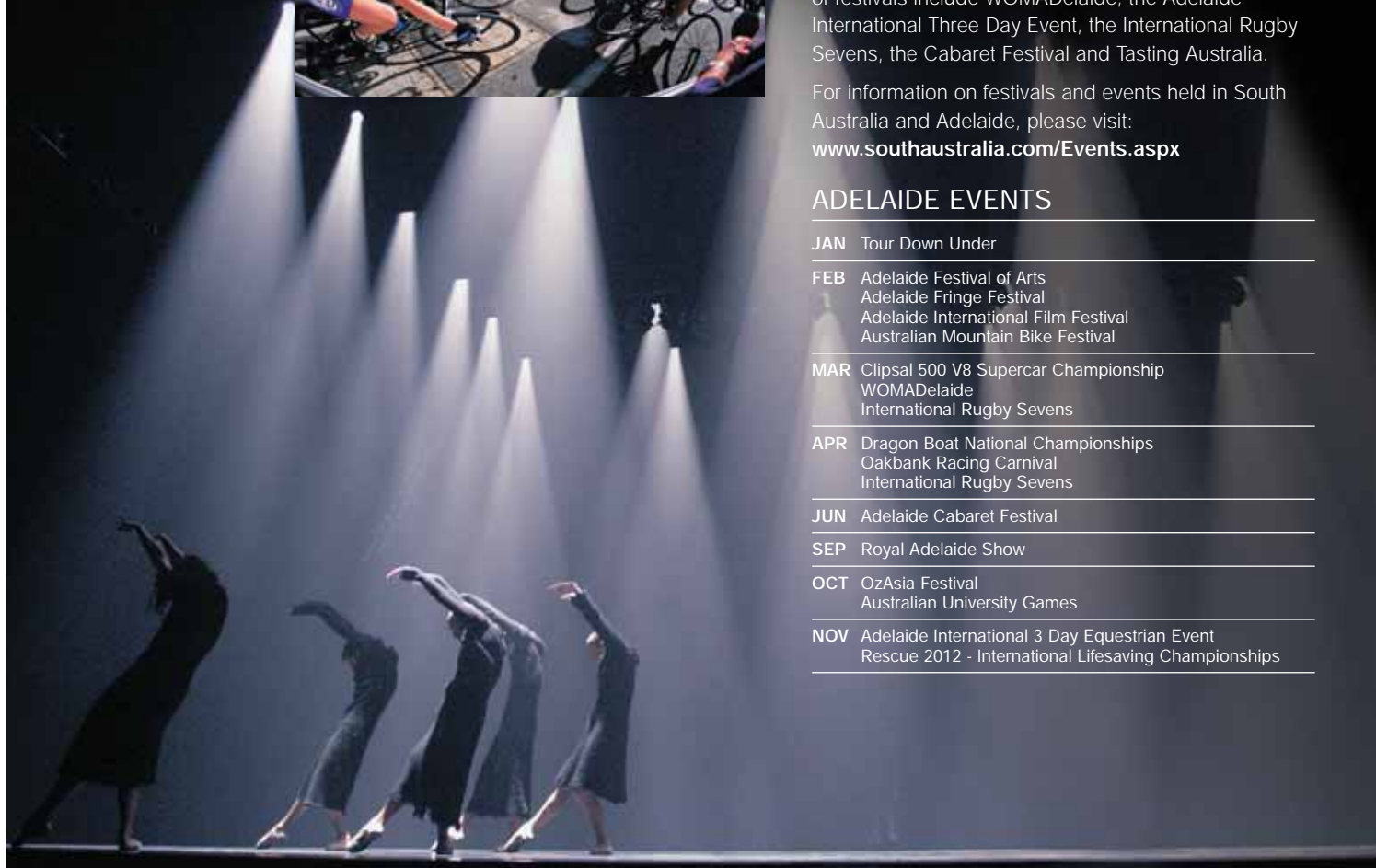
Held in October each year, the OzAsia Festival celebrates the artistic and cultural ties between Australia and the Asia-Pacific region. Other international events that regularly feature on South Australia's calendar of festivals include WOMAdelaide, the Adelaide International Three Day Event, the International Rugby Sevens, the Cabaret Festival and Tasting Australia.

