

MEDI 7048 ADVANCED IMAGING RESEARCH PROJECT

Credit Points 20

Legacy Code 401330

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Description In 2021 this unit replaced by 401467 - Medical Research Project (PG). This unit 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 units. Students will design and conduct a research project from an area of inquiry relevant to Advanced Imaging - MRI. Successful completion of the unit 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. Evaluate the theories and real-life issues relevant to the use of Magnetic Resonance Imaging (MRI) in Australia.
2. Conduct a research project in the field of MRI.
3. Communicate the results of the project to peers and other health professionals in oral and written forms in a professional manner.
4. Reflect on own learning and professional development needs in MRI.
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.

| Item | Length | Percent | Threshold | Individual/Group Task |
|---------------------------|----------------------------------|---------|-----------|-----------------------|
| Research Project Proposal | 1,000 words | 10 | N | Individual |
| Oral Presentation | 15 minutes | 25 | N | Individual |
| Research Report | 4,000 words excluding references | 65 | N | Individual |

Teaching Periods