

# e-Grad School (Australia)

## What is e-Grad School?

[e-Grad School](#) supports the development of generic professional skills in Higher Degree Research (PhD and Masters by Research) students during their research degree candidature, and Early Career Researchers so that they can enter the workplace more employer, innovation and industry ready.

### e-Grad School focus and strength:

- Quality and reputation
- Industry engagement and internship for the real world
- Digital capacity for workplace readiness
- Networking opportunity with researchers from different universities
- Indigenous perspectives embedded in teaching learning
- Early Career Researchers and supervisors' advancement
- Asia Pacific focus – HDR and supervisors' growth
- Integrated research-career focus
- Cohesive development approach from HDR, ECR to supervisors

e-Grad School offers taught modules across 3 skills building learning pathways: **Advance**, **Lead** and **Engage**. With access to advanced technology, opportunities for international experience, and a focus on transdisciplinary research, our training environment is truly transformative. Students can undertake 5-week long modules from more than one pathway based on skills gaps they have identified or in areas that they think will support their HDR or career goals.

Module Assessment items:

To pass the module students must:

- Engage in online discussion (posting and commenting on other posts) and polls;
- complete self-reflection in a module workbook;
- Complete five weekly quizzes (100% completion).

Module delivery:

- Mode: Online, self-paced, moderated
- Estimated time commitment: 3-5 hours per week (15-25 hours per module)
- Duration: 5 weeks + 0 week



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Skills that help you consider, critique & contextualise your research

- Digital Competencies for Researchers
- Critical and Creative Thinking
- Global Sustainability
- Practice-led Research in Creative Arts, Media and Design
- Research Integrity in Practice
- Introduction to Coding for Researchers



Skills that help you lead projects, people & careers

- Communication and Collaboration
- Explore Your Career Potential
- Leadership and Communication
- Project Management
- Know your Job Market Value
- Mental Wellbeing for Researchers
- Write Your Journal Article in Twelve Weeks
- Presenting your Research



Skills that help you engage with innovation, end-users & industry

- Entrepreneurship
- Financial and Legal Concepts for Researchers
- Public Policy
- Research Commercialisation
- Transdisciplinarity in Research

The e-Grad School modules available in 2022:

## e-Grad School (Australia)



2022	Semester 1A 12 March – 18 April (Monday) (Week 0 starts 7 March)	Semester 2A 23 July – 26 August (Week 0 starts 18 July)
Delivery Dates Modules	<ul style="list-style-type: none"> <li>• Introduction to Coding for Researchers</li> <li>• Financial and Legal Concepts for Researchers</li> <li>• Leadership and Communication</li> <li>• Mental Wellbeing for Researchers</li> <li>• Project Management</li> <li>• *Write Your Journal Article in Twelve Weeks (until June)</li> </ul>	<ul style="list-style-type: none"> <li>• Critical and Creative Thinking</li> <li>• Digital Competencies for Researchers</li> <li>• Introduction to Coding for Researchers</li> <li>• Global Sustainability</li> <li>• Transdisciplinarity in Research</li> </ul>
	Semester 1B 14 May – 17 June (Week 0 starts 9 May)	Semester 2B 17 September – 21 October (Week 0 starts 12 Sept)
Delivery Dates Modules	<ul style="list-style-type: none"> <li>• Communication and Collaboration</li> <li>• Entrepreneurship</li> <li>• Explore Your Career Potential</li> <li>• Research Commercialisation</li> <li>• *Presenting your Research</li> </ul>	<ul style="list-style-type: none"> <li>• *Know your Job Market Value</li> <li>• Mental Wellbeing for Researchers</li> <li>• Practice-led Research in Creative Arts, Media and Design</li> <li>• Public Policy</li> <li>• Research Integrity in Practice</li> </ul>

\*New Offerings in 2022

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## Module Synopsis:



## Communication and collaboration

This module will address the specific communication skills required of you as a researcher, to collaborate with a broad and complex diversity of stakeholders. Navigating our way in this complex communication milieu can be confusing and demanding. We will present and examine these and other related key communication items, critical to effective communication within the world of local and global collaborative initiatives.