For information on festivals and events held in South Australia and Adelaide, please visit:

www.southaustralia.com/Events.aspx

ADELAIDE EVENTS

JAN	Tour Down Under
FEB	Adelaide Festival of Arts Adelaide Fringe Festival Adelaide International Film Festival Australian Mountain Bike Festival
MAR	Clipsal 500 V8 Supercar Championship WOMAdelaide International Rugby Sevens
APR	Dragon Boat National Championships Oakbank Racing Carnival International Rugby Sevens
JUN	Adelaide Cabaret Festival
SEP	Royal Adelaide Show
OCT	OzAsia Festival Australian University Games
NOV	Adelaide International 3 Day Equestrian Event Rescue 2012 - International Lifesaving Championships



GETTING OUT AND ABOUT



BEACHES

South Australia has hundreds of unspoilt beaches, and activities to suit everyone including swimming, surfing, boating, fishing and just watching the sun set.



NATURE

Adelaide has conservation and national parks only minutes from the city, perfect for bushwalking, picnics, and spotting native animals. Take scenic walks at Waterfall Gully and Morialta, or visit Cleland Wildlife Park to see koalas and other fauna.



KANGAROO ISLAND

South of Adelaide is Kangaroo Island, described as 'one of the earth's last unspoilt refuges'. Seven times the size of Singapore, it is known for its native bushland, wildlife and pristine beaches.



WINE

South Australia is truly a wine-lover's paradise, with the Barossa Valley, Clare Valley, McLaren Vale, and Adelaide Hills wine districts all within an hour's drive of Adelaide.



OUTBACK

The Flinders Ranges possess some of the world's oldest fossils and ancient Aboriginal stone carvings. See the huge cliffs and whale breeding grounds of the Great Australian Bight, and underground residences in the opal-mining town of Coober Pedy.



CULTURE

Take a stroll along Adelaide's cultural boulevard, North Terrace, taking in the State Library, Museum and Art Gallery. For insight into Aboriginal culture, visit the indigenous multi-arts centre, Tandanya, in the East End.



SHOPPING

In the city centre, Rundle Mall has the biggest concentration of department and chain stores, while Rundle Street is known for its trendy boutiques, pubs and cafés. In the suburbs, visit King William Road in Hyde Park, Norwood and Harbour Town.



