

CEDS 7003 RESEARCH METHODS IN EDUCATION

Credit Points 10

Legacy Code 102824

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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

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

Level Postgraduate Coursework Level 7 subject

Restrictions

Must be enrolled in 1911 Master of Education or 2761 Master (<https://hbook.westernsydney.edu.au/archives/2024-2025/programs/master-business-administration/>) of Business Administration.

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 | Mandatory |
|------------------------|------------|---------|-----------|---------------------------|-----------|
| Critical Review | 15 minutes | 35 | N | Individual | N |
| Annotated Bibliography | 2000 words | 50 | N | Individual | N |
| Reflection | 500 words | 15 | N | Individual | N |

Teaching Periods

Autumn (2025)

Online

Online

Subject Contact Erin Mackenzie ([https://directory.westernsydney.edu.au/search/name/Erin Mackenzie/](https://directory.westernsydney.edu.au/search/name/Erin%20Mackenzie/))

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=CEDS7003_25-AUT_ON_2#subjects)

Spring (2025)

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/odd/timetable/?subject_code=CEDS7003_25-SPR_ON_2#subjects)