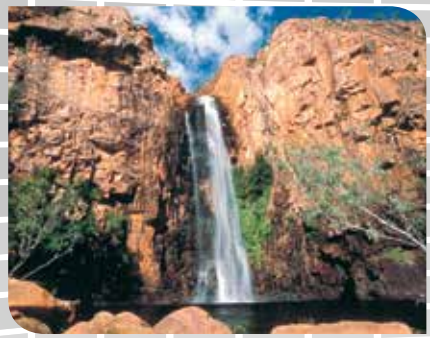
Innovative
Research
Universities

A Network of 7 Australian World Class Universities



Learning
Collaboration
Opportunity

Innovative Research Universities – a network of 7 Australian world class universities

Who are the Innovative Research Universities:

- Formed in 2003 and represents 7 Australian Universities
- Young, vibrant and innovative universities
- Have firmly established a place in all the major world rankings, including five members in the world's top 100 Universities under 50 years old*
- Research intensive – 74% of research is rated at and well above world standard
- Research strengths across all disciplines including science, engineering, technology and maths disciplines
- Comprehensive universities that offer undergraduate, postgraduate and research programs

For more detailed information on our research strengths please visit http://www.iru.edu.au/research-strengths.aspx

*Times Higher Education 100 under 50 http://www.timeshighereducation.co.uk/world-university-rankings/2012/one-hundred-under-fifty

The IRU:

- **Operate in 46 locations across Australia**
- **Teach over 175,000 students, including 42,000 international students from 120 students**

Charles Darwin University (CDU)

Charles Darwin University is shaped by its location in Australia's tropical north, creating a learning and research environment that is collegiate, progressive and friendly. Areas of expertise include tropical knowledge, desert knowledge, Indigenous knowledge and south-east Asian studies.

Undergraduate Programs

arts and social sciences - biological sciences – business – communication – ecology – exercise science – education – engineering – environmental management – geographic information systems – health sciences – indigenous knowledges – information technology – land management – languages – natural resource management – new media and design – pharmacy – psychology

Did you know? Charles Darwin University is the youngest university in Australia.

For a complete list of courses, visit the website: www.cdu.edu.au/international

Flinders University

With a reputation for innovative teaching and world-class research, Flinders University provides valuable opportunities for students to enhance their career outcomes through Work Integrated Learning and industry initiatives – key features of many undergraduate programs available at Flinders. Within the field of science, Flinders is prominent in environmental science, biomedical engineering, medical science and pharmacology.

Undergraduate Programs

arts and languages – business and commerce – computing and information technology – culture, heritage, tourism and theology – education – engineering – environment – government and policy – international affairs – health and medicine – law and justice – nursing and midwifery – people and behaviour – science and mathematics

Did you know? Flinders was the first university in Australia to offer a dedicated undergraduate degree in Nanotechnology and is a leader in this field.

For a complete list of courses, visit the website: www.flinders.edu.au/international
Contact: Carolyn Mclean (carolyn.mclean@flinders.edu.au)

Griffith University

Griffith University is one of Australia's most innovative and dynamic universities and the founder of Australia's first Environmental Studies program. Griffith has the largest group of environmental professionals in any university in Australia, and is amongst the largest in the World. Griffith conducts world-leading research in areas such as water science, quantum physics, climate change adaptation, drug discovery, infectious diseases and criminology.

Undergraduate studies

architecture – biomedical sciences - business and government – criminology – ecology - education - – engineering – environmental health management and science – forensic science – genetics – marine science – mathematics - medical science – pharmaceutical science -urban and environmental planning – physics, photonics and nanoscience

Did you know? Griffith is home to Australia's largest water-research institute (Australia Rivers Institute) and is home to Australia's Climate Change Adaptation Research Facility.

For a complete list of courses, visit the website: www.griffith.edu.au/international
Contact: Guie Hartney (g.hartney@griffith.edu.au)

James Cook University

James Cook University is uniquely positioned to focus on the tropics – it is a world leader in marine biology and coral reef ecology. Our research profile includes internationally recognised work in tropical ecology and environments, geosciences, disaster management and tropical medicine and health.

Undergraduate Programs

education – engineering – environmental studies – genetics and genomics - geography - geology - health and medicine – languages – law – marine biology – microbiology – physics – pyshiology and pharmacology - sustainability - tropical health

Did you know? James Cook University is a leader in Australia in environmental science and management

For a complete list of courses, visit the website: www.jcu.edu.au/international
Contact: Mr Matt Monkhouse (matthew.monkhouse@jcu.edu.au)

La Trobe University

La Trobe is the top ranked institution in the nation for research in Microbiology and equal top with just one other University in Biochemistry and Cell Biology, and in Veterinary Sciences. Historical Studies and Archaeology were also both assessed at the top ranking, highlighting the University's renowned strength in humanities.

Undergraduate studies

agricultural sciences – botany – conservation biology – biological sciences – biotechnology - ecology - engineering – environmental science – genetics – human biosciences – medical and physiological sciences –physical, chemical and mathematical sciences – public health – social sciences

Did you know? La Trobe is home to AgriBio, Centre for AgriBioscience, a multimillion dollar, world-class facility for agricultural biosciences research and development, creating better science outcomes.

