

Therapeutic radiographer

You'll be a source of hope and care for those diagnosed with cancer. Using [radiotherapy](#) [1], you'll collaborate with other healthcare professionals to create individual treatment plans that blend technical expertise with emotional support for your patients.

Can't see the video? You'll need to accept all [cookies](#) [2]. Alternatively, visit our YouTube Channel to view our [videos](#) [3]

Working life

As a therapeutic radiographer, you'll be part of a team helping people who are dealing with cancer. Based in a hospital, you'll work with patients and colleagues to design treatment programmes and support patients until their treatment ends. From taking an initial X-ray, to using a CT scanner or a linear accelerator, you'll use some of the most complex and advanced technology to treat tumours. Therapeutic radiographers are also central to a wider multidisciplinary team, working and consulting with colleagues across various departments.

Lily Aston

therapeutic radiography student

I've already secured my job at Royal Stoke University Hospital for when I graduate so that's where I will kick start my career!

[Read Lily's story](#) [4]

Entry requirements

To become a therapeutic radiographer, you must first successfully complete an approved degree or masters in [radiotherapy](#) [1]. Degree courses take three or four years full time, or up to six years part time. There are also some postgraduate programmes that can take two years. Once you've completed your degree, you need to register with the Health and Care Professions Council (HCPC [5]) before you can start practising. The other option is to apply for an apprenticeship degree.

Entry requirements for an undergraduate course are typically:

Apprenticeships logo

- two or three A levels, including physics, chemistry or biology/human biology
- five GCSEs (grades A-C ^[6]), including English language, maths and science.

Or the equivalent qualifications:

- a BTEC, HND or HNC, including science
- a relevant T level
- a relevant NVQ
- a science-based access course
- Equivalent Scottish or Irish qualifications.

Annual payments

If you're eligible, you'll receive at least £5,000 a year towards your studies while at university. And because therapeutic radiography is a shortage specialism you'll receive an additional £1,000 a year. Your personal circumstances may mean you could receive more. And the good news? You'll never have to pay it back. [Find out more.](#) ^[7]

A bursary might also be available through the College of Radiographers Valerie Carr Award. [Take a look](#) ^[8].

Degree apprenticeship

A degree apprenticeship is another way to become a therapeutic radiographer. Apprenticeships give you the chance to earn a living while gaining your qualification. Your employer and the government will pay the tuition fees, so apprenticeships aren't eligible for student grants.

Must-have skills

Don't forget - academic qualifications aren't everything. You'll need to be interested in new technologies, be safety-conscious and have excellent observational skills. But this isn't just a role for the technologically-minded. Along with planning and delivering treatments, you'll offer emotional support to patients and their carers and will need to have an easy-going manner to reassure patients who are nervous about their treatment.

Training and career development

Once you've qualified, you'll have annual Continuing Professional Development (CPD) check-ins, where we'll discuss your career aspirations and plan how we can help you to achieve them, so you're always moving forward. You'll be encouraged to join The Society of Radiographers where you can take courses, conferences and seminars.

You may also choose to specialise in treating certain cancers, work with children or with new, emerging technologies such as proton beam therapy. Research, teaching or management are other career pathways.

Pay and benefits

Your standard working week will be around 37.5 hours and may include a mix of shifts, such as nights, early starts, evenings and weekends. As a therapeutic radiographer, you'll be paid on the [Agenda for Change \(AFC\) pay system](#) ^[9], typically starting on band 5.

You'll also have access to our generous pension scheme and health service discounts, as well as 27 days of annual leave plus bank holidays.

Find your course to become a therapeutic radiographer

Region

- Any -

Type of qualification

- Any -

Full or part time

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Therapeutic radiography and oncology (pre-registration) MSc

University of Liverpool

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- Qualification
MSc
- Study mode
Full-time
- Duration of the course
2 years
- Leading to a career in
Radiography (therapeutic)
- Contact details
shs@liverpool.ac.uk ^[11]
0151 794 5901
- Region
North West
- Admissions address
University of Liverpool
Liverpool
L69 3BX

MSc Therapeutic radiography

Queen Margaret University, Edinburgh

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- Study mode
 - Full-time
- Duration of the course
 - 2 years
- Leading to a career in
 - Radiography (therapeutic)
- Contact details
 - admissions@qmu.ac.uk ^[13]
 - +44 (0)131 474 0000
- Region
 - Scotland
- Admissions address
 - Queen Margaret University
 - Edinburgh
 - EH21 6UU

