

BACHELOR OF RADIATION SCIENCES



Combine science and technology with health and patient care. Start your journey to becoming a registered radiation therapist with our Bachelor of Radiation Sciences.

Your studies will include physics and instrumentation, radiobiology, imaging anatomy, physiology, epidemiology, oncology, radiation therapy, cancer management strategies and patient care.

With the opportunity to immerse yourself in the latest technology you'll participate in 3D treatment simulations to practice important technical skills and learn how to use radiation therapy planning software. Experience life as a radiation therapist from second year, with clinical placements in teaching hospitals and private radiation therapy centres across Victoria while developing skills in:

- Computerised tomography
- Radiation therapy planning
- Radiation therapy treatment
- Patient care and management

In your first three semesters of Radiation Sciences you'll study at the Monash Caulfield campus, with the remainder of the course held at the Monash Clayton campus.

WHAT IS RADIATION THERAPY?

Radiation therapy is a challenging and engaging healthcare field that uses ionising radiation in the treatment of patients with cancer and benign conditions. Radiation can be used on its own, or in combination with other cancer management strategies such as surgery or chemotherapy. This depends on many factors including the diagnosis, how advanced the disease is, and the health of the patient.

WHAT DO RADIATION THERAPISTS DO?

Radiation therapists are health professionals who are responsible for the design and delivery of treatment for patients undergoing radiation therapy. They work with radiation oncologists to determine how radiation treatments should be delivered, and use advanced computer systems to maximise dose to the affected area and minimise radiation to surrounding healthy tissues. As radiation therapists care for patients during the course of their treatment, they utilise interpersonal skills and empathy regularly.

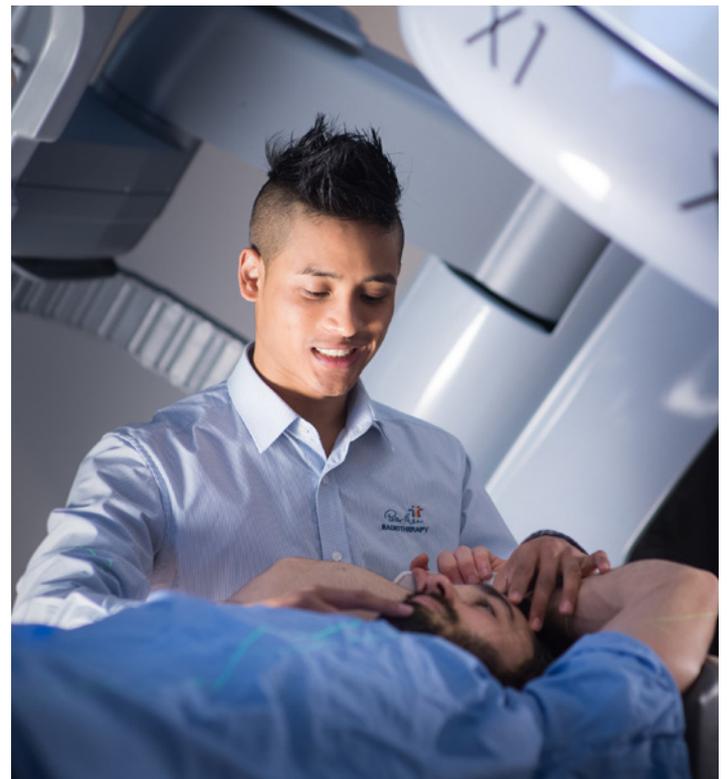
HOW DO I BECOME A RADIATION THERAPIST?

The Bachelor of Radiation Sciences is your first step towards becoming a qualified radiation therapist. You'll combine technical and scientific knowledge with studies in health and patient care, preparing you to enter a graduate program in radiation therapy.

Successful completion of the Master of Radiation Therapy allows you to apply for general registration as a radiation therapist with the Australian Health Practitioner Regulation Agency.

CAREER OPPORTUNITIES

Challenging and fulfilling opportunities await our graduates. There's an increasing demand for adaptable radiation therapists in response to the ageing population, expansion of services in regional Australia and organic growth of the industry.



ENTRY REQUIREMENTS

Prerequisites: Units 3 and 4, a study score of at least 30 in English (EAL) or 25 in any other English, and a study score of at least 25 in Mathematical Methods (any) or Specialist Mathematics, or a score of at least 30 in Further Mathematics. For more information about entry requirements, visit study.monash

CLINICAL PLACEMENTS

Experience life as a radiation therapist with clinical placement opportunities, starting in year two. Full clinical placements will commence in year three, with four weeks of placement in teaching hospitals and private radiation therapy centres across Victoria. Your placements may be in metropolitan or rural areas, where travel may be required.

Students must complete a National Police Records Check and must hold a valid Working with Children Check before undertaking clinical placements.

Students must comply with the Faculty of Medicine, Nursing and Health Sciences' immunisation policy.

Failure to hold satisfactory checks or meet the immunisation requirements may result in students being unable to complete this course.

FURTHER STUDY

Completion of the Bachelor of Radiation Sciences enables graduates with the required GPA to apply for entry into the Master of Radiation Therapy. Upon completion of an additional entry assessment, successful applicants will receive recognition for 24 credit points of study and enter this program in the summer semester. After 18 months, you'll be eligible to graduate and apply for general registration from the Medical Radiations Practice Board of Australia.

Radiation Sciences graduates can also apply to enter the Master of Medical Ultrasound, but will need to arrange their own supervised clinical placement.

FURTHER INFORMATION

Department of Medical Imaging and Radiation Sciences

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