

# MEDI 7048 ADVANCED IMAGING RESEARCH PROJECT

**Credit Points** 20

**Legacy Code** 401330

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

**Description** In 2021 this subject replaced by 401467 - Medical Research Project (PG). This subject is an essential part of the final year of the Masters of Advanced Imaging (MRI). It will consolidate and build on the students' knowledge and skills gained in prior subjects. Students will design and conduct a research project from an area of inquiry relevant to Advanced Imaging - MRI. Successful completion of the subject results in the composition of a report, and in an oral presentation which will include details of the aims, methods, results and conclusions of the project.

**School** Medicine

**Discipline** Radiology

**Student Contribution Band** HECS Band 3 20cp

**Level** Postgraduate Coursework Level 7 subject

## Restrictions

Students must be enrolled in 4767 Master Advanced Imaging (MRI) and have successfully completed 100 credit points.

## Learning Outcomes

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

1. 1. Evaluate the theories and real-life issues relevant to the use of Magnetic Resonance Imaging (MRI) in Australia.
2. 2. Conduct a research project in the field of MRI.
3. 3. Communicate the results of the project to peers and other health professionals in oral and written forms in a professional manner.
4. 4. Reflect on own learning and professional development needs in MRI.
5. 5. Effectively employ technology and self-directed learning strategies to enhance evidence-based practice and patient safety in the field of medical Imaging and MRI.

## Subject Content

1. Research Proposal
2. Ethics
3. Research Protocol and Design
4. Data collection and measurement
5. Data analysis
6. Project Report

## 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
Thesis	1,000 words	10	N	Individual
Thesis	15 minutes	25	N	Individual
Thesis	4,000 words excluding references	65	N	Individual

Teaching Periods