

# Radiotherapy and Oncology

## BSc(Hons)

### The Course

Therapeutic radiographers are highly skilled practitioners who plan and administer radiotherapy treatment. By operating a wide range of highly specialised equipment, they deliver accurate doses of radiation to cancer cells in order to destroy diseased tissue, while minimising the radiation received by surrounding healthy tissue. This is a demanding but rewarding career and is suited to enthusiastic, motivated and caring people.

Our course gives you the skills, knowledge and attributes expected of a highly skilled practitioner of therapeutic radiography. Once you qualify, you will be involved in the management and care of patients from their initial presentation and throughout their treatment. Your skills will be used to plan and deliver radiation treatments, so you will need a high degree of technical expertise and the ability to deal with the emotional and physical needs of patients.


This course has been designed in collaboration with practitioners and health service managers and combines both academic and clinical placements, enabling you to underpin your theoretical studies with real-life insights.

As practical experience is so important, half your time will be spent at your clinical placement site.

These are based in cancer centres in various locations. Meanwhile, at the University, you will make use of our purpose-built simulation suite.

**“** *The fact that the course is taught and assessed by former therapeutic radiographers made it challenging and extremely fulfilling. I've really enjoyed the unique opportunity to learn at University and do placements in actual cancer departments.* **”**

**Julian Dias**  
Radiotherapy and Oncology



**First Year** - You will study modules incorporating the basic knowledge and concepts of radiotherapy and oncology which will be underpinned with clinical practice. Subjects will include:

- radiation science
- anatomy and physiology
- psychosocial aspects
- study skills
- radiotherapy technique and cancer management

**Second Year** - The second year will build on your first year study, with focus on the understanding and application of treatment planning and delivery, including a widened range of clinical techniques. There is coverage of practical clinical oncology and cancer management.

**Final Year** - The final year provides a wider perspective of health and health care and your knowledge is consolidated with topics covering current radiotherapy practice. This year builds on the theory and practice to prepare you for your role after graduation by equipping you with a life-long learning approach to encourage future continuous development.

### Practice placement

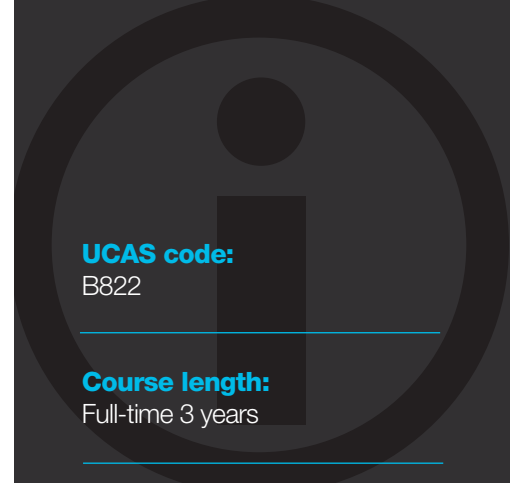
Clinical practice placements will be interspersed throughout your studies giving you valuable experience that you will need when you graduate. The placements will give you the opportunity to link the theoretical knowledge you gain via the lectures and seminars with the practical experiences.

Approximately fifty per cent of each academic year is spent on clinical placement. These are arranged in six accredited cancer centres in Berkshire, Middlesex, London, Oxfordshire and Northamptonshire.

The clinical placements are managed and supported by a dedicated team of university lecturers, practice educators and clinical co-ordinators who work together to ensure that each student's clinical practice experience is of the highest quality.

### Career opportunities

Once you graduate (subject to state registration) you will be able to begin your career without further training. Career prospects are excellent with plenty of opportunities for career development.



**UCAS code:**  
B822

**Course length:**  
Full-time 3 years

### Entry requirements:

300 UCAS points from GCE A2/AS levels to include 240 points from A2 subjects and should include 80 points from a science subject or Mathematics plus a minimum of five GCSEs taken at one sitting including English language, mathematics and a science at grade C or above.

The selection process includes an interview, an enhanced Criminal Records Bureau screening and an occupational health assessment

### Course fees:

For UK/EU full-time undergraduate student, the NHS will pay the tuition fees for this course. UK students may be entitled to a means tested NHS bursary. Visit [www.nhsbsa.ac.uk](http://www.nhsbsa.ac.uk) for more details


### Professional accreditation:

On graduation, you will be eligible to register with the Health and Care Professions Council as a Therapeutic Radiographer, and for membership of the Society of Radiographers

### How to apply:

Applications are through UCAS [go.herts.ac.uk/apply](http://go.herts.ac.uk/apply)

**Website address:**  
[go.herts.ac.uk/B822](http://go.herts.ac.uk/B822)



Find out more about the School of Health and Social Work on [go.herts.ac.uk/hsw](http://go.herts.ac.uk/hsw)