

DEFINITIVE COURSE RECORD

Course Title	BSc (Hons) Radiotherapy and Oncology
Awarding Bodies	University of Suffolk
Level of Award ¹	FHEQ Level 6
Professional, Statutory and Regulatory Bodies Recognition	Health and Care Professions Council (HCPC)
Credit Structure ²	360 Credits Level 4: 120 Credits Level 5: 120 Credits Level 6: 120 Credits
Mode of Attendance	Full-time
Standard Length of Course ³	3 years full-time
Intended Award	BSc (Hons) Radiotherapy and Oncology
Named Exit Awards	Certificate of Higher Education in Cancer Studies Diploma of Higher Education in Cancer Studies BSc Cancer Studies
Entry Requirements ⁴	Three GCSEs at grade 4/C or above including Maths and English Typical Offer: 112 UCAS tariff points or equivalent Subject to satisfactory enhanced Disclosure and Barring Service (DBS) checks and occupational health clearance prior to commencing the course
Delivering Institution(s)	Ipswich
UCAS Code	B822

This definitive record sets out the essential features and characteristics of the BSc (Hons) Radiotherapy and Oncology course. The information provided is accurate for students entering level 4 in the 2027-28 academic year⁵.

¹ For an explanation of the levels of higher education study, see the [QAA Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies \(2024\)](#)

² All academic credit awarded as a result of study at the University adheres to the [Higher education credit framework for England](#).

³ Where the course is delivered both full-time and part-time, the standard length of course is provided for the full-time mode of attendance only. The length of the part-time course is variable and dependent upon the intensity of study. Further information about mode of study and maximum registration periods can be found in the [Framework and Regulations for Undergraduate Awards](#).

⁴ Details of standard entry requirements can be found in the [Admissions Policy](#) and further details about Disclosure and Barring Checks (DBS) can be found on the [University's DBS webpage](#).

⁵ The University reserves the right to make changes to course content, structure, teaching and assessment as outlined in the [Admissions Policy](#).

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Course Summary

The BSc (Hons) Radiotherapy and Oncology course is designed to equip students with the knowledge, skills and understanding to produce high quality medical images across a range of healthcare settings. Students are supported to develop and apply the values and behaviours necessary to provide effective care, which is compassionate, safe and meets the diverse needs of service users.

Practice placement is integral to the course, enabling students to apply the theory taught in academic blocks to their interactions with service users in the National Health Service (NHS). Students are prepared for their placements through a structured programme of simulation-based learning in the VERT software on campus, placement preparation weeks, PAD introduction, Practice Educator lectures prior to placement and taster days to visit practice prior to placement commencing at level 4. They will observe and participate in the full range of radiotherapy treatments, planning and patient care, participating in the multidisciplinary team and engaging in a range of hospital-wide experiences.

The requirements and recommendations of key stakeholders are recognised and have been embedded within the curriculum to ensure new graduates are fit for contemporary practice.

Upon successful completion of the BSc (Hons) Radiotherapy and Oncology course, students are eligible to apply for registration with the Health and Care Professions Council (HCPC).

Course Aims

In providing this course, the University and course team aims to support students to develop the:

1. Develop knowledge, skills and understanding to achieve the level of competence essential for registration with the Health and Care Professions Council (HCPC) for the Society and College of Radiographers (SCoR) for professional practice as a radiographer.
2. Intellectual and practical skills for research and enquiry, to develop an analytical, evaluative and reflexive approach to professional practice which will engender a strong foundation for lifelong learning, continuing professional development (CPD) and preparation for postgraduate study.
3. Interpersonal and communication skills, to effectively engage as part of the multidisciplinary team across a range of contexts for the benefit of the diverse needs of the service user.
4. Knowledge, skills and understanding to supervise, develop and motivate others, to foster resilience in their work and to be responsible for themselves and others in their professional practice.

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5. Underpinning principles to develop a set of core values and beliefs which embrace, reflect and promote the NHS constitution.

Course Learning Outcomes

The following statements define what students graduating from the BSc (Hons) Radiotherapy and Oncology course will have been judged to have demonstrated in order to achieve the award. These statements, known as learning outcomes, have been formally approved as aligned with the generic qualification descriptor for level 6 awards as set out by the UK Quality Assurance Agency (QAA)⁶.

1. Evidence the requisite knowledge, skills and understanding to achieve the level of competence necessary for professional registration as a Therapeutic Radiographer.
2. Communicate effectively, work collaboratively and critically reflect upon practice to provide safe and effective, person-centred care.
3. Evidence a comprehensive understanding of and adherence to professional, regulatory, ethical and legal requirements in the delivery of radiotherapy treatment and patient care.
4. Critically evaluate and synthesise evidence from a range of credible sources to deliver high quality, evidence-based practice and encourage service improvement.
5. Promote inclusivity, diversity and non-discriminatory practices in therapeutic radiography.
6. Analyse, synthesise and critically reflect to manage complex situations, demonstrating initiative and autonomous decision-making.
7. Evidence supervision, mentorship and leadership skills.
8. Design and undertake an individual project relevant to therapeutic radiography and effectively communicate the findings and implications for practice.
9. Evidence effective writing, numeracy and digital literacy skills.
10. Demonstrate high standards of personal and professional conduct, and a commitment to lifelong learning and CPD.

