



Programme Specification

Therapeutic Radiography {Apprenticeship-UWE} [Glenside]

Version: 2026-27, v2.0, Validated

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Section 1: Key Programme Details

Part A: Programme Information

Programme title: Therapeutic Radiography {Apprenticeship-UWE} [Glenside]

Highest award: BSc (Hons) Therapeutic Radiography

Default award: BSc (Hons) Health and Social Studies

Interim award: BSc Health and Social Studies

Interim award: DipHE Health and Social Studies

Interim award: CertHE Health and Social Studies

Awarding institution: UWE Bristol

Teaching institutions: UWE Bristol

Study abroad: Yes

Year abroad: No

Sandwich year: No

Credit recognition: No

School responsible for the programme: CHSS School of Health and Social Wellbeing, College of Health, Science & Society

Professional, statutory or regulatory bodies:

Health and Care Professions Council (HCPC)

Society and College of Radiographers (CoR)

Apprenticeship: ST0620

Modes of delivery: Full-time

Entry requirements: For current entry requirements see the UWE public website.

Tariff points: 120

GCSE: Grade C/4 or above in English Language or Literature, Mathematics and Double Science, or equivalent.

A-level subjects: Grade C in a Science subject.

Relevant subjects: Subjects that meet the Science requirement for this course:

Biology, Human Biology, Chemistry, Mathematics, Physics, Psychology. Applicants with other Science subject that have a strong academic profile will be considered on an individual basis.

EDEXCEL (BTEC) Diploma: Six units in a Science subject.

Access: 15 Level 3 credits at Merit in a Science subject.

Baccalaureate IB: A minimum Grade 5 in a Higher Level Science subject.

For implementation from: 01 November 2023

Programme code: B82K00

Section 2: Programme Overview, Aims and Learning Outcomes

Part A: Programme Overview, Aims and Learning Outcomes

Overview: The main aim of the BSc (Hons) Therapeutic Radiography Apprenticeship programme is to ensure that Therapeutic Radiographers qualifying from the University of the West of England, Bristol, are fit for practice and purpose by being adaptive, reflective, competent practitioners and critical thinkers.

The programme aims to enable you to embrace the role of the radiographer as a practitioner, a support, leader and an advocate to the patient.

Graduates should be able to take responsibility for their own personal and professional development and be able to implement safe, ethical and effective delivery of radiotherapy services in a wide variety of inter-professional and multicultural contexts.

Utilising clinical placements, on the job training opportunities, and simulated practice scenarios, you will be given opportunities to use specialised equipment to enable development and consolidation of your graduate attributes.

In the BSc (Hons) Therapeutic Radiography Apprenticeship programme you have access to a range of technology enhanced learning opportunities that include Virtual Environment of a Radiotherapy Treatment room (VERT), radiotherapy planning computers, radiographic software applications as well as university wide simulation technology. You will have the opportunity of small group practical work in fully functioning radiographic equipment e.g. CT scanner to further enhance and consolidate your learning.

The programme prides itself on the variety of methods used to deliver academic content that includes the use of expert practitioners, service user expertise, online facilitation and technology enhanced teaching tools in addition to on-the-job training opportunities, with innovative assessment strategies. An autonomous and apprentice-centred approach to learning is adopted where learners are encouraged and enabled to take responsibility for their own learning.

At the heart of the programme are the 6 design principles:- programmatic by design, discipline and practice orientated, scholarly based, inclusive and international, graduate attribute enabling, trans-formative for staff and apprentices. This enables the programme to be:

Strategically resonant: reflecting the institution's strategic priorities in discipline specific, practice oriented and contextually meaningful ways;

Enhancement-led: ensuring that enhancement lies at the heart of all curriculum and pedagogic development and review work;

Shared endeavours: engaging apprentices, academic and professional services staff, employers and professional, statutory and regulatory bodies in meaningful partnership to co-create outstanding programmes and outstanding academic practice.

Features of the programme: Distinct features include:

Apprentice ownership of continuing personal and professional development is

facilitated by the use of pre-determined professional practice competencies, and guided learning through on-the-job and off-the-job clinical training opportunities. This provides the basis for a personal CPD file which facilitates lifelong learning.

There are opportunities at all levels of the programme for collaborative learning with peer teaching and group work activities included in several modules.

Access to a dedicated CT scanner, VERT system and radiotherapy planning system will enable a range of simulated practice experiences throughout the degree.

The placements and other clinical learning opportunities ensure UWE apprentices possess excellent transferable skills, such as adaptability, communication skills, effective team working and resilience. This improves digital fluency, enhances critical thinking, and promotes a professional forward looking graduate.

Educational Aims: The programme aims to:

Fulfil the requirements to be eligible to apply for registration with the Health and Care Professions Council (HCPC) with the protected title of Therapeutic Radiographer, and membership of the Society and College of Radiographers (SCoR).

