

Deakin School of Education



RECRUITMENT

# LECTURER IN EDUCATION (MATHEMATICS EDUCATION)

[deakin.edu.au/education](https://deakin.edu.au/education)

Position description current from March 2019



# ABOUT DEAKIN

Deakin University is ranked 213 in the prestigious Academic Ranking of World Universities (ARWU), putting us in the top 2% of universities worldwide. We are also ranked in the top 50 under 50 years of age in both the QS and THES\*. 89% of Deakin's research was rated at or above world standards in the Australian Government's Excellence in Research for Australia (ERA) 2015 assessment.

With over 53,000 students (17% international), Deakin is one of Australia's largest universities and its education and research activities have international reach.

Since 1974 Deakin has been committed to lifelong learning; to providing students with choices about how, when and where learning occurs – almost a quarter of Deakin's students study wholly in the cloud (online). Affirming its long held reputation for accessibility, Deakin has rated first in Victoria for student satisfaction for six consecutive years (AGS 2010-2015). In 2014, Deakin received the Premier's Award for international education provider of the year and was named Victoria's leading Education and Training provider in the Victorian Governor's Export Awards in both 2015 and 2016.

Deakin's four faculties offer a comprehensive range of courses across the arts, science, sport, nutrition, architecture, business, law, medicine, optometry, engineering, nursing, allied health, psychology and teaching.

Deakin has always had a strong reputation for innovation and in this digital age, has been driving the digital frontier in the use of new and emerging technologies in research, teaching and community engagement.

Deakin has 4 Institutes and many Strategic Research Centres and is one of only a few Universities to focus on manufacturing research. Deakin's carbon fibre research has captured the attention of automotive and aeronautical manufacturing globally with its Carbon Nexus facility acknowledged as a nationally significant piece of infrastructure embracing new ways of manufacturing in automotive, aerospace and construction industries.

## OUR STRATEGY

*LIVE the future: Agenda 2020* articulates Deakin's strategy for defining and distinguishing Deakin through to the end of 2020. Deakin aims to harness the power, opportunity and reach of the digital world in all that it does. It aspires to be Australia's premier university in driving the digital frontier – to enable globally connected education for the jobs of the future, and research that makes a difference to the communities we serve.

Deakin has a long tradition of innovation in learning and examples of Deakin's success in the current landscape of digital change include:

- DeakinSync, an innovative communication and collaboration platform for students and staff
- world-first partnership with cognitive computer IBM Watson to provide students with personalised advice 24/7 365 days a year on multiple devices
- technology rich, flexible and stylish learning spaces across all Deakin campuses
- Deakin was awarded the gold global award in the Reimagine Education awards for innovative higher education pedagogies enhancing learning and employability.

\* Shanghai Jiao Tong Academic Ranking of World Universities (ARWU), Times Higher Education and QS World University Rankings



# FACULTY OF ARTS AND EDUCATION

The Faculty of Arts and Education offers an exciting range of programs in teaching and research in Communication, Creative Arts, Humanities, Social Sciences, Education and Indigenous Knowledge and Culture which are vital to improving personal and professional outcomes and contributing to Australia as an equitable, humane and innovative society. The Faculty is arranged around key academic entities: School of Communication and Creative Arts, School of Education, School of Humanities and Social Sciences, and the Institute of Koorie Education.

Leading strategic research centres are the Alfred Deakin Institute for Citizenship and Globalisation, Deakin Motion.Lab - Centre for Creative Arts Research, and the Centre for Research for Educational Impact. Our internationally renowned academics lead thinking, ideas, research and teaching in their respective disciplines.

We work to maintain high international regard for innovation in creative arts, human sciences including humanitarian leadership, criminology, contemporary history, teacher education and Indigenous knowledge. The Faculty's practices are founded on Deakin's longstanding commitment to equity and the achievement of personal, professional and community enhancement through the power of education. Deakin University has a vibrant culture of teaching and research and the Faculty supports a critical mass of academic and professional staff across major disciplines and fosters internationally competitive and strategic research in communications and media, creative and performing arts, education, and humanities and social sciences.

This Faculty acknowledges the success of teaching, research and the excellent work and strong commitment to high quality outcomes that serve our communities. From this strong base, and in the context of a rapidly changing and innovative digital world, we are working to achieve significant advancement for a sustainable future, including leadership nationally and internationally across disciplines. In the context of our core values we aim to achieve highest aspirations with agility through:

- educating through exciting existing and new courses in response to demand, innovation and professional readiness
- advancing international standing in teaching and research through strategic collaboration for high quality outcomes
- embracing Indigenous knowledge, teaching and research through close connections with the Institute of Koorie Education
- collaborating seamlessly between Schools and Research Centres for stronger outcomes in teaching and research
- expanding internationalization of teaching and research through strong partnerships and recruitment
- accelerating cross-university and external relationships to improve the experience of students, staff and communities
- achieving increased success for students, colleagues and the communities we serve.