⁶ As set out in the [QAA Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies \(2024\)](#)

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Course Design

The design of this course has been guided by the following QAA Benchmarks / Professional Standards / Health and Care Professions Council (HCPC) / College of Radiographers (CoR) / Society of Radiographers (SoR) Competency Frameworks:

- HCPC Standards of Conduct, Performance and Ethics (HCPC, 2024)
- HCPC Standards of Continuing Professional Development (HCPC, 2017)
- HCPC Standards of Education and Training (HCPC, 2017)
- HCPC Standards of Proficiency – Radiographers (HCPC, 2023)
- CoR Education and Career Framework for the Radiography Workforce (CoR, 2022)
- CoR Research Strategy 2021-26 (CoR, 2020)
- SoR Code of Professional Conduct (SoR, 2013)
- SoR Quality Standards for Practice Placements (2012)
- QAA The Frameworks for Higher Education Qualifications of UK Degree-Awarding Bodies (2024)

Course Structure

The BSc (Hons) Radiotherapy and Oncology degree comprises modules at levels 4, 5 and 6. Module Specifications for each of these modules is included within the course handbook, available to students online at the beginning of each academic year.

	Module	Credits	Module Type ⁷
Level 4			
	Foundations of Cancer	30	M
	Physics and Technology in Cancer Care	30	M
	Holistic Approaches to Cancer Care	30	M
	Radiotherapy Practice 1	30	M
Level 5			
	Principles of Cancer	30	M
	Research Methods in Contemporary Healthcare	30	M
	Radiotherapy Planning and Advances in Technology	30	M
	Radiotherapy Practice 2	30	M

⁷ Modules are designated as either mandatory (M), requisite (R) or optional (O). For definitions, see the [Framework and Regulations for Undergraduate Awards](#)

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Level 6			
	Integrated Cancer Care	30	M
	Research Project	30	M
	Coaching and Leadership in Radiography	30	M
	Radiotherapy Practice 3	30	M

Awards

On successful completion of the course, students will be awarded a BSc (Hons) Radiotherapy and Oncology degree. Students who leave the course early may be eligible for a BSc Cancer Studies on successful completion of 300 credits, including all mandatory modules at levels 4 and 5 and 60 credits at level 6, a DipHE Cancer Studies on successful completion of 240 credits including all mandatory modules at level 4 and 5 or a CertHE Cancer Studies successful completion of 120 credits including all mandatory modules at levels 4.

Course Delivery

The course is delivered at the Ipswich campus. Students studying full-time on BSc (Hons) Radiotherapy and Oncology are likely to have approximately 300 contact (direct and OLE) hours for level 4, 255 contact (direct and OLE) hours for level 5 and 153 contact (direct and OLE) hours for level 6. The contact hours will be a mix of learning activities designed and structured by tutors according to the subject area and intended learning outcomes. This will include traditional lectures, simulation, research supervision, small group tutorials and workshops, as well as asynchronous activities including formative quizzes, guided-reading, multi-media and research tasks. Students will also be required to participate in 14 weeks (30 hours per week) of practice placement at level 4, 16 weeks at level 5 (30 hours per week) and 16 weeks at level 6 (30 hours per week). Placements will be arranged by the University. Students will normally be expected to undertake 600 hours of independent study at level 4, 660 hours at level 5 and 765 hours at level 6 week but should be prepared for this to vary based on assignment deadlines and class exercises.

Course Assessment

A variety of assessments will be used on the course to enable students to experience and adapt to different assessment styles. The assessment methods used will be appropriate to assess each module's intended learning outcomes. Assessment on the course overall will be approximately 41% coursework (including case studies, podcasts, journal article critique, research proposal, critical feedback discussion, reflective portfolio and research project), 18% examinations and 41% practical assessments.

Special Features

On successful completion of the BSc (Hons) Radiotherapy and Oncology course, students are eligible to apply for registration with the Health and Care Professions Council (HCPC).

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Course Team

The academic staff delivering this course are drawn from a team that includes teaching specialists and current practitioners. All staff are qualified in their subjects with their own specialist knowledge to contribute and are registered as therapeutic radiographers with the HCPC.

Course Costs

Students undertaking BSc (Hons) Radiotherapy and Oncology will be charged tuition fees as detailed below.

Student Group	Tuition Fees
Full-time UK/EU	£9,790 per year
Part-time UK/EU	Not applicable
Full-time International	£18,870 per year
Part-time International	Not applicable

Payment of tuition fees is due at the time of enrolment and is managed in accordance with the Tuition Fee Policy.

Students will be required to pay for their DBS check and a small ID check and processing fee. The breakdown of course can be found on the [University of Suffolk's DBS](#) page. Students are likely to incur other costs for learning materials such as printing, books and stationery. Where eligible, students are reimbursed for travel, accommodation and car parking costs whilst on placement; however, these are paid retrospectively.

Academic Framework and Regulations

This course is delivered according to the Framework and Regulations for Undergraduate Awards and other academic policies and procedures of the University and published on the [website](#).