Develop safe and effective practitioners who undertake a reflective and evaluative approach to their professional practice, whilst promoting a value base that respects culture, equality and diversity.

Enable graduates to be effective in self-management approaches, to develop leadership potential, and proactively engage in the process of research, lifelong learning and continuing professional development (CPD).

Understand and implement research-based and evidence-based practice in order to appreciate the broader context of health and social care activities.

Develop key interpersonal and professional skills in order to function effectively within the healthcare environment

Programme Learning Outcomes:

On successful completion of this programme graduates will achieve the following learning outcomes.

Programme Learning Outcomes

- PO1. Practise safely and competently within an ethical and legal framework within their scope of practice, abiding by the standards of conduct, performance and ethics expected of HCPC registrants and The Society and College of Radiographers.
- PO2. Apply current legislation and guidelines governing the safe and effective delivery of ionising and non-ionising radiation.
- PO3. Integrate theory with practice using critical analysis, evaluation, reasoning and problem-solving skills in order to enhance practice.
- PO4. Adopt a holistic approach to the delivery of radiotherapy, which is responsive to the needs of the individual and service.
- PO5. Be flexible and adaptable to change, and develop leadership abilities, taking responsibility for personal well-being and continuing professional development.
- PO6. Undertake a reflective and evaluative approach to professional practice, engaging in research evidence to develop and support radiotherapy practice.
- PO7. Work within an interprofessional framework using autonomous judgement to support patient care pathways.
- PO8. Utilise a range of communication strategies to ensure the effective support of the individual and service.

Assessment strategy: The Therapeutic Radiography apprenticeship has a coherent assessment strategy which plays out across the programme and integrates the learning taking place at each level. A range of assessment strategies are employed throughout the programme to aid engagement and enhance the inclusivity of the learning experience. Assessments are designed to be meaningful and relate to real world situations in both simulated and real-life clinical environments. The range of assessment methods used provides the opportunity to set the learners knowledge and ability in context in relation to different environments.

Within each module, learners are guided through the assessment strategy by ensuring that a formative feed forward/feedback approach is adopted. Practice assessments and draft submissions are encouraged. A step-by-step approach will allow the learner to develop appropriate presentation skills, beginning with regular formative opportunities to work and present in small groups before having to present as a summative assessment.

Assessments are designed to reflect the progressive nature of the learning activities. Exam based assessments at level 4 will facilitate demonstration of knowledge of the core competencies and evidence base whilst written assignments introduce learners to searching for evidence, academic writing skills and transfer of knowledge. Enquiry based research will be further developed at level 5 and 6 by undertaking a range of assessments including poster design, research project, and reflective writing designed to be meaningful and integral to “real world” experiences of healthcare practice. Competency based practical skills assessments throughout all three years allow linkage of theory to practice. Using autonomous judgement to support progression in clinical practice, will allow the apprentice to produce a coherent and meaningful portfolio of evidence that can be taken forward into professional practice beginning the process of continued professional development and life-long learning.

Student support: Whilst on the BSc (Hons) Therapeutic Radiography Degree Apprenticeship programme learners can access a range of well-being and academic support from the University, in addition to that provided by their employers. UWE Wellbeing Services offer support for distressed or anxious learners and those needing further inspiration to manage their wellbeing. Campus based student experience coaches provide a collaborative service that aims to help learners to overcome any challenges and make the most of their university experience.

The UWE Glenside Library is one of the best Libraries for Health and Social Care in the South West of England and hosts an extensive range of profession specific books and academic journals and online resources to support learning. The library also offers a range of study skills workbooks, workshops and individual support

sessions to ensure learners have the academic skills required to succeed on the programme.

Programme specific support includes the use of Mentors within their clinical site, in addition apprentices are allocated a Tripartite reviewer who they will meet with regularly to monitor and support their progress throughout their academic journey.

Whilst on campus apprentices have access to a range of technology enhanced learning opportunities that include VERT, radiotherapy planning computers, CT scanner and radiographic software as well as university wide simulation technology. Collaborative partnerships with external stakeholders allows learners to gain experiences of advancing technologies in radiotherapy.

Part B: Programme Structure

Year 1

The student must take 120 credits from the modules in Year 1.

Year 1 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UZYYYA-30-1	Anatomy and Physiology Therapeutic Radiography 2026-27	30
UZYYYB-30-1	Radiotherapy Physics Therapeutic Radiography 2026-27	30
UZYYYC-30-1	Therapeutic Radiography Clinical and Professional Practice 1 2026-27	30
UZYYYD-30-1	Fundamentals of Therapeutic Radiography Practice 2026-27	30

Year 2

The student must take 120 credits from the modules in Year 2.

Year 2 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules.

