

GRADUATE CERTIFICATE IN ADVANCED IMAGING (MRI) (4769)

Approved Abbreviation: GCAdvImage(MRI)
Western Sydney University Program Code: 4769
AQF Level: 8

Program Status:

This program applies to students who commenced in 2020 or later.

The Graduate Certificate of Advanced Imaging (MRI) examines the radiobiological effects of ionisation and excitation on human cell biology for both small and large doses and their Stochastic, Deterministic, and Genetic effects on Humans. It explores the different designs of Magnetic Resonance Imaging (MRI) units and the associated accessories as well as the physical structure and safety requirements in MRI. Course content employs evidence-based approach to examine different diagnostic imaging pathways for the different organs and human body parts. The Graduate certificate is designed to also accommodate Nursing, and Medical professionals who will be relying on MRI for clinical assessments or working in MRI as well as to non-health related professional anticipating work with or within the health industry.

The course is offered for part-time study. There will be face-to-face or video-conferencing intensive workshops and interactions with specialists from different medical disciplines.

Graduates from this program will not be considered MR Practitioners. However, their knowledge would serve clinical, administrative and MR physics and theory management.

Study Mode

Six months full-time or one year part-time

Program Advice

James Nol (<https://directory.westernsydney.edu.au/search/email/medicine@westernsydney.edu.au>)

Prospective students should visit the following websites for general enquiries about this program.

Enquire about this program (<https://enquiry.westernsydney.edu.au/courseenquiry/>) | Local Admission (<https://www.westernsydney.edu.au/future/>) | International Admission (<https://www.westernsydney.edu.au/international/home/apply/admissions/>) |

Location

Campus	Attendance	Mode	Advice
Online	Full Time	Online	See above
Online	Part Time	Online	See above

Inherent Requirements

There are inherent requirements for this program that you must meet in order to complete your program and graduate. Make sure you read and understand the requirements for this program online.

Inherent requirements for this program will be similar to the inherent requirements applicable to the Doctor of Medicine program 4758.

https://www.westernsydney.edu.au/ir/inherent_requirements/inherent_requirements_for_medicine_courses ([https://](https://www.westernsydney.edu.au/ir/inherent_requirements/inherent_requirements_for_medicine_courses)

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Admission

Applicants must have an undergraduate degree in any discipline; Or must have completed fourth year of the Doctor of Medicine at Western Sydney University.

Or

A minimum five years' full time equivalent work experience in a relevant industry such as, within imaging companies/practices, health/medical law or biomedical engineering.

This program requires students to have a strong academic background in maths and physics. Applicants may be requested to demonstrate their competency if this is not evident within their undergraduate studies.

Applications from Australian and New Zealand citizens and holders of permanent resident visas must be made via the Universities Admissions Centre (UAC). Use the links below to apply via UAC or Western Sydney University. Applications made directly to Western Sydney do not have an application fee.

Applicants who have undertaken studies overseas may have to provide proof of proficiency in English. Local and International applicants who are applying through the Universities Admissions Centre (UAC) will find details of minimum English proficiency requirements and acceptable proof on the UAC website. Local applicants applying directly to the University should also use the information provided on the UAC website.

<http://www.uac.edu.au/>

<https://westernsydney.uac.edu.au/ws/>

Overseas qualifications must be deemed by the Australian Education International - National Office of Overseas Skills Recognition (AEI-NOOSR) to be equivalent to Australian qualifications in order to be considered by UAC and Western Sydney University.

Applicants seeking admission on the basis of work experience must support their application with a Statement of Service for all work experience listed on the application.

Statement of Service form (https://www.westernsydney.edu.au/content/dam/digital/pdf/Statement_of_Service.PDF)

Program Structure

Qualification for this award requires the successful completion of 40 credit points including the subjects listed below.

Subject	Title	Credit Points
MEDI 7058	Multi-sectional and 3D Human Anatomy	10
MEDI 7059	Radiobiology	10
MEDI 7051	Evidence Based Imaging and Clinical Pathways	10
MEDI 7057	MRI Physics	10
Total Credit Points		40