

Medical Radiation Science

BY DISTANCE EDUCATION



Why study a postgraduate degree in medical radiation science?

Australian radiography and nuclear medicine professional bodies recognise the value of postgraduate study as a means of keeping pace with rapidly changing technology in these fields, as well as enhancing research.

Studying a postgraduate degree in medical radiation science will ensure you are familiar with modern and advancing technologies and will arm you with advanced skills increasing your value as a medical radiation professional.

About CSU's Master of Medical Radiation Science

CSU's Master of Medical Radiation Science is designed for practising medical radiation scientists to advance both their technological expertise and academic understanding of their chosen specialisation. The program offers you a choice of four specialisations plus a flexible generic stream and is studied by distance education over two and a half to three years.

The program's options are:

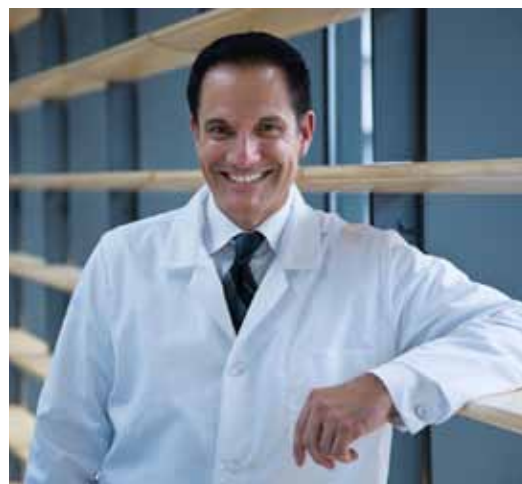
- Computerised Tomography (CT)
- Magnetic Resonance Imaging (MRI)
- Radiographic Image Interpretation
- Nuclear Medicine
- generic stream

You can choose to exit from all options, except the Nuclear Medicine specialisation, with a Postgraduate Diploma award after successfully completing 64 points. The Postgraduate Diploma does not include the research project component of the Master degree.

The aim of the research project is for students to complete a paper that is suitable for submitting to a publication/journal for peer reviewed publication.

Some reasons for studying CSU's Master of Medical Radiation Science

- the program offers four specialisations
- the qualification is recognised by industry, making you a more valuable employee
- study by distance education allows you the flexibility to complete your studies from anywhere in the world
- you will have the opportunity to produce a paper suitable for a peer reviewed journal publication



What will I learn?

Master of Medical Radiation Science (Computerised Tomography)

This specialisation covers all aspects of modern CT practice. You will have the opportunity to research an aspect of CT for your final project.

Master of Medical Radiation Science (Magnetic Resonance Imaging)

This specialisation informs you of today's technology and prepares you for the advances of tomorrow's. You will have the opportunity to research a Magnetic Resonance Imaging topic for your final project.

Master of Medical Radiation Science (Radiographic Image Interpretation)

This specialisation will equip students working in both Australia and overseas with the skills required to allow them to provide informal verbal radiographic opinions to referring clinicians, within the scope of professional codes of conduct. You may undertake a research project as part of this specialisation or complete it entirely by coursework.

Master of Medical Radiation Science (Nuclear Medicine)

In this specialisation, you will cover all aspects of modern nuclear medicine practice including advanced instrumentation, radiopharmacy and procedures and CT for Nuclear Medicine. Elective subjects include areas such as clinical education and management. You will have the opportunity to undertake original research in some aspect of Nuclear Medicine for your final project.

Master of Medical Radiation Science – generic stream

If you choose to study the generic stream of CSU's Master of Medical Radiation Science, you can tailor the program to best suit your individual professional needs and preferences. This flexibility allows you the option of selecting a range of electives from two groups. Group A includes courses specific to the Master of Medical Radiation Science such as: clinical issues, advanced anatomy, advanced nuclear medicine, image interpretations and computerised tomography. Group B offers a wide range of courses from the allied health area such as: clinical teaching and education, legal issues in health services ethics, health and aged services. You will have the option to complete the degree entirely by coursework or by including a research project if desired.

Admission requirements

Applicants must hold an undergraduate degree in medical imaging and have been practising for at least three years. If you are interested in undertaking the generic stream, you may still be eligible for entry if you have been practising for five years and hold a two-year Diploma qualification rather than an undergraduate degree in medical imaging. Applications are assessed on an individual basis and you are requested to nominate your specialisation when you apply. You are encouraged to contact the Course Coordinator to fully discuss your options.

Credit

You may be eligible for credit of up to 16 points (equivalent to two courses) if you have gained relevant work experience or have studied and successfully completed relevant courses at other institutions.

Program fees

This program offers discounted fees for Canadian residents. A full list of fees is available at:

www.csu.edu.au/division/finserv/fees/future/internat_offshore.html

www.csu.edu.au

For more information about programs and how to apply, please contact info.csu:

International callers: +61 2 6338 6077
Facsimile: +61 2 6338 6001
Email: inquiry@csu.edu.au
Web inquiry: www.csu.edu.au/study/inquiry



Robert Miner

Student in Medical Radiation Science

"CSU's Master of Medical Radiation Science (Nuclear Medicine) is established and well thought out. The course has been fine tuned to focus on current and advanced topics, and the assignments push you to think outside the box, and apply it inside the box!"

"I have already found the knowledge gained valuable. Using research skills and critical thinking gained from the program, I was able to research a particular problem from work over a weekend. I generated a simple multi page memo with multiple references that described the problem and 'the' solution, which was accepted and implemented. The amazing part of it was that the process was very natural and relatively easy. I found a real-life problem was equivalent to an 'easy' assignment question!"

Dedicated specialist teaching staff

Dr. Aamer Aziz MBBS, MSc (Nuclear Medicine), PhD (Radiology) has over 50 publications, presentations, abstracts and research articles to his name. He has supervised a large number of PhD and Master students from around the world. Dr Aziz is currently working as a specialist radiologist in an independent radiology practice, in addition to lecturing at CSU.

Dr Aziz's clinical interests include body imaging, nuclear medicine and chest radiography. His research activities focus on hepatobiliary and tumor imaging in nuclear medicine, chest radiography and basic research in developing intelligent computer systems and distance education modules.



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