ADELAIDE AND SURROUND

CITY CENTRE



Adelaide Botanic Gardens



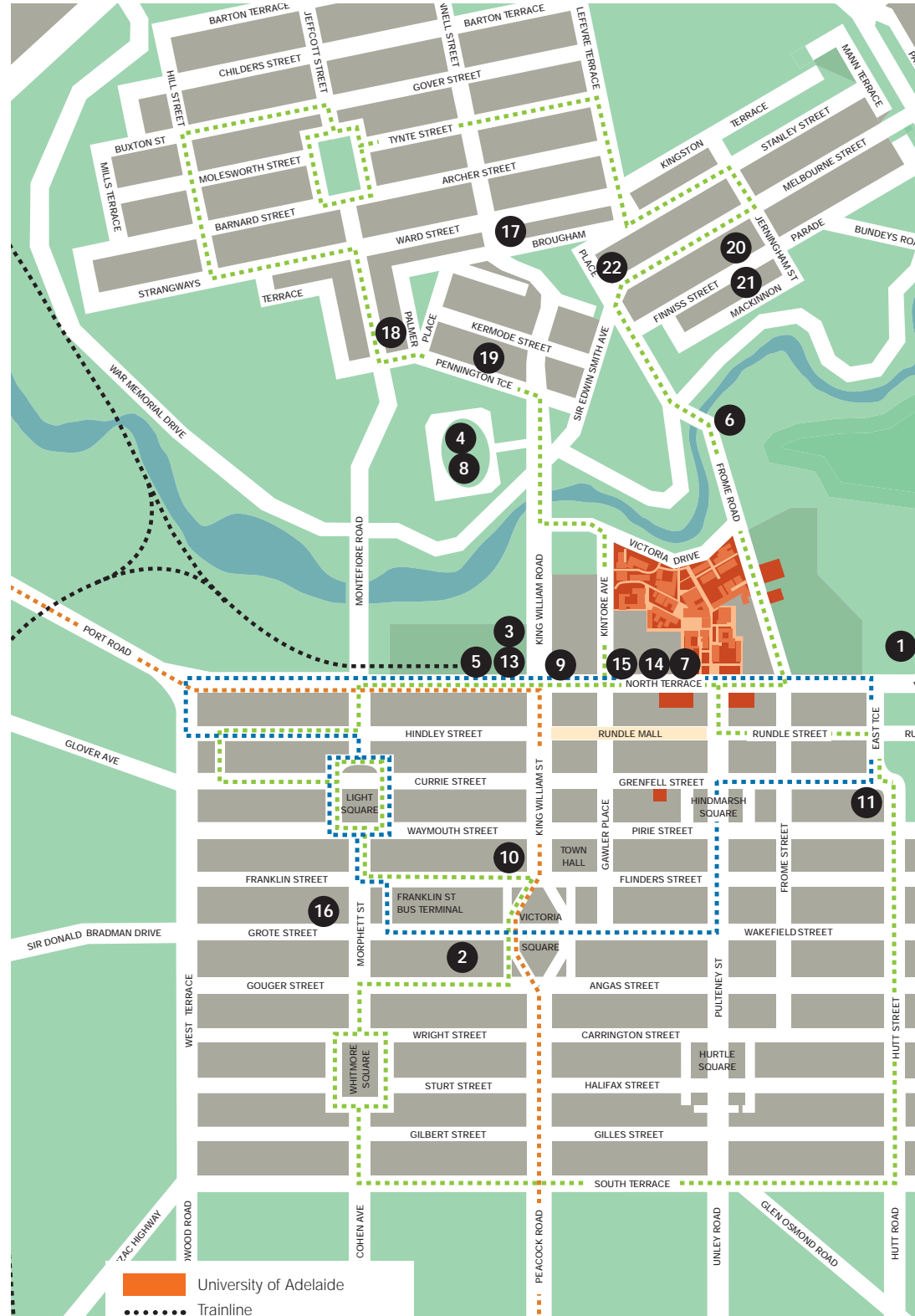
Adelaide Central Market



Adelaide Festival Centre



Art Gallery of South Australia



- University of Adelaide
- Trainline
- Tramline
- Adelaide Connector Free Bus
- City Loop Free Bus



Adelaide Zoo



State Library of South Australia



South Australian Museum



Parliament House

ADELAIDE SUBURBS



- | | |
|--|---------------------------------------|
| 1 Adelaide Botanic Gardens | 12 National Wine Centre of Australia |
| 2 Adelaide Central Market | 13 Parliament House |
| 3 Adelaide Festival Centre | 14 South Australian Museum |
| 4 Adelaide Oval | 15 State Library of SA |
| 5 Adelaide Railway Station | 16 The University of Adelaide Village |
| 6 Adelaide Zoo | 17 Lincoln College |
| 7 Art Gallery of South Australia | 18 Aquinas College |
| 8 Bradman Collection | 19 St Mark's College |
| 9 Government House | 20 Mattanya Residences |
| 10 General Post Office | 21 Kathleen Lumley College |
| 11 National Aboriginal Cultural Institute—Tandanya | 22 St Ann's College |

