

Graduate Research Development Map



The knowledge, skills, and strategies to conceptualise, analyse, and deliver fresh perspectives and creative solutions to global challenges.

		Knowledge and Research Strategies			Innovation, Creativity & Discovery		Digital & Technology		
EARLY STAGE	SYNCHRONOUS	HASS Research Writing Intensives (series of 10 workshops)	Science Research Writing Basics (6-week course)	Science Thesis workshop	Visual Communication for Graduate Research: PowerPoint	Posters for Conferences	Thesis Formatting with Word	EndNote	Nvivo
		Humanities Research Writing Basics (6-week course)	Thesis by Publication workshop	Writing Retreat	PVC Graduate Research Challenge		MQ Library workshops	Stata: Understanding Stata and Preparing your data	Using Excel in research
		Improving the flow of your writing	Establish a theoretical framework	Writing the methods workshop			Data Management Plan (DMP) Orientation for Graduate Research Students	Stata: Descriptive statistics and Univariate statistics	Survey Design
		1:1 with GR Development Advisor and Statistical Advisor	1:1 with a Faculty or Clinical Librarian	Audit postgrad units			Build your academic profile: increase your research visibility online		
	ASYNCHRONOUS	LibGuides MQ Library	Instats courses on Research Strategies and methods		Coursera courses on Innovation and creativity	Udemy Design thinking for beginners: Develop innovative ideas	Instats courses on software	Instats courses on survey design	
MID STAGE	SYNCHRONOUS	STEMM or Humanities Writing for Publication courses	HASS Research Writing Intensives (series of 10 workshops)	Join a Research Writing Group	Visual Communication for Graduate Research: Infographics	How to win the 3MT	AI workshops	Microsoft AI Skills Bootcamp	AI-assisted self-editing course
		Science Thesis workshop	Thesis by Publication workshop	PGRF Grant Writing workshop	PVC Graduate Research Challenge	MQ Incubator programs	Coursera course: Excel (Macquarie University)		
	ASYNCHRONOUS	Instats courses on Research Strategies and methods			Incubator Demo Days		Instats courses in SPSS/Matlab/Python/R	Coursera courses in technology and digital skills	
LATE STAGE	SYNCHRONOUS	Workshops, eg Responding to reviewers	STEMM or Humanities Writing for Publication courses	Research Writing Group	Visual Communication for Graduate Research: Infographics	MQ Incubator Research Impact program	AI-Assisted self-editing course		
	ASYNCHRONOUS	Instats courses on results			Coursera courses on Innovation, creativity and discovery	Udemy Innovation Master Class	Coursera courses on technology and digital skills	Instats courses	

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The personal qualities to self-manage, build effective relationships, develop networks and target opportunities relevant to personal aspirations.

Self-Management								
Career Development								
EARLY STAGE	SYNCHRONOUS	Graduate Researcher Coaching Program	Time Management for Graduate Researchers	Plan like a Pro	Goal setting for Graduate Researchers	Boost your academic profile online	Professional communication in the research world	Attend conferences and/or industry events
		Graduate Research Writing Retreats	GR Mentorship program (as mentee)	Manage your supervisor		Industry Bootcamp for Graduate Researchers iLearn unit	Industry Internships	So you want to be an academic? panel
	ASYNCHRONOUS	GRDP Skills Gap Analysis	MQ Student Wellbeing website	MQ Career Hub Self - Awareness	Healthy Living MQ website	Udemy courses on career development	MQ CareerHub: Employability Support for Graduate Researchers	
MID STAGE	SYNCHRONOUS	Graduate Research Coaching Program	Graduate Research Development Writing Retreats	Time Management for Graduate Researchers		Build your academic research LinkedIn profile	Join a Community of Practice and/or Professional Society	Industry internship
	ASYNCHRONOUS	GRDP Skills Gap Analysis	Udemy Growth Mindset for Leadership and Organisations	MQ Career Hub Preparing for Work learning path		MQ Career Hub Workplace skills		
LATE STAGE	SYNCHRONOUS	Graduate Research Coaching Program	Writing Retreat	Demystifying the examination process	Boost your academic profile: increase your research visibility online	GR Mentorship program (as mentor)	Industry Career panel	
	ASYNCHRONOUS	Apply for GRDP badge	MQ Career Hub Preparing for Work learning path			MQ Career Hub Hunting for jobs, resumes & applications, Interviews & offers	Apply for GRDP badge	



The knowledge and skills to plan, execute and deliver ethical and sustainable projects with integrity and professionalism.

