

MSc

Radiotherapy

Study mode

Part-time

Duration

Up to 72 months

Apply by: **17 September 2027**Starts on: **27 September 2027**

About this course

As a practising therapeutic radiographer, this unique programme will allow you to obtain a full master's qualification.

Introduction

The MSc Radiotherapy (top-up dissertation module) will enable you to meet the standards expected by the profession and greatly enhance your career prospects in this field. To apply to this course, you must already have the [Postgraduate Diploma in Therapeutic Radiography and Oncology](#) (previously known as the Radiotherapy PGDip) from the University of Liverpool, or a pre-registration Postgraduate Diploma from a different UK university that confers eligibility to apply for registration as a therapeutic radiographer with the [Health and Care Professions Council](#) (HCPC). Alongside this, you should also have between 12 to 18 months of clinical work experience in order to apply.

Who is this course for?

This course was created to supplement the study of students or practising therapeutic radiographers who already have a postgraduate diploma that confers eligibility for registration as a therapeutic radiographer.

What you'll learn

- Prepare and critically evaluate a written dissertation proposal
- Undertake and present a critical review of the literature evidencing in-depth knowledge and understanding of the topic area
- Generate, formulate, and evaluate a structured investigation of a healthcare topic, related to the students' professional discipline.

^ [Back to top](#)

Course content

Discover what you'll learn, what you'll study, and how you'll be taught and assessed.

Year 1

The dissertation is a multidisciplinary module that is delivered twice per year. Students undertaking this module to obtain the MSc Radiotherapy will be allocated dissertation supervisors from the Directorate of Medical Imaging and Radiotherapy.

Modules

Compulsory modules	Credits
DISSERTATION (HEAL451)	60

Programme details and modules listed are illustrative only and subject to change. As part of our commitment to continuous improvement, we are currently reviewing all of our programmes. This may include refining study pathways, strengthening links with employers, integrating generative AI, developing students' research skills, and enhancing alignment with our research strengths. The course content currently shown on this page reflects the programme as it ran for students beginning in September 2026. This page will be updated for students beginning in September 2027 by Friday 30th April 2027 at the latest.

Teaching and assessment

How you'll learn

Your learning starts with a four-day block workshop, which runs in September and January each year. You then complete your independent research project under the guidance of an appropriate supervisor. You can liaise with your research supervisor to develop a study plan that works for you both e.g. face to face meetings, online meetings, or a combination.

The Directorate staff have a very wide range of expertise including medical physics in radiotherapy, computer treatment planning, imaging in radiotherapy, general cancer care and strategic planning of cancer services locally and nationally. The Directorate also has its own CTSim, treatment planning system, patient management information system and a virtual environment in radiotherapy (VERT) system. These facilities will allow supervisors to support students on the MSc in Radiotherapy in a diverse range of dissertations.

How you're assessed

The fully online MSc consists of one 60 credit dissertation module which can only be undertaken after completion of the 120 credit Postgraduate Diploma in Radiotherapy (or its equivalent from other UK institutions).

Liverpool Learning Framework

At Liverpool, we take a distinctive approach to education through the Liverpool Learning Framework. This means teaching that is engaging, inclusive and designed to help you succeed during your studies and beyond.

You'll develop specialist subject knowledge alongside the skills employers value most, including:

- Digital fluency
- Confidence
- Global citizenship

Our curriculum is characterised by the three Liverpool Hallmarks:

- Research-connected teaching – learning informed by the latest ideas and discoveries
- Active learning – taking part, applying knowledge and learning by doing
- Authentic assessment – assessments designed around real-world tasks and challenges

We also embed key priorities across our curriculum, including AI literacy, employability, and sustainability, helping you prepare for the future and make a positive impact in the world.

We're committed to creating a supportive and inclusive learning environment where every student can thrive.

Careers and employability

As applicants will normally be practising therapeutic radiographers in Band 5/6 positions, obtaining the MSc Radiotherapy will greatly enhance career prospects in specialist therapeutic radiographer posts.

Gaining this master's qualification will enable practising therapeutic radiographers to move into more specialist areas such as tumour specific roles, leadership roles, areas of specific expertise such as imaging and/or treatment planning, research roles, and educating the future workforce.

Career support from day one to graduation and beyond

Career planning

From education to employment

Networking events

^ [Back to top](#)

Fees and funding

Your tuition fees, funding your studies, and other costs to consider.