EXAMPLES OF AVAILABLE RESEARCH AREAS

For more information please visit:

www.adelaide.edu.au/research-degrees

A

- Accounting and information systems
- Acoustics and vibration
- Adaptation, climate change and
- Advanced computing and communications
- Agriculture
- Algorithms, software architectures and distributed
- Anaesthesia and intensive care
- Anatomical sciences
- Animal anatomy and structural biology
- Animal genetics
- Animal nutrition and physiology
- Animal pathobiology
- Animal reproductive biology
- Animal sciences
- Animal welfare, behaviour and ethics
- Antarctic sciences
- Anthropology
- Applied mathematics
- Applied optics, photonics and
- Architecture, landscape architecture and urban design
- Architectures and distributed algorithms, software
- Asian studies
- Atmospheric physics
- Australian politics

B

- Biochemistry
- Biodiversity, evolutionary biology and
- Bioinformatics
- Biology, biodiversity and evolutionary
- Biomedical science, molecular and
- Biomedical sciences, health and
- Breeding and genetics, plant
- Building performance, sustainability and (in architecture and design)
- Business
- Business, international
- Business, wine science and

C

- Cancer
- Cardiovascular health
- Chemical engineering
- Chemistry
- Chemistry and physics
- Childhood development
- Citizen journalism
- Civil, environmental and mining engineering

- Classics
- Climate change and adaptation
- Clinical practice, population health and
- Cognition, neuroscience and
- Combustion, fluids and
- Communications, advanced computing and
- Communications, networks and
- Comparative politics
- Computation, evolutionary
- Computation, sensing and
- Computer science
- Computer vision and signal processing
- Computing, distributed high-performance
- Computing and communications, advanced
- Creative and performing arts
- Creative writing
- Cultural studies

D

- Demography
- Dentistry
- Development, childhood
- Development studies
- Development, workforce
- Diseases, infectious
- Distributed algorithms, software architectures and
- Distributed high-performance computing
- Digital design media (in architecture and design)

E

- Earth and environmental sciences
- Ecology and evolutionary biology
- Economics
- Education
- e-democracy
- e-government
- e-participation
- Electrical and electronic engineering
- Emotions, history of
- Energy and environmental chemistry
- Energy resources, mineral and
- Energy technologies
- Engineering
- Engineering, chemical
- Engineering, civil, environmental and mining
- Engineering, electrical and electronic
- Engineering, mechanical
- Engineering, microelectronics and radio frequency
- Engineering, mining and petroleum
- Engineering, power
- Engineering, water quality and
- Engineering and formal methods, software
- English

- Environment
- Environmental and mining engineering, civil
- Environmental sciences, earth and
- Environmental studies, geographical and
- Equine science
- Ethics, philosophy and
- European studies
- Evolutionary biology and biodiversity
- Evolutionary computation
- Exploration, tectonics and resource

F

- Farming systems
- Feminist political theory
- Film studies
- Finance
- Finance and marketing, international trade
- Fluids and combustion
- Food and nutrition
- Food and wine, agriculture
- Food security
- Formal methods, software engineering and
- French studies

G

- Gas technologies, greenhouse
- Gender, politics and social inclusion
- General practice
- Genetics
- Genetics, molecular
- Genetics, plant breeding and
- Genomics, plant science and
- Geographical and environmental studies
- Geology and geophysics
- Geomechanics, petroleum
- Geophysics, geology and
- Governance
- Greenhouse gas technologies
- Gynaecology, obstetrics and

H

- Health and biomedical sciences
- Health and clinical practice, population
- Health, cardiovascular
- Health, men's
- Health, oral
- Health, paediatrics and reproductive
- Health, population and primary care
- Health, public
- Health, reproductive
- Health, rural
- Health sciences

- High-performance computing, distributed
- High energy astrophysics
- History
- History and politics
- History of ideas
- History of political thought
- Horticulture plant physiology, viticulture and
- Housing and homelessness
- Humanities and social sciences
- Humanities