On completing this course, you should be able to:

- Understand ethical standards when communicating with stakeholders through external platforms, such as the media and in collaborative initiatives
- Understand the complex processes involved in communicating with diverse stakeholders and professional colleagues
- Build skills in communicating with stakeholder audiences and in collaborative alliances
- Be able to pitch yourself, your research and your value proposition

Key benefits of this module include:

- Being able to self-manage individual communication and collaboration techniques
- Improving communication with a wide range of stakeholders and in collaborative transdisciplinary relations
- Enhancing your ability to meet the needs of end users



## Critical & Creative Thinking

This course involves learning more about critical and creative thinking, and how applying critical and creative thinking approaches, techniques and tools can assist you in your research journey. We will examine conventional accounts of critical and creative thinking and compare approaches to across field of practice. We will also consider the balance of logic, knowledge, belief, behaviour, and action involved in critical and creative thinking.

On completing this course, you should be able to:

- Understand key critical and creative thinking approaches, tools, and techniques
- Apply knowledge of critical and creative thinking to individual research projects and in developing new research insights
- Understand the importance of critical and creative thinking as an embodied, enacted practice
- Compare approaches to critical and creative thinking across field of practice

Key benefits of this module include:

- Being able to recognise critical and creative thinking in various contexts
- Incorporate critical and creative thinking into your own research and work



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## Digital Competencies for Researchers

In today's workplace, research graduates require a set of digital practices, behaviours and identities that inform their academic and professional practices. This module provides you with the tools and knowledge to communicate, collaborate and innovate within your research area and your career. We will look at the impact of big data and datasets on research, and utilise data analytics, digital creation, and data visualisation.

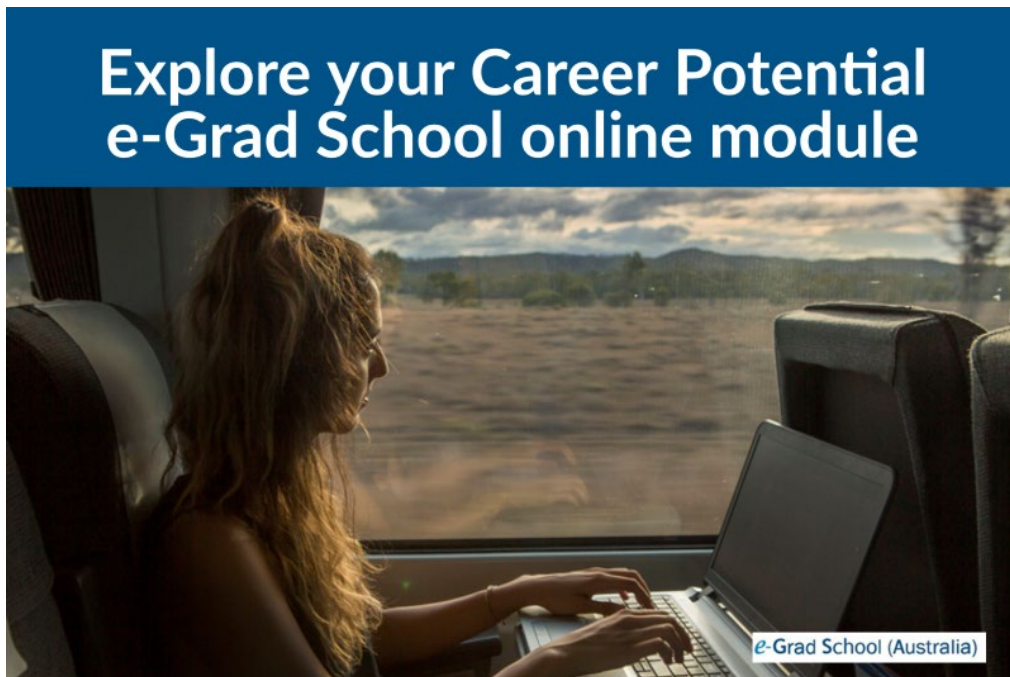
On completing this course, you should be able to:

- Understand the concepts around digital competencies for researchers
- Understanding digital academic profiles and develop a digital research profile
- Understand concepts and implication of the management of data and information
- Effectively communicate research outcomes and collaborate via written, oral and digital media platforms

Key benefits of this module include:

- Develop your own digital research profile
- Communicate your research via open access platforms, pitches to others and online communication strategies
- Build your information literacy skills in social media tools, digital identities and communication platforms

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## Explore Your Career Potential

This module involves learning about your personal attributes and the need to consider and plan your career options. Regardless of whether you have already identified a specific career path, or are still considering your options, you should develop a plan for your professional career and identify the skills you need to get there. We will use reflective practice to examine your attributes, values and goals in order to explore potential career paths.

On completing this course, you should be able to:

- Identify and manage personal attributes, skills and assets
- Build understanding of the contemporary job market and explore possible career options for research graduates
- Develop career-building strategies to identify and make the most of future opportunities
- Develop knowledge and skills in the development of a Career Portfolio

Key benefits of this module include:

- Feeling more confident in professional situations
- Easier identification of roles and positions relevant to you
- Feeling more confident to ask your supervisor or other advisors questions about career building
- Making the most of career opportunities as they arise
- Making timely decisions about issues affecting your career

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## Entrepreneurship

The study of entrepreneurship is multidisciplinary so this module will assist you in understanding not only the nature of entrepreneurship, who entrepreneurs are, and how they take advantage of an opportunity; but also why it is important to researchers. It's designed for those who wish to directly undertake, support, finance or facilitate the creation and growth of new ventures that are based upon innovative ideas which significantly change the status quo.

On completing this course, you should be able to:

- Understanding entrepreneurship, its different forms and the factors that influence it
- Understand how entrepreneurs use creativity to turn ideas into opportunities
- Develop a broad knowledge of market dynamics
- The ability to identify and analyse entrepreneurial opportunities

Key benefits of this module include:

- Be more effective in your role as a social, economic and technological change agent
- Gain insights into identifying potential entrepreneurial opportunities

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## Financial and Legal concepts for Researchers

This module will help researchers navigate the crucial, and sometimes overwhelming, world of financial and legal aspects of research projects. You will learn about various funding environments and how researchers fit into this environment. The module will also examine strategies to find and apply for funding, completing contracts and the practical aspects of costing budgets.

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## Global Sustainability

This module is designed to enable you to critically reflect on how your personal, professional and academic practice relates to global sustainability. We will explore types of capital, consumption patterns, sustainable community initiatives and environment issues. The module will assist you in understanding and investigating the implications and potential application of your research in the context of global sustainability.

On completing this course, you should be able to:

- Understand and evaluate the key concepts, methodologies and practices around sustainability
- Be able to define sustainability and identify differences between your definitions
- Be able to apply key sustainability principles to research practice

Key benefits of this module include:

- Make decisions on the basis of a personal and professional interpretation of sustainability
- Reflect critically on global sustainability as it relates to your personal, professional and research practice
- Communicate and collaborate with others in presenting and defending your positions on global sustainability

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## Introduction to Coding for Researchers

This module introduces you to the web development languages HTML, CSS and JavaScript. It is a practical module. While getting to know these languages, you will be building your own website, creating an online career portfolio which includes tables, quizzes and webpage layouts.

On completing this course, you should be able to:

- Understand the fundamentals of HTML, CSS and JavaScript
- Manage your code projects through GitHub
- Create interactive web applications

Key benefits of this module include:

- Promoting your research and profile by creating your own websites
- Adding a new real-world skill to your portfolio, to show potential employers

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## Know your Job Market Value e-Grad School online module



### Know your Job Market Value

This module helps you to refine your professional identity to help you clarify your future direction. This module allows you to explore relevant industry fields, create tailored documents and pitches to suit industry needs and better understand the job market value of your skills and experiences. This is a great way to continue building some of the skills gained from the Explore your Career Potential module.