For a complete list of courses, visit the website: www.latrobe.edu.au

Murdoch University

Areas of strength include immunology, medical microbiology, clinical services, resources engineering and extractive metallurgy, physical chemistry, agriculture and fisheries science.

Undergraduate studies

biological sciences and biotechnology – biomedical science – commerce – conservation and wildlife biology – cyberforensics – education – engineering and energy – sustainability – veterinary science

Did you know? Murdoch University is home to the West Australian State Agricultural Centre which is one of the largest & most research active Centres for biotechnology in Australia. Murdoch was one of the first Universities to offer Biotechnology.

For a complete list of courses, visit the website: www.murdoch.edu.au
Contact: Ms Carol Ghandour (c.ghandour@murdoch.edu.au)

University of Newcastle

At the University of Newcastle we are proud of our ground-breaking research in health and medicine, science and engineering, and energy and the environment. We offer an environment where people can combine their education and careers with a balanced lifestyle.

Undergraduate studies

architecture, design and construction – biological science – chemistry – earth sciences – education – environmental, mathematical and applied science – engineering, surveying and computer sciences – health science – information technology - mathematics – marine science - medicine – mining – sustainable resource management

Did you know? University of Newcastle offers one of the few specialised Bachelor of Mathematics programs available nationally, and are at the top of the field in this area.

For a complete list of courses, visit the website: www.international.newcastle.edu.au
Contact: Ms Hayley McNeel (hayley.mcneel@newcastle.edu.au)

Ciencia sem Fronteiras – Science without Borders

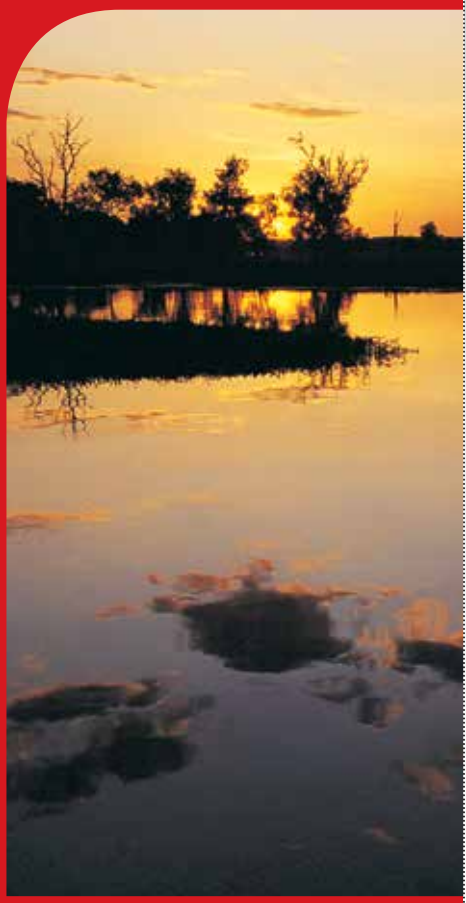
Science without Borders is a Brazilian scholarship program which seeks to strengthen and expand the initiatives of science and technology, innovation and competitiveness through international mobility of undergraduate and graduate students and researchers.

The program enables Brazilian students to undertake part of their degree studies in the relevant fields of interest in Australia. These fields include science, technology, engineering and mathematics.

- **Engineering**
- **Physical Sciences: Mathematics, Physics, Chemistry, Biology and Geosciences**
- **Clinical, Pre-Clinical and Health Sciences**
- **Computing and Information Technology**
- **Aerospace Technology**
- **Pharmaceuticals**
- **Sustainable, Agricultural Production**
- **Oil, Gas and Coal**
- **Renewable Energy**
- **Minerals Technology**
- **Biotechnology**
- **Nanotechnology and New Materials**
- **Technologies for the Prevention and Mitigation of Natural Disasters**
- **Bioprospecting and Biodiversity**
- **Marine Sciences**
- **New Technologies Construction Engineering**
- **Creative Industry**

We have partnered with Latino Australia Education to give Brazilian students every opportunity to study at one of the 7 Innovative Research University institutions.

For help with your application, please contact LAE at www.latinoaustralia.com.br



Science Without Borders Scholarship Program

IRU member universities are official host institutions of the Brazil Science Without Borders scholarship program (www.cienciasemfronteiras.gov.br)

The following programs are available for Brazilian applicants:

- Undergraduate Programs: Semester Programs and 1 year Programs
- Research Programs: Master by Research, Doctorates (PhD)

For more information visit: http://www.iru.edu.au/our-activities/international/brazil.aspx

Charles Darwin University
Flinders University
Griffith University
James Cook University
La Trobe University
Murdoch University
The University of Newcastle

Our Contact Details

For further information about IRU please visit our website or email the IRU Executive Director.

IRU Secretariat
w // iru.edu.au
e // executivedirector@iru.edu.au

Charles Darwin University // CRICOS 00300K
Flinders University // CRICOS 00114A
Griffith University // CRICOS 00233E
James Cook University // CRICOS 00117J
La Trobe University // CRICOS 00300K
Murdoch University // CRICOS 00125J
The University of Newcastle // CRICOS 00109J