

# RADI 6002 RESEARCH FOUNDATIONS FOR SONOGRAPHY

**Credit Points** 10

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

**Description** Research Foundations in Sonography provides sonography students with foundational knowledge and experience in research. The subject is comprised of two modules: 1. Research Foundations. 2. Research Application. Module 1 includes topics such as evidence, research ethics and disseminating research. Module 2 includes quality assurance and research in the clinical context.

**School** Medicine

**Discipline** Radiography

**Student Contribution Band** HECS Band 2 10cp

Check your fees via the Fees ([https://www.westernsydney.edu.au/currentstudents/current\\_students/fees/](https://www.westernsydney.edu.au/currentstudents/current_students/fees/)) page.

**Level** Postgraduate Coursework Level 6 subject

## Restrictions

Students must have successfully completed subjects totalling 40 credit points from the following program:

- 4751 Master of Cardiac Sonography
- 4743 Graduate Diploma in Cardiac Sonography
- 4765 Graduate Diploma in Vascular Sonography
- NEW Graduate Diploma in Obstetric and Gynaecological Sonography

## Learning Outcomes

After successful completion of this subject, students will be able to:

1. Describe different research approaches and the value of evidence-based medicine
2. Specify means used to help ensure the ethical conduct of research
3. Utilise Research skills to ensure quality sonographic evidence-based practice
4. Apply research skills by sourcing and composing a clinical-based case report

## Subject Content

Module 1. Research Foundations

- Evidence based medicine and finding evidence
- Approaches to research
- Research ethics
- Dissemination of research

Module 2. Research Application

- Ensuring quality
- Research in the clinical context

## 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
Quiz	30 minutes	20	N	Individual	N
Poster	1,000 words	35	N	Individual	Y
Professional Task	1,800 words	45	Y	Individual	N

Teaching Periods

## Autumn (2025)

### Campbelltown

#### On-site

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

View timetable ([https://classregistration.westernsydney.edu.au/odd/timetable/?subject\\_code=RADI6002\\_25-AUT\\_CA\\_1#subjects](https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=RADI6002_25-AUT_CA_1#subjects))