On completing this course, you should be able to:

- Articulate a professional identity statement that covers your current skills and your future focus
- Communicate your key skills for maximum impact on LinkedIn
- Identify and learn how to secure professional roles

Key benefits of this module include:

- Make yourself more employable by finding out what industry and academia expects of their new staff
- Be part of a dynamic online learning environment facilitated by a qualified careers professional and leadership coach in a community of future-focused professional researchers

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## Leadership & Communication

This module allows you to explore the key concepts of leadership and communication and considers how this information can be contextualised in your own research environment. We will also explore ways to translate knowledge of leadership and communication into better self-management and professional engagements.

On completing this course, you should be able to:

- Understand the complex processes involved in leadership and communication
- Develop a critical awareness of methods for effective leadership and communication
- Self-manage individual leadership and communication development

Key benefits of this module include:

- Advancing your leadership self-development
- Improving communication and relationships in organisational contexts
- Honing your skills in meeting the needs of end users



## Mental Wellbeing for Researchers e-Grad School online module



### Mental Wellbeing for Researchers

The Mental Wellbeing for Researchers module provides HDR students with basic strategies to support helpful thinking habits, raise awareness of mental wellbeing issues, and understand where to access further help.

On completing this course, you should be able to:

- Understand the concept of mental wellbeing in the 'real world'
- Understand the mental health landscape for HDRs
- Develop strategies for coping with stress in the university context

Key benefits of this module include:

- Learning how to assess your own mental wellbeing
- Developing a self-care plan to help maintain your mental well-being

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## Practice-led Research in Creative Arts, Media and Design e-Grad School online module



### Practice Led Research

The aim of this module is to familiarise students working in the creative arts, media and design with the methodological research design implications of undertaking enquiry through practice. While the emphasis is given to areas of creative practice, the general scope and pathways can be applied to research based in any form of professional, artistic, creative or innovative practice.

On completing this course, you should be able to:

- Understand concepts and methods of Practice-led research in Creative arts, media and design
- Understand the research design implications of undertaking enquiry through practice
- Understand the relationship between Practice-led Research and professional practice

Key benefits of this module include:

- Develop an understanding of international benchmarks and quality assurance indicators in Practice-led Research, including examination methods
- Consider exemplars of practical methods and approaches in Practice-led Research
- Understand the major methodological principles that underpin the practice, including ethics and intellectual property implications

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## Presenting Your Research

This online module will provide you with basic strategies to create and deliver research presentations that will have your audience enthralled and informed. This module will help you explain your complex ideas simply, give you confidence in your own skills and offer insights into how the professionals do it.

On completing this course, you should be able to:

- Learn how to plan an impactful oral and visual research presentation
- Improve your ability to deliver an impactful oral and visual research presentation
- Understand fundamental technologies needed in delivering research presentations

Key benefits of this module include:

- Inform and inspire your audience in research milestone, competition and conference presentations
- Practice your new skills in a supportive environment with rich peer feedback

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## Project Management

This module introduces you to the foundations and principles of Project Management. We explore the scope and phases of projects and consider how your projects can be better managed. This module combines theory with practise, as we apply new-found knowledge to real projects. We will consider the challenges you may encounter in projects and the best way to achieve your project goals.

On completing this course, you should be able to:

- Understand and identify project stakeholders, objectives and deliverables
- Build understanding in the management of project time, cost and quality
- Develop skills in scoping and managing project processes

Key benefits of this module include:

- Learn how to manage your research project and other projects more professionally and efficiently
- Learn about tools that you can use to assist your project management throughout various phases of its development



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## Public Policy

Public policy existing somewhere between order and chaos. In this module we will be exploring this contested space, to consider what public policy incorporates and how it is implemented. This module is about learning more about public policy, and how this information can be contextualised in your research environment.