I/J/K

- Immunology, microbiology and
- Infectious diseases
- Information processing, sensor, signals and
- Information systems, accounting and
- Innovation, social
- Intelligence
- Intensive care, anaesthesia and
- International business
- International politics
- International trade, finance and marketing
- Internet

L

- Landscape architecture and urban design, architecture
- Landscape science
- Land systems, soil and
- Law
- Life sciences
- Linguistics

M

- Management
- Marine sciences
- Marketing
- Marketing, international trade, finance and
- Materials, smart
- Mathematical sciences
- Mathematics, applied
- Mathematics, pure
- Mechanical engineering
- Media
- Media, digital design (in architecture and design)
- Medical physics
- Medical sciences
- Medicinal and biological chemistry
- Medicine
- Men's health
- Methods, software engineering and formal
- Microbiology and immunology
- Microelectronics and radio frequency engineering
- Migration studies, population and
- Mineral and energy resources
- Mining and petroleum engineering
- Mining engineering, civil, environmental and
- Modelling, basin
- Modelling and optimisation
- Modelling and simulation, dynamic
- Molecular and biomedical science
- Molecular genetics
- Monitoring, restoration and recovery
- Music

N/O

- Natural resource management
- Networks and communications
- Neuroscience and cognition
- Nursing
- Nutrition
- Nutrition, food and
- Obstetrics and gynaecology
- Oenology and viticulture
- Ophthalmology and visual sciences
- Optics, photonics and applied
- Optimisation, modelling and
- Oral Health
- Orthopaedics and trauma

P/Q

- Paediatrics
- Paediatrics and reproductive health
- Pathology
- Performance, sustainability and building
- Performing arts, creative and
- Petroleum science and engineering
- Petroleum engineering, mining and
- Pharmacology
- Philosophy
- Philosophy and ethics
- Photonics and applied optics
- Physical sciences
- Physics
- Physiology
- Plant breeding and genetics
- Plant physiology, viticulture and horticulture
- Plant protection
- Plant science and genomics
- Political theory
- Political theory, feminist
- Political thought, history of
- Politics and social inclusion, gender,
- Politics, area studies
- Politics, Australian
- Politics, comparative
- Politics, history and
- Politics, international
- Population and migration studies
- Population health and clinical practice
- Population health and primary care
- Power engineering
- Practice, general
- Primary care, population health and
- Processing, computer vision and
- Processing, sensor, signals and information
- Production animal health
- Psychiatry
- Psychology
- Public health
- Pure mathematics

R

- Radio frequency engineering, microelectronics and
- Recovery, monitoring, restoration and
- Regional planning
- Reproductive health
- Reproductive health, paediatrics and
- Resource exploration, tectonics and
- Resource management, natural
- Resources, mineral and energy

- Restoration and recovery, monitoring
- Rural health

S

- Science, molecular and biomedical
- Sciences, anatomical
- Sciences, Antarctic
- Sciences, health and biomedical
- Sciences, life
- Sciences, marine
- Sciences, mathematical
- Sciences, medical
- Sciences, ophthalmology and visual
- Sciences, social
- Sciences, veterinary
- Sensing and computation
- Sensor, signals and information processing
- Signal processing, computer vision and
- Smart materials
- Social inclusion, gender, politics and
- Social innovation
- Social media
- Social sciences
- Software architectures and distributed algorithms
- Software engineering and formal methods
- Soil and land systems
- Spanish
- Statistics
- Strategic studies
- Surgery
- Sustainability and building performance
- Systems, accounting and information
- Systems, soil and land

T

- Teaching Unit, Medicine, Learning and
- Technologies, energy
- Technologies, greenhouse gas
- Technologies, visual
- Tectonics and resource exploration
- Telecommunications
- Theoretical physics
- Theory, feminist political
- Theory, political
- Theory, radical and cultural
- Thought, history of political
- Trade and development
- Trade, international, finance and marketing
- Trauma, orthopaedics and

