

# CEDS 7003 RESEARCH METHODS IN EDUCATION

**Credit Points** 10

**Legacy Code** 102824

**Coordinator** John Ley ([https://directory.westernsydney.edu.au/search/name/John Ley/](https://directory.westernsydney.edu.au/search/name/John%20Ley/))

**Description** Research Methods in Education provides students with an introduction to educational research methods and data analysis. It enables students to develop their understanding of how research evidence can be used to improve educational practice and policy, and the challenges associated with the use of research evidence in education. The subject will develop students' knowledge and skills to design research instruments and analyse research data. This subject is designed to provide students with foundational research skills for their application to research and professional projects.

**School** Education

**Discipline** Education Studies

**Student Contribution Band** HECS Band 1 10cp

**Level** Postgraduate Coursework Level 7 subject

**Restrictions**

Must be enrolled in 1726 Master of Education (Leadership), 1888 Master of Education (Leadership & Management), 1720 Master of Inclusive Education, 1723 Master of Education (Social Ecology), 1847 Master of Education (STEM)

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Critically analyse the role of research evidence in improving practice and policy in educational contexts.
2. Appraise theoretical paradigms and their influence on research design and methods.
3. Explain how a range of research designs (qualitative, quantitative and/ or mixed methods) can be applied to address educational research questions.
4. Explore qualitative and quantitative approaches to analyse educational data.
5. Explore the design of research instruments that are used to collect data in an educational context.
6. Evaluate the ethical frameworks impacting on research in education.

## Subject Content

- how can research evidence be used to improve educational practice and policy?
- how are theoretical paradigms related to research design and methods?
- what are The characteristics of different research designs, and how can they be enacted in educational contexts?
- how can research data be collected and analysed?
- what are The Ethical Issues that need to be considered when conducting research in educational contexts?

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

Type	Length	Percent	Threshold	Individual/ Group Task
Critical Review	15 minutes	35	N	Individual
Annotated Bibliography	2000 words	50	N	Individual
Reflection	500 words	15	N	Individual

Teaching Periods

## Autumn (2022)

**Online**

**Online**

**Subject Contact** John Ley ([https://directory.westernsydney.edu.au/search/name/John Ley/](https://directory.westernsydney.edu.au/search/name/John%20Ley/))

View timetable ([https://classregistration.westernsydney.edu.au/even/timetable/?subject\\_code=CEDS7003\\_22-AUT\\_ON\\_0#subjects](https://classregistration.westernsydney.edu.au/even/timetable/?subject_code=CEDS7003_22-AUT_ON_0#subjects))

## UEH Quarter 2 (2022)

**Vietnam**

**Day**

**Subject Contact** John Ley ([https://directory.westernsydney.edu.au/search/name/John Ley/](https://directory.westernsydney.edu.au/search/name/John%20Ley/))

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## Spring (2022)

**Online**

**Online**

**Subject Contact** Roberto Parada ([https://directory.westernsydney.edu.au/search/name/Roberto Parada/](https://directory.westernsydney.edu.au/search/name/Roberto%20Parada/))

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## Autumn (2023)

**Online**

**Online**

**Subject Contact** John Ley ([https://directory.westernsydney.edu.au/search/name/John Ley/](https://directory.westernsydney.edu.au/search/name/John%20Ley/))

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## Spring (2023)

**Online**

**Online**

**Subject Contact** John Ley ([https://directory.westernsydney.edu.au/search/name/John Ley/](https://directory.westernsydney.edu.au/search/name/John%20Ley/))

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