Module Code	Module Title	Credit
UZYYYE-15-2	Principles of Research for Apprentice Radiographers 2027-28	15
UZYYYF-15-2	Integrating Reflection and Professional Practice in Radiography 2027-28	15
UZYYYG-30-2	Therapeutic Radiography Pre-Treatment 2027-28	30
UZYYYH-30-2	Intermediate Therapeutic Radiography Practice 2027-28	30
UZYYYJ-30-2	Therapeutic Radiography Clinical and Professional Practice 2 2027-28	30

Year 3

The student must take 120 credits from the modules in Year 3.

Year 3 Compulsory Modules

The student must take 120 credits from the modules in Compulsory Modules

Module Code	Module Title	Credit
UZYYYK-30-3	Advancing Therapeutic Radiography Practice 2028-29	30
UZYYYL-30-3	Person Centred Care and Communication in Therapeutic Radiography 2028-29	30
UZYYYM-30-3	Research Project for Therapeutic Radiography Apprenticeship 2028-29	30
UZYYYN-30-3	Therapeutic Radiography Clinical and Professional Practice 3 2028-29	30

Part C: Higher Education Achievement Record (HEAR) Synopsis

Radiotherapy graduates will demonstrate knowledge, skills and attributes necessary to provide effective and holistic care for patients. Graduates will be able to integrate theory with practice using critical analysis, reasoning and autonomous judgment. They will undertake multi-professional team working and communicate effectively with service users, carers and the wider healthcare team. They will be competent, reflective practitioners with an understanding of clinical and key performance indicators with the ability to critique and review research evidence to inform practice. Radiotherapy graduates will adhere to professional codes of conduct and ethics and upon qualification be fit to practice as entry-level therapeutic radiographers.

Part D: External Reference Points and Benchmarks

The apprenticeship reflects the philosophy, core values and skills and knowledge base as described in a range of profession specific drivers. At its core, the apprenticeship's learning outcomes are built on the Health and Care Professions Council's Standards of Proficiency for Radiographers; Standards of Education and Training, Guidance on Student Conduct and Ethics and Institute for Apprenticeships and Technical Education (IfATE) Therapeutic Radiographer standard. This is further supported by the Standard of education and practice requirements-indicative curriculum- set by the Society and College of Radiographers which comprehensively outlines the requirements for the education and training of radiographers in the UK.

The UWE Enhancement Framework is embedded at all levels of study with particular reference to providing a strong learner focus, ensuring the best experience both academically and socially; to ensuring open and responsive communications and showing full commitment to equity, fairness and inclusivity with a "can do approach".

The design of the BSc(Hons) Therapeutic Radiography degree apprenticeship programme at all levels is based on the reference points and benchmarks set out by the:

Health and Care Professions Council (2017) Standards of Education and Training.
HCPC: London

Health and Care Professions Council (2024) Guidance on Conduct and Ethics for

Students. HCPC: London

Health and Care Professions Council (2023) Standards of Proficiency:

Radiographers HCPC: London

Society and College of Radiographers (2025) Programme Approval Check-list- Pre-registration Programmes SCoR: London

Society and College of Radiographers (2012) Quality Standards for Practice Placements SCoR: London

Society and College of Radiographers (2025) Code of conduct and ethics SCoR: London

Society and College of Radiographers (2025) Scope of Practice SCoR: London

Society and College of Radiographers (2004) The Approval and Accreditation of Education Programmes and Professional Practice in Radiography: Guidance on Implementation of Policy and Principles SCoR: London

Institute for Apprenticeships and Technical Education (IfATE) Therapeutic Radiographer standard (2023) - ST0620

University of the West of England, Bristol (2025) Sustainability strategy, leadership and plans. UWE, Bristol. [Online] Available at: <https://www.uwe.ac.uk/about/values-vision-strategy/sustainability/strategy-leadership-and-plans>

UWE 2030 Strategy.

Our networks with service providers are part of this outstanding learning experience. We work in collaboration with service providers and other stakeholders nationally in developing the curriculum and interviewing candidates.

Education for Sustainable Development UWE is committed to ensuring that its learners and future graduates, are equipped with the skills knowledge and attributes that will enable them to thrive in the challenging environment of the 21st century. As part of this commitment the university has developed a comprehensive approach to embedding Education for Sustainable Development (ESD) within the curricula of the University (UWE, 2014). The programme team maintains strong links with the Society and College of Radiographers (SCoR) with several being members of national fora. Some members of the team retain a clinical work load, whilst others are research active – this contributes to the apprentices learning experience, and ensures the teams' awareness of current developments and issues within the

profession.

There are bi-annual stakeholder meetings for practice educators and mentors to feed into programme developments, practice placement design and practice assessment. Quarterly board meetings with clinical service managers and mentors supporting the apprenticeship allows for discussions and collaboration on programme delivery, design and enhancement strategies. A yearly monitoring form is completed for SCoR. All of these mechanisms allow for evaluation, reflection, feedback and changes to the programme to enhance quality and ensure a programme is designed to be, engaging, innovative and fit for purpose.

Part E: Regulations

Approved to Variant University Regulations and Procedures