U/V/W

- Urban design, architecture, landscape architecture and
- Veterinary population and public health
- Veterinary sciences, surgery
- Vibration, acoustics and
- Vision, computer and signal processing
- Visual sciences, ophthalmology and
- Visual technologies
- Viticulture and horticulture, plant physiology
- Viticulture, oenology and
- Water quality and engineering
- Wildlife ecology
- Wine marketing
- Wine science and business
- Workforce development
- Writing, creative

SUMMARY OF INTERNATIONAL POSTGRADUATE RESEARCH PROGRAMS

Program	Faculty	Duration (years)	Annual International Tuition Fee (AUD\$)
MASTERS BY RESEARCH PROGRAMS*			
Agricultural Sciences Architecture Building Science Clinical Science Commerce Dentistry Design Studies Economics Education Engineering Grief and Palliative Care Counselling Humanities and Social Sciences Landscape Architecture Laws Mathematical and Computer Sciences Medical Science Music Sciences Surgery Urban Design	Engineering, Computer and Mathematical Sciences; Health Sciences; Humanities and Social Sciences; The Professions; and Sciences	2	21,000 to 28,000
DOCTORAL PROGRAMS			
Ph.D in Architecture	Professions	4	23,250
Ph.D in Business	Professions	4	27,250
Ph.D in Dentistry	Health Sciences	4	29,500
Ph.D in Entrepreneurship, Innovation & Commercialisation	Engineering, Computer & Mathematical Sciences	4	27,250
Ph.D in Economics	Professions	4	27,250
Ph.D in Education	Professions	4	23,250
Ph.D in Engineering	Engineering, Computer & Mathematical Sciences	4	27,250
Ph.D in Humanities & Social Sciences	Humanities & Social Sciences	4	25,000
Ph.D in Law	Professions	4	27,250
Ph.D in Maths & Computer Science	Engineering, Computer & Mathematical Sciences	4	27,250
Ph.D in Medical Science	Health Sciences	4	29,500
Ph.D in Music	Humanities & Social Sciences	4	23,250
Ph.D in Nursing	Health Sciences	4	29,500
Ph.D in Sciences	Sciences	4	27,250
Ph.D in Veterinary Science	Sciences	4	29,500
PROFESSIONAL DOCTORATES			
D.Clinical Dentistry—Research	Health Sciences	4	43,000
D.Education	Professions	4	23,250
D.Nursing	Health Sciences	3	27,250

* The University is currently transitioning towards a new structure for Masters degrees available to international students. Therefore the programs and fees listed above may be subject to change.

INTERNATIONAL REPRESENTATIVES

The University appoints agents to act as its official international representatives. Agents are located within Australia and in more than forty countries around the world. These representatives are appointed to:

- provide accurate information about the University of Adelaide and its programs to prospective international students
- advise on admission requirements and choice of programs
- assist with verification of supporting documentation
- assist with the processing and forwarding of the application, and the acceptance and payment, to the University
- assist with visa application, travel, accommodation and pre-departure arrangements.

The University of Adelaide currently has international representatives in the countries shown below. A full listing of the University of Adelaide's international representatives with their contact details can be found at: www.international.adelaide.edu.au/apply

Argentina, Australia, Austria, Bahrain, Bangladesh, Belgium, Botswana, Brazil, Cambodia, Canada, Chile, China, Colombia, Ecuador, France, Germany, Hong Kong, India, Indonesia, Iran, Japan, Jordan, Kenya, Korea (South), Kuwait, Libya, Macau, Malaysia, Mauritius, Mexico, Netherlands, New Caledonia, Oman, Peru, Philippines, Saudi Arabia, Singapore, South Africa, Sri Lanka, Syria, Taiwan, Tanzania, Thailand, United Arab Emirates, United Kingdom, United States of America, Venezuela, Vietnam

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GROUP OF EIGHT
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For further information please contact:

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Online enquiry form: www.international.adelaide.edu.au/enquiries

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