Doctor of Philosophy (Innovation) PhD.I

A UNE Doctoral Research Program
(formerly named the Doctor of Industries and Professions)
**What is the PhD.I?**

The UNE Doctor of Philosophy (Innovation) PhD.I is a unique, project-based, higher research degree. It involves contextual research on a project that identifies one or more tangible or process-based innovations that have identifiable impacts when implemented.

This doctorate suits anyone wishing to carry out project-based research on an Innovation within their field of expertise. It currently attracts candidates from Australia and internationally who want to research their chosen field of expertise and develop an Innovation through research.

Some current examples of Innovation projects within the award include:

- A Community Engagement Strategy for the Control of Wild Pigs.
- A New Approach to Post-Graduate Educational Programs for the Creative Industries.
- Harnessing Sources of Innovation, Useful Knowledge and Leadership within a Complex Public Sector Agency Network.

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**Current PhD.I Innovation project: A Community Engagement Strategy for the Control of Wild Pigs.**


This Innovation project is focused on research, development and utilisation of an innovative approach for the management of the hugely destructive feral pig (Sus scrofa). Within a blending of scientific research on biophysical feral pig ecology and social science research with landholders, Mr Marshall’s Innovation will integrate community engagement with pig ecology research to create more effective management and extension programs for landholders to effectively control this species.

Photo courtesy of Queensland Murray-Darling Committee. Photograph taken near Terry Hie Hie, east of Moree, NSW on landholders property just prior to attaching a GPS tracking collar to a feral pig.
Phase 1: The Research Learning Program

Candidates first undertake a tailored PhD.I Research Learning Program, which scaffolds the development and implementation of their Innovation project and the creation of their Innovation project Portfolio. Once the Research Learning Program is completed, candidates then start their Innovation research within practice-based communities relevant to their Innovation project and expertise (Phase 2).

Phase 2: The Innovation Project Portfolio

The Portfolio is the assessable research output from the PhD.I. It shows how the Innovation Project:

- is relevant to a specific context that constitutes an original, scholarly contribution to a field of work or learning;
- bridges the boundaries between the academic research community and practice-based communities relevant to their Innovation;
- conducts highly contextual development and evaluation, based on research principles and methods applicable to that Innovation project;
- produces evidence-based research surrounding the Innovation development and its realised or potential consequences;
- communicates, critically analyses and reflects on the entire innovation process including its role in innovation development and implementation; and
- produces an Innovation project Portfolio for examination based on empirical evidence and critical analysis that comprises three distinct, but interwoven knowledge pillars:
  o Innovation Conception and Development History;
  o Innovation Impact and Change Evidence;
  o Reflections and Anticipations.
Recently completed Innovation project Portfolio: A New Approach to Post-Graduate Educational Programs for the Creative Industries.

This Innovation project focused on research for the development of a new and innovative approach to postgraduate education in the Creative Industries, which was built around the needs and talents of individual students and designed to provide an opportunity for commercialisation of student projects.

Together, the Innovation projects and resultant Portfolios explicated the JMC Academy, Master of Creative Industries curriculum, with Dr Martin Cass focused on pedagogy and Dr George Markakis on the commercialisation aspect of this innovative curriculum.

Film and Television studio houses a working JMC Academy student broadcast. Photo courtesy of JMC Academy.

Entry Requirements

Candidates will need to hold a Masters, a Bachelor’s degree with Honours or other equivalent qualifications and will need to show evidence of research and professional experience and/or publications that can satisfy the University that they are able to complete the research qualification.

Complete requirements can be found at une.edu.au/phdi.
Recently completed Innovation project Portfolio: Harnessing Sources of Innovation, Useful Knowledge and Leadership within a Complex Public Sector Agency Network.

Wayne Gregson, Commissioner of the Western Australian Department of Fire and Emergency Services (DFES), developed and made operational an Innovation project called the Portal2Progress (P2P). The P2P is an online interactive system, designed to capture and cultivate the ideas of the staff and volunteers of the Western Australian DFES, in order to utilise their ideas and knowledge to improve the agency.

Photo taken in Yarloop on the South West Highway, Western Australia in 2016. Photo courtesy of the Western Australian DFES.
Domestic Candidates

For domestic candidates the PhD.I is offered over 3 years full time and 6 years part time. Under the guidance of their supervisors, candidates would begin their research by completing a tailored PhD.I Research Learning Program which is completed in 6 months for full-time candidates, and in 12 months for part-time candidates.

International Candidates

The PhD.I is offered full time over 4 years to international candidates with the Research Learning Program being completed in the first 12 months. Candidates then return to their country of origin to complete their 3 year research project and Innovation project Portfolio. International candidates are typically supervised by an academic from UNE and from a university within their country of origin as well as a suitably qualified professional. Candidates are expected to visit UNE regularly throughout their research degree, thereby receiving the benefits of studying in Australia, at UNE, while conducting their studies where their Innovation research is intended to be applied.

For further information, please visit: une.edu.au/phdi
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