

Higher Degrees by Research

Research with impact

From preventing injuries in Australian football to using our genetic codes to tailor treatments for high blood pressure and heart disease – research at Federation University Australia makes a difference in the real world.

Ranking well above global standards, our research has received the highest possible five-out-of-five rating in seven areas under the Excellence in Research Australia (ERA) results.

ERA 2018 RESULTS		
	SPECIFIC FIELDS OF RESEARCH (4 DIGIT FoR CODE)	BROAD FIELDS OF RESEARCH (2 DIGIT FoR CODE)
★★★★★ RATING 5 WELL ABOVE WORLD STANDARD	Applied Mathematics Environmental Science and Management Civil Engineering Clinical Sciences Human Movement and Sports Science Nursing	Environmental Sciences
★★★★ RATING 4 ABOVE WORLD STANDARD	Artificial Intelligence and Image Processing	Medical and Health Sciences
★★★ RATING 3 WORLD STANDARD	Pure Mathematics Education Systems Sociology Psychology Historical Studies	Mathematical Sciences Information and Computing Sciences Studies In Human Society Psychology and Cognitive Sciences

In Australia and overseas we work with research bodies and industries, as well as other leading universities. And while our research has national and international significance, we also focus on regional matters close to our heart.

Powered by outstanding people, our research helps build the communities we're proud to be part of.

Research priority areas and centres

We bring together groups and teams of world leading researchers from multi-disciplinary backgrounds into highly focused centres of research endeavour.

Our research priority areas are:

- Health and Wellbeing
- Society and the Environment
- Virtual, Digital and Computational Environments

Our centres and networks include:

- Centre for eResearch and Digital Innovation (CeRDI)
- Centre for Transformative Health and Wellbeing

[federation.edu.au/applyforresearch](https://www.federation.edu.au/applyforresearch)



Graduate research studies

We offer supervisions across a large range of study areas.

STUDY AREA	MASTERS	PHD (DOCTOR OF PHILOSOPHY)
Applied Science	✓	
Arts	✓	✓
Business	✓	✓
Education		✓
Engineering	✓	✓
Human Movement	✓	✓
Humanities and Social Science		✓
Information Technology	✓	✓
Nursing	✓	✓
Occupational Health and Safety		✓
Psychology		✓
Science	✓	✓

Not all programs are available on all campuses. Table provided on following page for study area offering by campus.

Annual Fees for Higher Degrees by Research vary from \$23,300 to \$28,400. Find full details at federation.edu.au/applyforresearch

Masters by Research

LOCATION Mt Helen Campus (Ballarat), Berwick Campus (Melbourne), Gippsland Campus (Churchill)	DURATION 1.5 years
ENTRY REQUIREMENTS Bachelor degree and subsequent additional honours degree (first or second class) and which includes a dissertation demonstrating the ability to undertake research at a Masters level; OR Honours equivalence, such as a combination of professional, qualifications and research experience, including Masters by coursework. Refer to federation.edu.au/research Overall Academic IELTS score of 6.5 with no band less than 6.0, or equivalent.	

Doctor of Philosophy

LOCATION Mt Helen Campus (Ballarat), Berwick Campus (Melbourne), Gippsland Campus (Churchill)	DURATION 3 to 3.5 years. Refer to table on following page.
ENTRY REQUIREMENTS Bachelor degree and subsequent additional honours degree (first or second class); or Masters by Research degree; or current Federation University Australia Masters by Research candidate with sufficient research capability to demonstrate PhD capacity, assessed via a formal Confirmation of Candidature process; or Honours equivalence, for applicants who have completed a Master by coursework or have appropriate professional experience. All students must have previously completed a thesis or dissertation demonstrating the ability to undertake research at a PhD level. Refer to federation.edu.au/research Overall Academic IELTS score of 6.5 with no band less than 6.0, or equivalent.	

Apply for Research

Visit [federation.edu.au/applyforresearch](https://www.federation.edu.au/applyforresearch) to familiarise yourself with:

- The research priority areas as well as the strategic research directions of the school in which you intend to enrol.
- Check that you meet the academic entry requirements, and the English language proficiency requirements.
- Prepare your application and compile your evidence and supporting documentation.

