

Plans for the *Research Skills Toolkit*  
How will your research skills subscription develop over time?

Research Skills Master Programme

- Transferable Skills**
  - Working with your Supervisor: 2 hours
  - Managing your Research Project: 3 hours
  - Intellectual Property in the Research Context: 2 hours, 30 mins
- Getting Published in the Arts: 2 hours, 30 mins
- Getting Published in Sciences: 2 hours
- Conferences, Presenting and Networking: 2 hours
- Career Planning in the Arts, Humanities and Social Sciences: 2 hours, 30 mins
- Career Planning Sciences: 2 hours, 30 mins
- Entrepreneurship in the Research Context**
  - Academic Entrepreneurship: 2 hours, 30 mins
  - Entrepreneurial Opportunities: Recognition and Evaluation: 3 hours
  - Entrepreneurial Resources: People, Teams and Finance: 3 hours

Research Skills Toolkit

- Ethical Research**
  - Becoming an Ethical Researcher: 2 hours
  - Research Ethics in Practice: 2 hours
- Research Methods**
  - Undertaking a Literature Review: 2 hours
  - Principles of Research Methods: 2 hours
  - Research Methods in Practice: Social Sciences: 1 hour
  - Research Methods in Practice: Arts and Humanities: 1 hour
  - Research Methods in Practice: STEM: 1 hour
- Becoming a Researcher (Publishing 2021)**
  - Working with your Supervisor
  - Effective Management of Doctoral Research
  - Intellectual Property in the Research Context
- Disseminating your Research (Publishing 2022)**
  - Getting Published
  - Conferences and Presentations
- Beyond Research (Publishing 2022)**
  - Career Planning
  - Entrepreneurship, Resources and Opportunities

Discover a fresh, interactive approach to research skills training

- Introduce key concepts via clear explanations, dynamic diagrams, and video interviews
- Explore common challenges through scenario-based activities, nuanced examples, and expert tips
- Evaluate gaps in researchers' knowledge via regular, summative quizzes
- Supplement core activities with "pods" offering further information for researchers to explore

Interactive graphics highlight and clarify key concepts

Illustrated scenarios place learning in a real-world context

Mobile-optimised courses support accessibility for researchers with busy schedules

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Research Skills Toolkit

# Research Skills Toolkit

Epigeum is currently updating its research skills resources to create the *Research Skills Toolkit*: a suite of flexible, streamlined, and comprehensive training programmes that will build the knowledge and skills that are essential to becoming a first-class researcher. Each of the programmes, and their component parts, can be undertaken independently or combined with other elements of the Toolkit – supporting the unique needs of your institution and learners.

[www.epigeum.com](http://www.epigeum.com)



# Research Skills Toolkit

## How does it work today?

Developed from the **Research Skills Master Programme**, the **Research Skills Toolkit** integrates a fresh and modern learning design and an enhanced user experience, retaining and enhancing its coverage of key research skills and contemporary research challenges over the coming months and years.

## Ethical Research

The **Ethical Research** programme takes an interdisciplinary approach to train researchers in the core knowledge and skills that underpin ethical research. Available as Australian and international versions, in order to clearly highlight relevant legislation, the programme consists of two cross-disciplinary courses:

- **Becoming an Ethical Researcher** examines the fundamental principles of research ethics, covering ethical values, decision-making, and challenges through explanatory diagrams and animations, engaging examples and activities, and thought-provoking polls
- **Research Ethics in Practice** explores the practical applications of ethics during a research project, including working with human participants, approvals, confidentiality, and consent, via authentic video interviews, scenario-based activities, and case studies

## Research Methods

The **Research Methods** programme is made up of five courses – each one integrating coverage of the latest developments, trends, and challenges in research practice, and equipping researchers across all disciplines with the theoretical knowledge and practical skills needed to confidently undertake independent research projects:

- Integrating examples, scenarios, and peer insights from a wide range of subjects, **Undertaking a Literature Review** supports researchers throughout the process of conducting a literature review – from planning and choosing a methodical approach, to sourcing, evaluating, and presenting findings
- **Principles of Research Methods** presents the core theoretical principles that under-pin research methods across all disciplines, exploring available methodologies, and supporting interdisciplinary approaches and mixed method approaches
- **Research Methods in Practice: Social Sciences**, **Research Methods in Practice: Arts and Humanities**, and **Research Methods in Practice: STEM** address the practical applications of research methods in specific subject areas, using scenario-based activities and nuanced examples to explore common challenges

## Entrepreneurship in the Research Context

The **Entrepreneurship in the Research Context** programme is made up of three courses, comprehensively exploring the challenges and opportunities associated with becoming an entrepreneur in an academic context, with a focus on science and technology:

- **Academic Entrepreneurship: An Introduction** presents the concept of an entrepreneurial journey – introducing a number of key ideas, exploring entrepreneurial characteristics, motivations, and capabilities, and encouraging researchers to reflect on their own context
- **Entrepreneurial Opportunities: Recognition and Evaluation** examines the origins of entrepreneurial opportunities, guiding researchers through the process of identifying them, evaluating their attractiveness, and developing business plans
- **Entrepreneurial Resources: People, Teams and Finance** helps researchers think in a logical and systematic way about the resources required to start a successful venture, covering the opportunities and challenges associated with social and financial capital

## Transferable Skills

The **Transferable Skills** programme is made up of eight courses, each one developing vital knowledge, capabilities, and confidence at key stages of the research lifecycle:

- **Working with your Supervisor** equips researchers with strategies to proactively maintain a positive, professional relationship with their supervisor or principal investigator – encouraging reflection on expectations, and flagging common issues
- **Managing Your Research Project** explores a range of project management, planning, and problem-solving techniques that can be applied to researchers' work, highlighting the various stages of a research project's lifecycle, the stakeholders involved, and the different forms of documentation that can support researchers to ensure their research meets its key milestones
- **Getting Published in the Arts** and **Getting Published in the Sciences** provide discipline-specific guidance to researchers planning to publish their research through academic papers, articles or books – covering the processes involved, including proposals, submissions, and peer reviews, and highlighting key changes to the publishing landscape that may impact on their experience
- **Intellectual Property in the Research Context** provides an introduction to intellectual property, highlighting the importance of building knowledge in this area, exploring the main intellectual property rights (IPRs), and addressing issues around confidentiality, ownership, and exploitation
- **Career Planning in the Sciences** and **Career Planning in the Arts, Humanities and Social Sciences** support researchers in developing a career plan – analysing key factors in career decision-making, career routes within and outside of academia, and transferable skills that can be marketed to employers
- **Conferences, Presenting and Networking** encourages researchers to think strategically about attending academic conferences – providing guidance on choosing which events to attend, submitting and presenting papers, networking, and organising conferences

## Considering a blended approach?

To facilitate a blended learning approach, we provide step-by-step guidance on suggested tutor-led and peer-to-peer activities, mapped to the learning outcomes of the online courses.