Bachelor of Radiation Therapy

Radiation therapy is a rewarding career and is a combination of patient care, emotional support, science and technology. As part of a multidisciplinary medical team, radiation therapists plan and deliver highly accurate radiation treatment to cancer patients. Typically, a patient receiving radiation therapy will see the radiation therapist every day for several weeks and you will need to be able to demonstrate empathy and a caring nature towards a wide range of patients.

Why choose this course?
We offer Queensland’s only university degree in radiation therapy.

This course has been designed in consultation with clinical staff from industry and is taught by registered professionals with extensive experience. The content incorporates clinical skills and hands-on experience from your first semester.

The Bachelor of Radiation Therapy is a professional degree providing graduates with a highly specialised qualification. This course is not designed as a bridging course for a different career.

Your studies will cover the interaction of radiation on body tissue, radiation therapy treatment planning, X-ray and CT image matching, and treatment delivery in a virtual environment.

Real-world learning
Our on-campus facilities incorporate technology and equipment to develop your confidence and experience. The Virtual Environment for Radiotherapy Training uses augmented reality 3D technology to immerse you in a virtual environment that features life-sized radiation therapy equipment and virtual patients.

By practising in our facilities you will build confidence and gain experience in fundamental skills using specialist computer programs and the virtual treatment environment.

You will start supervised clinical experience during first semester in your first year, with significant time in the second, third and fourth years. Placements are offered in private and public radiation therapy departments throughout Queensland and interstate areas.

Vosscy Nguyen
Combine theory with practice

'Radiation therapy interested me due to its combination of technical skills, ever-changing research, and engaging interactions with patients. I chose QUT because it seamlessly incorporated in-class theory with real-world experience. I enjoyed completing placements across the country in many different departments. This hands-on experience was a definite confidence booster and improved my knowledge and skills.'

Accurate as at 18/09/2020. For the latest information see:
**Assumed knowledge**
Before you start this course we assume you have sound knowledge in these areas:
- English, or Literature, or English and Literature Extension, or English as an Additional Language (Units 3 & 4, C)
- Mathematical Methods (Units 3 & 4, C)
- Physics (Units 3 & 4, C)

Before you start this course, we assume you have sound knowledge of the subject/s listed below. If you don’t have the subject knowledge, you can still apply for the course but we encourage you to undertake bridging studies to gain the knowledge:

**Honours pathway**
At the end of the second year of study in this course you will have the option to apply for the Bachelor of Radiation Therapy (Honours). This allows you to complete an honours research project that extends your knowledge of the professional field.

High performing students will have the opportunity to submit an expression of interest for the Honours pathway. On entry to the course you will retain all of the credit you have successfully completed in the Bachelor of Radiation Therapy and will complete a further two years of full-time study.

**Careers and outcomes**
Graduates of this course may work as a radiation therapist in the radiotherapy department of a private or public facility. There are also research and educational opportunities.

**Professional recognition**
This course is an approved program of study with the Medical Radiation Practice Board of Australia.

**Fees**
**HECS-HELP**
You may be eligible for HECS-HELP, a loan scheme to help you pay your student services and amenities fee, if you are an Australian citizen or hold an Australian permanent humanitarian visa. For other conditions read the HECS-HELP information.

**International student entry**
This course is not available for entry to international students.

This information has been prepared for Australian and New Zealand citizens and those with Australian permanent resident status. Some courses are not open to international students, and entry requirements and fee information may be different. For more information and to check if a course is available, international students should visit www.qut.edu.au/international. Last updated on: 18/09/2020. Information contained in this document was correct at the time of printing. The university reserves the right to amend any information, and to cancel, change or relocate any course. CRICOS No.00213J