Project Planning & Delivery

Responsible Research

EARLY STAGE	SYNCHRONOUS	Graduate Research Welcome	Plan like a Pro	PGRF grant writing	Data Management Plan (DMP) Orientation	Copyright Essentials	Using AI in research workshops
		Graduate Research Coaching Program	PGRF Grant Writing workshop	Goal setting for Graduate Researchers	Lab induction workshops	GR Induction iLearn unit	
	ASYNCHRONOUS	Graduate Research Induction iLearn	Udemy courses	Coursera courses on project planning	MQ Using Generative Artificial Intelligence in Research Guidance Note	Copyright for Students and Researchers webpage	Introduction to Human Research Ethics training module
MID STAGE	SYNCHRONOUS	Strategic publishing	PGRF Grant Writing workshop	Graduate Research Coaching Program	Human Research Ethics Drop In Session	AI-assisted self editing course	From Conferences to Journals: Recognising predatory practices workshop
	ASYNCHRONOUS	External Grant Applications	Industry mentor program	MQ Career Hub: Project management learning path	Instats or Coursera course on using AI responsibly in research		
LATE STAGE	SYNCHRONOUS	Graduate Research Coaching Program	Graduate Research info sessions: Demystifying the examination process	Time management hacks workshop	AI-assisted self editing course	From Conferences to Journals: Recognising predatory practices workshop	
	ASYNCHRONOUS	Instats courses on project planning	Coursera: Researcher management and leadership training (University of Colorado partner)		"How do I get my thesis professionally edited?" guide		

Graduate Research Development Map



The leadership and communication skills to influence ideas, disseminate information and drive solutions to cultural, social and environmental challenges.								
Communication & Information Exchange				Leadership & Social Influence		Global Citizenship & Civic responsibility		

EARLY STAGE	SYNCHRONOUS	Thesis by Publication	Developing your presentation voice	Delivering an Oral Presentation of Research: Onsite or Virtual	Conference Hacks workshop	Graduate Research Peer Mentoring - Intro & Planning	Graduate Research Welcome	Graduate Research Peer Mentoring Intro & Planning
		Humanities/STEMM Writing for Publication courses	Visual Communication for Graduate Research: Infographics	How to win the 3MT	STEPS: Skills for Teaching, Engaging, and Promoting Student Learning, MQ Academy	Macquarie Academy: Teaching Development & recognition workshops	MQ Coursera course: Visionary leadership, identity and motivation: become a meaning maker	
		MRes Conference Presentation practice	Present at the Graduate Research Conference	From conferences to journals: Recognising predatory practices	Working with Community Researchers in Co-produced Research	MQ Incubator program		
		Lucy mentoring program for MQBS and FSE	Global PhD program/Cotutelle	Professional communication in the research world	Boost your academic profile: increase your research visibility online	Diversity and Inclusion MQ webpage	Be a Better Human MQ webpage	Empowering Women MQ webpage
	ASYNCHRONOUS	Coursera courses	Start a research blog and/or develop a social media presence		Macquarie Academy: Professional development Online Module Catalogue	Check opportunities for Graduate Research student leadership on the GRA website	Sexual and Gender diversity MQ webpage	Cultural diversity MQ webpage
MID STAGE	SYNCHRONOUS	Strategic Publishing - choosing a journal workshop	Join a research writing group	Enter 3 Minute Thesis competition	MQ Incubator Programs	Industry Mentoring Network in STEM (IMNIS)	Pro Vice-Chancellor Graduate Research Challenge	
		STEMM/Humanities Writing for Publication courses	Build your academic research LinkedIn profile	Present at GR Conference and other conferences	Teaching Development and Recognition MQ website	Coursera Adapt your leadership style (Macquarie University)	Coursera Cultural intelligence: Become a global citizen (Macquarie University)	
	ASYNCHRONOUS	Publish research in peer-reviewed journals	Coursera/Udemy courses on Communication & Information exchange	Coursera courses, eg Engaging research communication strategies (University of Colorado)	Udemy courses on networking & leadership	Leadership seminars on Instats	GRDP badge	Global leadership seminars on Instats
LATE STAGE	SYNCHRONOUS	Visual Communication for Graduate Research: Infographics	Strategic Publishing - choosing a journal	Enter 3MT; present at conferences	Visual Communication for Graduate Research: Infographics	Volunteer as a Peer Mentor or Student Rep on a University Committee	Pro Vice-Chancellor Graduate Research Challenge	
	ASYNCHRONOUS	MQ Academy - Teaching Development and Recognition (self-directed courses)	Coursera / Udemy courses on Management Communication		Coursera: Transitioning to Independence in research leadership (University of Colorado partner)		Coursera: Sustainability Leadership Development (University of Michigan partner)	