

HIGHER DEGREE BY RESEARCH



**VICTORIA
UNIVERSITY**

**A NEW
SCHOOL OF
THOUGHT**

MELBOURNE AUSTRALIA

RESEARCH STRENGTHS

Engaging in research is a challenge that Victoria University will help you meet head on to reap the rewards now and long into the future.

- Through our Priority Research and Innovation Projects fund, we have invested over A\$15 million into flagship research projects
- Our primary areas of research strength include:
 - applied economics
 - sports science, rehabilitation and exercise
 - sustainable environmental technologies
 - sustainable tourism
 - computer science and e-research
- We are also expanding our research capabilities in:
 - food technology
 - mathematics
 - telecommunications and sensor technologies
 - educational access and social inclusion
 - vocational and work based learning
 - sustainable buildings
 - health promotion, wellness and chronic disease
 - logistics and transport

RESEARCH SUCCESS

We believe collaboration is a key element in delivering successful research outcomes and encourage students to develop partnerships.

Our world-leading academics with international standing lead the research community and supervise our research students. These include:

- Computer Science Professor Yanchun Zhang, who is a member of the highly prestigious Australian Research Council (ARC) College of Experts for 2008-2010
- Professor Dorothy Bruck, a world leader in sleep research and fire safety
- Professor Peter Sheehan, who was commissioned to provide economic advice to the Australian Government's Garnaut Climate Change Review
- Dr Michael Mathai, leader of the Florey Research Institute team that discovered a new drug therapy to reduce weight loss
- Professor John Zeleznikow, whose computerised negotiation support systems, based on 'game theory', have been reported in just about every major world publication from The Economist to the Harvard Negotiation Law Review



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ESTABLISHED 1916

WWW.VU.EDU.AU/INTERNATIONAL-STUDENTS

Approved on 13 May 2009, information is subject to changes.

WHY VICTORIA UNIVERSITY?

- Study at one of our eleven vibrant campuses — three in the heart of Melbourne's Central Business District (CBD) and another four within 10km of the CBD
- Leading tertiary institution with more than 47,000 students including 3800 international students at its Melbourne campuses, and a further 8000 students at partner institutions worldwide

Life at Victoria University provides expert student support staff, with a team dedicated to international students.

RESEARCH QUALIFICATIONS

Victoria University offers a range of research degrees including Masters degrees by Research, the Doctor of Philosophy (PhD) degree and professional doctorates such as the Doctor of Business Administration (DBA) and the Doctor of Education degrees (EdD). As experienced and successful mentors, our staff have proven track records in their areas of research expertise as well as a broader general knowledge.

With a growing reputation for industry-centred research, Victoria University (VU) is focused on developing its primary and emerging areas of research strength to high standards of excellence.

We can also provide free academic skill development and support programs for Higher Degree by Research students. Find out more at:

www.vu.edu.au/future-students/postgraduate-studies/research-degrees/research-training-program

RESEARCH CENTRES AND INSTITUTES

The core of the University's research activities is formed by a team-based approach involving the:

- Centre For Tourism and Services Research
- Centre For Environmental Safety and Risk Engineering
- Centre For Strategic Economic Studies
- Work-Based Education Research Centre
- Centre For Ageing, Rehabilitation, Exercise and Sport Science
- Centre For Telecommunications and Microelectronics
- Institute For Community Ethnicity and Policy Alternatives
- Institute Of Sustainability and Innovation
- Institute For Logistics and Supply Chain Management

AREAS OF RESEARCH FOCUS

For a list of Research degrees offered by VU please visit:
www.vu.edu.au/International/Courses_and_Fees/

Preference will be given to the following areas of strategic research focus:

ARTS, EDUCATION AND HUMAN DEVELOPMENT

For further inquiries contact the faculty on:
Tel: 61 3 9919 4046 or email: artscourses@vu.edu.au

Education, Access and Transition

Vocational, work-based and problem-based learning, engagement with educationally and socially disadvantaged youth, experiential learning, ICT and pedagogy, collaborative practitioner research and literacy, maths and science education.

Social Inclusion, Cultural Diversity and Wellbeing

Refugees, diasporas and racism; migration and settlement; languages and communication; community and health psychology.

Sport, Exercise Science and Active Living

Exercise physiology and metabolism, exercise rehabilitation, biomechanics, elite performance, socio-cultural aspects of exercise and sport, and sports psychology.

BUSINESS AND LAW

For further inquiries contact:

Ms Tina Jeggo, Tel: 61 3 9919 1549 or email: tina.jeggo@vu.edu.au

Law and Governance

International and comparative law, environmental law and policy.
about these research areas

Strategic Economics

Climate change, finance, health economics and emerging technologies.

Sustainable Tourism

Climate change impacts on tourism, social impacts of tourism, events, small tourism enterprise and e-tourism.

HEALTH, ENGINEERING AND SCIENCE

For further inquiries contact:

Ms Philomena Fernandes Tel: 61 3 9919 2178 or email
philomena.fernandes@vu.edu.au

Computer Science and Applied Informatics

Web mining and data management, health informatics and e-health and service-oriented computing.

Fire, Architectural Engineering and Human Behaviour

Sleep, fire and human behaviour, fire dynamics, fire and smoke modelling, effects of fire on building structures.

Water and Environmental Sustainability

Water treatment and resource management, wetland flora and wetland health, social and behavioural aspects of water.

Telecommunications, Microelectronics and Sensor Technologies

Wireless technologies, microelectronics in health and power applications, and optical sensors and amplifiers.



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