On completing this course, you should be able to:

- Improved knowledge of concepts and processes related to public policy
- Increased appreciation of the complex nature of public policy
- Increased understanding of the sources and purposes of existing public policies
- Appreciate the relationship between research and public policy

Key benefits of this module include:

- Understanding and influencing the policy environment
- Engaging with government and industry
- Managing contingencies in the policy process

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## Research Commercialisation

This module is about increasing your knowledge of Intellectual Property, commercialisation models, and how this information can be contextualised in your research environment.

On completing this course, you should be able to:

- Increase your awareness of methods for protection and assessment of intellectual property
- Display a basic understanding of the complex processes involved in research commercialisation strategies and pathways
- Understand common models used for the commercialisation of research
- Translate knowledge of research commercialisation into innovation and management processes that are suitable to each student's research context

Key benefits of this module include:

- Connecting with collaborators
- Engaging with Industry
- Meeting the needs of end users

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## Research Integrity in Practice

This module is about research integrity - *in practice*. That is, conducting research appropriately, not only within your studies but also in your work-life, in and beyond the university. Throughout this module, we will be considering ethical principles and their applicability to real life. Principled decision-making in our professional lives frequently involves discussion and negotiation, so we will be using scenarios to prompt your collective participation.

On completing this course, you should be able to:

- Understand the key principles of research integrity and apply this knowledge to specific scenarios
- Learn how the principles of research integrity may be applied in practice
- The ability to identify issues related to research integrity
- The ability to make well-informed decisions related to research integrity

Key benefits of this module include:

- Finding it easier to identify activities that involve research integrity
- Feeling more confident in applying the principles of research integrity
- Making the most of transferable skills that you can take out into the workplace
- Feeling more confident about the transferability of your research skills



## Transdisciplinarity in Research

This online module is all about learning more about an emerging research practice known as transdisciplinarity and how this information can be contextualised in your research environment.

On completing this course, you should be able to:

- Demonstrate a greater awareness of concepts, issues and practices associated with transdisciplinarity
- Display a basic understanding of the complex processes involved in developing transdisciplinary approaches and environments
- Be able to translate these learnings into future engagements and collaborations with researchers, industry stakeholders and end-users

Key benefits of this module include:

By becoming more familiar with these concepts you should have more success in developing future opportunities to engage in transdisciplinary practices and projects.



## Write Your Journal Article in Twelve Weeks e-Grad School online module



### Write Your Journal Article in Twelve Weeks

This online module is all gaining practical experience writing a research article for a peer-reviewed journal. The module creates a focused and supportive learning environment and allows you to turn a draft paper into a quality article to submit for publication.

On completing this course, you should be able to:

- Learn journal article writing strategies to write a quality paper you can submit for publication
- Gain practical experience in writing a research article for a peer-reviewed journal

Key benefits of this module include:

- Get your publication written and submitted to a journal by the end of the module
- Stay focused and engaged in a step-by-step process
- Receive feedback from other researchers and your moderator as you progress your writing

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For more information on:

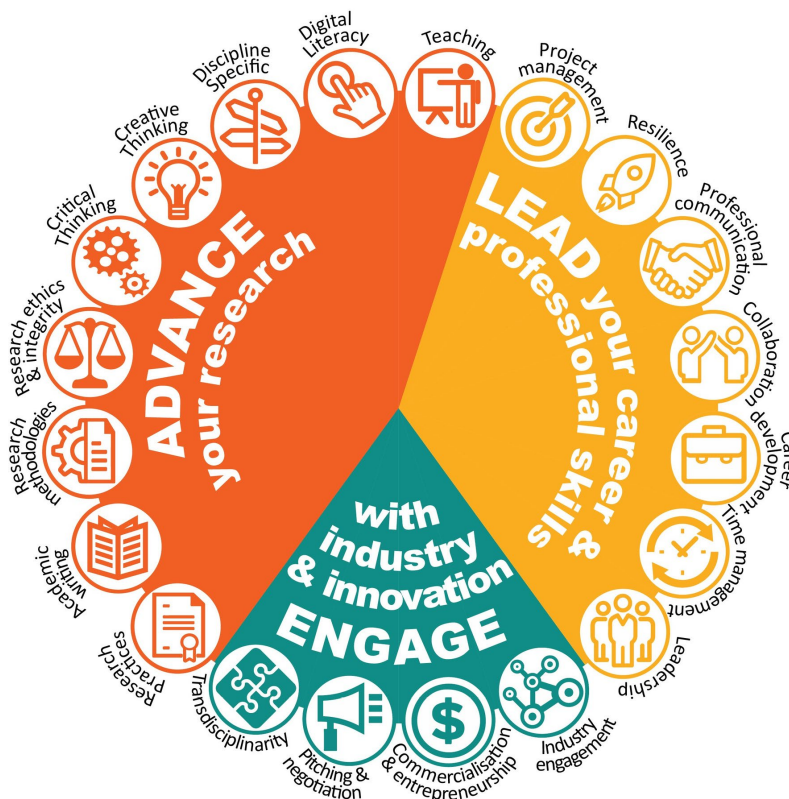
- Fee structures
- How students can access these modules
- Content queries

Please email: [egsacoordinator@qut.edu.au](mailto:egsacoordinator@qut.edu.au)

Visit our website: <https://www.qut.edu.au/research/e-grad-school>



<https://www.youtube.com/embed/g3EHkiTq16w>



## What other students have said:

### Project Management

*I have now been employed as a project manager on two occasions and going forward in my career I would like to continue to do so. I therefore wanted to ensure the methods I have been employing were correct and learn additional ways to manage projects efficiently.*

### Digital Competencies for Researchers

*Firstly, the training widened my knowledge in the aspect of creating and maintaining a digital identity as a researcher. I also got exposed to several digital tools that I believe will improve my competencies as a researcher. I must also acknowledge the level of interactivity on the platform. It made the module interesting for me and gave me the digital learning experience.*

### Leadership and communication

*I have become exposed to new leadership skills and have more understanding of the 'what', 'why' and 'how' of effective communication. These are crucial to my research and future employments in organisations.*

### Financial and Legal Concepts for Researchers

*Great way to understand your legal and ethical necessities as a researcher that overall helps reinforce general practice and usability.*

### Introduction to Coding for Researchers

*Frankly speaking, I never thought I'd be able to make a webpage on my own. The way your modules are structured, it's just amazing. I can not only modify code as per the information on the page, but I tend to remember what I have written in the code so far, without much effort. This is magical.*

### Entrepreneurship

*This is an insightful course to explore to what entrepreneurship means, how to learn and assess some case studies to understand the importance of creativity, innovation, and screening opportunities.*

### Global Sustainability

*If you are interested in learning about the interconnections between the environment, people, and economy, and how this relates to your everyday life, do this course. It will inspire you.*

### Research Integrity in Practice

*Enjoyed break down of practicing integrity in research. It was very applicable to my PhD. The classroom discussions gave me the opportunity to reflect on our understanding of the study materials and to use our knowledge to interpret everyday life scenarios.*

### Explore Your Career Potential

*I have to say that this subject is an excellent way for all HDR students to gain confidence and skills in both skills and values (even with professional backgrounds in HR).*

### Transdisciplinarity in Research

*I consider the most successful aspect is the way the module is delivered. The activities are well planned, and the slides are well developed and interesting. The moderator's interaction is not only respectful but also challenging in which she makes interesting questions that made think deeply about TDR.*

### Mental Wellbeing for Researchers

*This module allowed me to take the time to put me and my mental health first in my research journey. When I was reading other comments from peers I realized that almost everyone has anxiety, stress, impostor syndrome, etc. (So, I am not too bad.). I also value the inclusion of Indigenous culture.*