International applicants should apply using the StudyLink application system.

STUDY LEVEL		CRICOS CODE	LOCATION	DURATION (YEARS)	ANNUAL FEES
RESEARCH					
P	Master of Applied Science	001495G	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	1.5	\$28,400
P	Master of Applied Science (Biological Science)	001501D	🌟 Ballarat 🌟 Berwick	1.5	\$28,400
P	Master of Applied Science (Psychology)	014682J	🌟 Ballarat 🌟 Berwick	1.5	\$28,400
P	Master of Arts	044995K	🌟 Ballarat	1.5	\$23,300
P	Master of Arts (Research)	041559K	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	1.5	\$23,300
P	Master of Business	023221G	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	1.5	\$23,300
P	Master of Computing	052879C	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	1.5	\$23,300
P	Master of Education	092210F	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	1.5	\$23,300
P	Master of Engineering Science	015134G	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	1.5	\$28,400
P	Master of Human Movement	041560F	🌟 Ballarat	1.5	\$28,400
P	Master of Mathematical Sciences	052605G	🌟 Ballarat 🌟 Berwick	1.5	\$23,300
P	Master of Nursing	092872A	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	1.5	\$23,300
HIGHER DEGREES OF RESEARCH					
P	Doctor of Philosophy (Business)	033922G	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3.5	\$23,300
P	Doctor of Philosophy (Education)	016654G	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3.5	\$23,300
P	Doctor of Philosophy (Engineering)	023234C	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3.5	\$28,400
P	Doctor of Philosophy (Human Movement and Sport Science)	026139M	🌟 Ballarat 🌟 Berwick	3.5	\$28,400
P	Doctor of Philosophy (Humanities and Social Sciences)	023232E	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3.5	\$23,300
P	Doctor of Philosophy (Information Technology)	023229M	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3.5	\$23,300
P	Doctor of Philosophy (Mathematical Sciences)	092058J	🌟 Ballarat 🌟 Berwick	3.5	\$23,300
P	Doctor of Philosophy (Nursing)	092871B	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3	\$23,300
P	Doctor of Philosophy (Physical Sciences)	016653J	🌟 Ballarat	3.5	\$28,400
P	Doctor of Philosophy (Psychology)	081098C	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3.5	\$28,400
P	Doctor of Philosophy (Science)	044127K	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3.5	\$28,400
P	Doctor of Philosophy (VIOSH)	096209M	🌟 Ballarat 🌟 Berwick 🌟 Gippsland	3.5	\$28,400
P	Doctor of Philosophy (Visual and Performing Arts)	023233D	🌟 Ballarat 🌟 Gippsland	3.5	\$23,300
P	Postgraduate studies				

Amali is conducting her PhD in collaboration with the Grains Research and Development Corporation (GRDC), an Australian Government institute that promotes world-leading R&D to create sustainable growth for Australian farmers.

"There's a really big problem with herbicides. Weeds are evolving to become resistant to them and, if the pattern continues at its current rate, all the chemicals we use in farming will be defunct in the very near future. No new herbicides have been introduced in the last thirty years, so we need to find ways to maximise the effectiveness of existing ones through new combinations and approaches.

I'm trying to introduce a unique combination of existing herbicides that can treat herbicide-resistant wild radish and annual rye grass. In about a month's time, I'll be applying the chemicals for the first time, and I'm really excited to see if they work on the weeds without damaging the actual crops"

Amali Welgama, Sri Lanka
PhD in Agricultural Innovation



Federation University Australia

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Federation.edu.au/international

Coursefinder study.federation.edu.au

#feduni      /feduniaustralia

Disclaimer: Information contained in this brochure was correct at the time of production.

For up to date information on courses please refer to study.federation.edu.au.

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Federation University Australia reserves the right to alter any course, procedure or fee, as deemed necessary. Federation University Australia courses are delivered with Victorian and Commonwealth Government funding. CRICOS Provider No. 00103D. National RTO Code: 4909.

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