Therapeutic radiography (pre-registration) MSc

Birmingham City University

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- Study mode
 - Full-time
- Duration of the course
 - 2 years
- Leading to a career in
 - Radiography (therapeutic)
- Contact details
 - courseenquiries@bcu.ac.uk ^[15]
 - +44-121-331-6045
- Region
 - West Midlands
- Admissions address
 - Birmingham City University
 - University House
 - 15 Bartholomew Row
 - Birmingham
 - B5 5JU

Radiotherapy and oncology in practice

Sheffield Hallam University

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- Qualification
 - MSc
- Study mode
 - Full-time

Duration of the course

2 years

Leading to a career in

Radiography (therapeutic)

- Contact details

enquiries@shu.ac.uk ^[17]

+44 1142 255555

- Region

Yorkshire and The Humber

Admissions address

City Campus,

Howard Street,

Sheffield,

S1 1WB,

UK

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Register for more details about becoming a therapeutic radiographer

We'll email you a step-by-step guide to help you on your way to joining us

[Sign up](#) ^[18]

Other roles that may interest you

- [Diagnostic radiographer](#) ^[19]
 - [Radiography assistants and imaging support workers](#) ^[20]
 - [Radiotherapy physics](#) ^[21]
 - [Radiation physics and radiation safety physics](#) ^[22]
-

Source URL:<https://www.healthcareers.nhs.uk/explore-roles/allied-health-professionals/roles-allied-health-professions/roles-allied-health-professions/therapeutic-radiographer?page=3>

Links

[1] <https://www.healthcareers.nhs.uk/glossary#Radiotherapy> [2] <https://www.healthcareers.nhs.uk/privacy-and-cookies/#CookieDeclarationChangeConsentChange> [3] <https://www.youtube.com/NHSCareers> [4] <https://www.healthcareers.nhs.uk/explore-roles/allied-health-professionals/roles-allied-health-professions/therapeutic-radiographer/real-life-story-lily-aston> [5] <https://www.healthcareers.nhs.uk/glossary#HCPC> [6] https://www.healthcareers.nhs.uk/glossary#Grades_A-C [7] <https://www.healthcareers.nhs.uk/career-planning/study-and-training/considering-or-university/financial-support-university> [8] <https://www.collegeofradiographers.ac.uk/Education/vca> [9] <https://www.healthcareers.nhs.uk/working-health/working-nhs/nhs-pay-and-benefits/agenda-change-pay-rates> [10] <https://www.liverpool.ac.uk/courses/2024/therapeutic-radiography-and-oncology-pre-registration-msc> [11] [mailto: shs@liverpool.ac.uk](mailto:shs@liverpool.ac.uk) [12] <https://www.qmu.ac.uk/study-here/postgraduate-study/2023/msc-therapeutic-radiography-pre-registration/> [13] [mailto: admissions@qmu.ac.uk](mailto:admissions@qmu.ac.uk) [14] <https://www.bcu.ac.uk/health-sciences/courses/therapeutic-radiography-msc-2023-24> [15] [mailto: courseenquiries@bcu.ac.uk](mailto:courseenquiries@bcu.ac.uk) [16] <https://www.shu.ac.uk/courses/radiotherapy-and-oncology/msc-radiotherapy-and-oncology-in-practice/distance-learning/2025> [17] [mailto: enquiries@shu.ac.uk](mailto:enquiries@shu.ac.uk) [18] <https://www.healthcareers.nhs.uk/we-are-the-nhs/registration?career=AHP> [19] <https://www.healthcareers.nhs.uk/explore-roles/allied-health-professionals/roles-allied-health-professions/roles-allied-health-professions/diagnostic-radiographer> [20] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-support-worker/roles-healthcare-support-worker/radiography-assistants-and-imaging-support-workers> [21] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/physical-sciences-and-biomedical-engineering/radiotherapy-physics/radiotherapy-physics> [22] <https://www.healthcareers.nhs.uk/explore-roles/healthcare-science/roles-healthcare-science/physical-sciences-and-biomedical-engineering/radiation-physics-and-radiation-safety-physics>