A flexible and technologically sophisticated online program designed for medical radiation sciences professionals and graduates.

This newly designed program will help you develop your knowledge and research skills in medical radiation sciences (including computed tomography, magnetic resonance imaging, hybrid imaging, breast imaging and radiographic image interpretation). Graduates will be equipped with the skills to advance evidence-based practice within their field.

The rapid evolution of medical imaging technology calls for expert researchers to develop optimised imaging techniques and advance diagnostic efficacy. Professionals in this field need high-level technical expertise and communication skills to provide optimal patient care.

The program is ideal for recent medical radiation science graduates who want to specialise as well as professionals already working in the field. It is also suitable for graduates from other science and clinical disciplines who wish to gain advanced knowledge and research skills. To meet the needs of busy professionals, we deliver this program online.

The Master of Medical Imaging Science is delivered by leading research academics. You will have the opportunity to operate imaging technology remotely through the internet for experimental measurement and testing principles.

Mode of offer
Off-campus distance online education offered as part-time or full-time study. Some units of study require that you can access local clinical equipment during the semester.

Admission requirements
This course is available to domestic and international students. Applicants need one of the following:
- a bachelor’s degree in Medical Radiation Sciences (MRS)
- Graduate Certificate of Health Science (Medical Radiation Sciences) or Medical Imaging Science from the University of Sydney or equivalent qualification from another university
- a graduate entry master’s degree in Diagnostic Radiography, Nuclear Medicine or Radiation Therapy

Program duration
- full-time: three semesters
- part-time: six semesters

Graduates with a bachelor’s degree with honours, or one year of full-time employment after registration with the Australian Health Practitioner Regulation Agency (AHPRA); and graduates with a postgraduate degree can apply for up to 24 credit points of recognition of prior learning which will shorten the duration of study.

International students
This course does not meet the CRICOS requirement for obtaining an Australian student visa; however, international students may complete the course by distance modules from their home country.
Medical Imaging Science

Mode of offer:
Distance education

IELTS (international students):
6.5 (6.0 minimum in each band)

Application closing date:
31 January (for March intake)

How to apply:
sydney.edu.au/courses/master-of-medical-imaging-science

Master of Medical Imaging Science

Core units of study:
- Current concepts in medical imaging
- Medical image optimisation
- Medical image perception
- Medical image science capstone

Credit points required:
72 credit points including four core units of study totaling 24 credit points, and eight elective units of study totaling 48 credit points.

Duration:
Six semesters or three years (part-time)

Graduate Diploma in Medical Imaging Science

Course summary:
The graduate diploma provides an opportunity for advanced study in the field of Medical Imaging Sciences. This course extends students’ previous knowledge and professional experience.

Core units of study:
- Current concepts in medical imaging
- Medical image optimisation
- Medical image perception

Credit points required:
48 credit points including three core units of study totaling 18 credit points, and five elective units of study totaling 30 credit points.

Duration:
Four semesters or two years (part-time)

Graduate Certificate in Medical Imaging Science

Course summary:
The graduate certificate is the baseline entry-level program for Medical Imaging Science.

Core units of study:
- Current concepts in medical imaging

Credit points required:
24 credit points including one core unit of study totaling 6 credit points, and three elective units of study totaling 18 credit points.

Duration:
Two semesters or one year (part-time)

“I enjoyed the individual learning activities and assignments that encouraged the process of independent learning. The academic and administrative staff were very supportive and helpful, and my new knowledge will contribute to development of the profession in my country.”

Baowei Lua studied the Master of Health Science (Medical Radiation Sciences) and is a Senior Radiographer in computed tomography at Tan Tock Seng Hospital, Singapore.

For more information
sydney.edu.au/courses/master-of-medical-imaging-science
T: 1800 SYD UNI (1800 793 864) (in Australia)
or +61 2 8627 1444 (outside Australia)
Business Hours: 9am-5pm (EST), Monday to Friday
(excluding public holidays).