# SCHOOL OF EDUCATION

The School of Education is one of the larger schools in the University and operates across 4 campuses - Melbourne Burwood, Geelong Warrn Ponds, Warrnambool and Cloud (online). It is a leading provider of primary and secondary teacher education, early childhood educator preparation, educational leadership and adult, vocational and applied learning education. Our strong partnerships with Deakin Alliance schools promote an applied approach to preservice and ongoing teacher education.

It also offers a range of innovative and flexible postgraduate and higher degree by research programs. Courses are offered to on-campus students at the Melbourne Burwood, Geelong Warrn Ponds and Warrnambool campuses, and to students throughout Australia and internationally via our Cloud Campus (online). Our strong doctoral programs are preparing the next generation of researchers and academics.

School of Education academics are part of knowledge building communities at local, state, national and international levels. We have a wide range of expertise including: Arts Education; Mathematics Education; Science, Technology and Environmental Education; Health and Physical Education; Language and Literacy Education; Teaching English to Speakers of Other Languages; Teaching Languages; Humanities Education; Pedagogy and Curriculum; Educational Policy, Leadership and Internalisation; Early Childhood Education; Applied Learning and Professional Education and Training.

The School has a vibrant research culture and is involved in a number of ARC funded projects. Deakin University's Strategic Research Centre in Education, Research for Educational Impact (REDI) is located within the School of Education. Established in 2016, REDI builds on the previous achievements of CREFI - Centre for Research in Educational Futures and Innovation (2009-2015). Our research is designed around four distinctive programs and led by renowned scholars in collaboration with our highly active and successful educational researchers from a number of disciplines including CRADLE, Deakin University's Centre for Research in Assessment and Digital Learning.

Educational research at Deakin is premised on critical collaborations with key stakeholders, international scholars and agencies, including the government, industry and schools, with purposeful, strategic knowledge transfer through scholarly publications and professional forums to impact policy and practice. Our Partnerships Office offers specialised services for tendered and contract research across the globe.

The School offers a range of undergraduate and graduate initial teacher education programs for early childhood, primary, and secondary teaching as well as continuing professional learning programs in postgraduate degrees. We also offer a suite of Certificate, Graduate Certificate and Masters level courses specialising in the areas of Educational Leadership and Administration, Special Educational Needs, Teaching English to Speakers of Other Languages

(TESOL) and Teaching Languages. Many courses have attractive optional pathways and flexible entry and exit points providing versatility for busy professionals. In addition, the School offers the Graduate Certificate of Higher Education Learning and Teaching, designed to meet the requirements for tertiary teaching for academic staff at Deakin.

The School maintains a strong commitment to distance education and flexible learning. We provide the opportunity to 'learn where you live', and this means that the School's students are in all areas of Victoria, as well as across Australia and in international settings. We also welcome students from many regions, including North and South America, Europe, the Middle East and Asia, to study on-campus.

## MATHEMATICS EDUCATION

Members of the mathematics education discipline group bring a global perspective of mathematics education to their teaching and research. They are actively engaged with local and international researchers, teachers, schools and educational authorities, in order to deliver outstanding initial teacher education courses and in-service teacher professional learning and contribute to cutting-edge research in mathematics education.

Members of the mathematics education discipline group have proven track records in teaching, research and supervision of Higher Degree student researchers. Individuals and teams of staff are at the forefront of research and practice in a range of fields from pre-school to tertiary mathematics education both rural and metropolitan.

The teaching and research expertise of the mathematics education and discipline group is evident in the numerous teaching, publication and research awards granted to individuals during their academic careers.

The mathematics education discipline groups' research focuses on improving teaching and mathematics learning for all. Research themes and projects include inquiry and problem solving approaches, mathematical reasoning, resilience building and optimism, social justice, preservice and teacher professional learning among others.

The members of the group are actively engaged in the mathematics teacher and research communities and organisations. They contribute through their leadership as editors and reviewers and provide regular keynotes and presentations at national and international conferences for mathematics teachers and mathematics educational researchers. They also conduct professional learning programs for teachers and teacher educators.



# LECTURER IN EDUCATION (MATHEMATICS EDUCATION)

## TEACHING AND RESEARCH LEVEL B

The School of Education is seeking to recruit academics to join a team of established colleagues working in Mathematics Education.