Tuition fees

UK fees (applies to Channel Islands, Isle of Man and Republic of Ireland)

Part-time place, per year - £3,200

International fees

Part-time place, per year - £10,700

Tuition fees are for the academic year 2026/27.

Tuition fees cover the cost of your teaching and assessment, operating facilities such as libraries, IT equipment, and access to academic and personal support.

- You can pay your tuition fees in instalments.
- All or part of your tuition fees can be funded by external sponsorship.
- International applicants who accept an offer of a place will need to pay a deposit.

If you're a UK national, or have settled status in the UK, you may be eligible to apply for a Postgraduate Loan worth up to £13,206 to help with course fees and living costs. **Learn more about paying for your studies**.

Additional costs

We understand that budgeting for your time at university is important, and we want to make sure you understand any course-related costs that are not covered by your tuition fee. You can find information on the general and subject-specific costs you could expect to incur on our study costs webpage.

Entry requirements

The qualifications and exam results you'll need to apply for this course.

Postgraduate entry requirements

Candidates must have successfully completed a pre-registration Postgraduate Diploma in Radiotherapy within the last 5 years that confers eligibility to apply for registration as a therapeutic radiographer with the [Health and Care Professions Council](#) (HCPC).

International qualifications

[Select your country or region to view specific entry requirements.](#)

If you hold a bachelor's degree or equivalent, but don't meet our entry requirements, a Pre-Master's can help you gain a place. This specialist preparation course for postgraduate study is offered on campus at the [University of Liverpool International College](#), in partnership with Kaplan International Pathways. Although there's no direct Pre-Master's route to this MSc, completing a Pre-Master's pathway can guarantee you a place on many other postgraduate courses at The University of Liverpool.

English language requirements

You'll need to demonstrate competence in the use of English language, unless you're from a [majority English speaking country](#).

We accept a variety of [international language tests](#) and [country-specific qualifications](#).

International applicants who do not meet the minimum required standard of English language can complete one of our [Pre-Sessional English courses](#) to achieve the required level.

IELTS

7.0 overall, with no component below 6.5

TOEFL iBT

If you took a TOEFL test on or before 20 January 2026, you'll need 100 overall, with minimum scores of listening 21, writing 21, reading 21 and speaking 23. If you took a TOEFL test from 21 January 2026 onwards, when a new scoring system was introduced, you'll need 5 overall, with 4.5 or above in all components. TOEFL Home Edition not accepted.

Duolingo English Test

135 overall, with writing not less than 140, speaking and reading not less than 125, and listening not below 120. For academic year 2025/26 only, we will also accept the production, literacy, comprehension and conversation score set: 130 overall, with no component below 120.

Pearson PTE Academic

69 overall, with no component below 61

LanguageCert Academic

75 overall, with no skill below 70

PSI Skills for English

C1 Pass in all bands

INDIA Standard XII

National Curriculum (CBSE/ISC) – 75% and above in English. Accepted State Boards – 80% and above in English.

WAEC

C6 or above

Pre-sessional English

Do you need to complete a Pre-sessional English course to meet the English language requirements for this course?

The length of Pre-sessional English course you'll need to take depends on your current level of English language ability.

Pre-sessional English in detail

If you don't meet our English language requirements, we can use your most recent IELTS score, or [the equivalent score in selected other English language tests](#), to determine the length of Pre-sessional English course you require.

Use the table below to check the course length you're likely to require for your current English language ability and see whether the course is available on campus or online.

Your most recent IELTS score	Pre-sessional English course length	On campus or online
6.5 overall, with no component below 6.0	6 weeks	On campus or online
6.0 overall, with writing at 6.0 and no component below 5.5	10 weeks	On campus or online
6.0 overall, with no component below 5.5	12 weeks	Online
5.5 overall, with no component below 5.5	20 weeks	On campus
5.5 overall, with no component below 5.0	30 weeks	On campus
5.0 overall, with no more than one component at 4.5	40 weeks	On campus

If you've completed an alternative English language test to IELTS, we may be able to use this to assess your English language ability and determine the Pre-sessional English course length you require.

Please see our guide to [Pre-sessional English entry requirements](#) for IELTS 7.0 overall, with no component below 6.5, for further details.

^ [Back to top](#)

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