The Lecturer will be required to teach mathematics education in secondary and other teacher education programs, and undertake research and publish in mathematics education. They will work collaboratively with members of the mathematics education team to achieve its research and teaching goals. The appointee will promote the School and maintain links and partnerships with relevant academic, industry and professional communities.

### CANDIDATES WILL HAVE (ESSENTIAL SELECTION CRITERIA):

- PhD in mathematics education and/or other relevant education qualifications and experience in secondary mathematics education
- excellent record of scholarly learning and teaching in UG and/or PG secondary mathematics education programs, including innovative curriculum design
- emerging reputation in research and scholarship through publications and/or exhibitions and/or success in obtaining external research funding
- ability to make a contribution to community engagement for research and teaching
- capacity to contribute to leadership of teaching, research and/or administration
- excellent interpersonal skills and a proven ability to establish good working relationships with colleagues.

### CANDIDATES WILL HAVE (DESIRABLE SELECTION CRITERIA):

- knowledge, understanding and appreciation of Aboriginal and Torres Strait Islander cultures and contemporary issues
- experience in teaching in secondary education settings or in secondary preservice education programs.

### THE APPOINTEE WILL BE EXPECTED TO:

- provide an excellent contribution to the School's teaching and research programs in mathematics education
- publish high quality research in journals of high repute
- contribute to the achievement of Deakin's strategic goals in research, teaching, engagement and innovation
- contribute to the research achievement of the School
- undertake professional and administrative roles and responsibilities that enhance the discipline and Deakin
- enhance the quality of teaching and learning activities, including identifying and responding to opportunities to advance the discipline
- develop relationships with research, community, industry and government for enhanced teaching and research outcomes.

### FOR FURTHER INFORMATION CONTACT:

Associate Professor Dianne Toe  
Head of School (Acting), Education  
Telephone +61 3 5227 1455  
[artsed-head-ed@deakin.edu.au](mailto:artsed-head-ed@deakin.edu.au)



## ORGANISATIONAL CONTEXT

The Lecturer in Education (Mathematics Education) will report to the Executive Dean through the Head of School.

## ORGANISATIONAL RELATIONSHIPS

The Lecturer in Education (Mathematics Education) will be actively involved in teaching, research, consulting, industry partnerships, and professional activity. The Lecturer in Education (Mathematics Education) will interact with other staff within the School and the Faculty, their peers in other universities, both nationally and internationally, and with community, professional and industry organisations. The Lecturer in Education (Mathematics Education) will liaise with students at all levels.

## POSITION LOCATION

This position is located at the Melbourne Burwood Campus. Staff may be required to travel from time to time to and from campuses to meet work requirements.

## PROBATIONARY PERIOD

The University may require an academic staff member who is offered a continuing or fixed term appointment with the University to serve a probation period of up to 36 months.

## SPECIAL REQUIREMENT

Working With Children Check



## PERFORMANCE EXPECTATIONS

Annual performance objectives and expected outcomes will be defined for this role in accordance with the Minimum Standards and Typical Duties for Academic Levels (MSTDALs) and Faculty Research Expectation Models (FREMs). Specific duties will be allocated with reference to the applicable Workload Allocation Model (WAM). These documents are updated from time to time and are available on request.





# APPOINTMENT PROCESS AND HOW TO APPLY

## APPLICATION

Thank you for your interest in the position of  
Lecturer in Education (Mathematics Education)

## TERM OF APPOINTMENT

Full-time and continuing

## REMUNERATION AND BENEFITS

An attractive remuneration package is offered.

This will include:

\$97,398 - \$115,199

### Salary information

Relocation Support (if eligible)

### Further information

### Total Rewards at Deakin



Deakin University values diversity, enables access and promotes inclusion. Deakin University is an employer of choice for women and strongly encourages applications from Aboriginal and Torres Strait Islander people.



# OUR LOCATIONS

Deakin has five campuses, one in Burwood, two in Geelong (Waterfront and Waurn Ponds), one in Warrnambool and the vibrant Cloud Campus through which 20% of our students study.

Melbourne has been named the world's most liveable city for more than 5 years running\*.

Further information regarding our locations and relocating to Victoria can be found here:

[Our locations](#)

[Considering Relocation](#)



[Melbourne timelapse](#)



[Geelong/SurfCoast timelapse](#)

\*The Economist's annual study

## BURWOOD CAMPUS

Melbourne Burwood Campus is Deakin's thriving metropolitan campus, attracting over 27,000 undergraduate and postgraduate on-campus students. It boasts open and inviting spaces for socialising and studying, innovative architecture, spacious new buildings and wireless hotspots.

