

Course Specification

A. Course Information											
Final award title(s)	MSc Therapeutic Radiography										
Intermediate exit award title(s)	Pg Dip in Health Studies Pg Cert in Health Studies Only MSc Therapeutic Radiography awards confer eligibility to apply for registration with the Health and Care Professions Council										
UCAS Code		Course Code(s)	4958 – MSc 2324 – PgDip 3927 – MSc Top Up								
	London South Bank University										
School	<input type="checkbox"/> ASC <input type="checkbox"/> ACI <input type="checkbox"/> BEA <input type="checkbox"/> BUS <input type="checkbox"/> ENG <input checked="" type="checkbox"/> HSC <input type="checkbox"/> LSS										
Division	Radiography and ODP										
Course Director	Caroline Walker										
Delivery site(s) for course(s)	<input checked="" type="checkbox"/> Southwark <input type="checkbox"/> Havering <input type="checkbox"/> Croydon <input type="checkbox"/> Other: (please specify)										
Mode(s) of delivery	<input checked="" type="checkbox"/> Full time <input type="checkbox"/> Part time <input type="checkbox"/> other please specify										
Length of course/start and finish dates	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Mode</th> <th style="width: 25%;">Length years</th> <th style="width: 25%;">Start - month</th> <th style="width: 25%;">Finish - month</th> </tr> </thead> <tbody> <tr> <td>Full time with placement</td> <td style="text-align: center;">2</td> <td style="text-align: center;">September</td> <td style="text-align: center;">August</td> </tr> </tbody> </table>			Mode	Length years	Start - month	Finish - month	Full time with placement	2	September	August
Mode	Length years	Start - month	Finish - month								
Full time with placement	2	September	August								
Is this course suitable for a Visa Sponsored Student?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										
Approval dates:	Course(s) validated / Subject to validation	March 2022									
	Course specification last updated and signed off	September 2022									
Professional, Statutory & Regulatory Body accreditation	Health and Care Professions Council Society and College of Radiographers										
Reference points:	Internal	Corporate Strategy 2020-2025 Academic Quality and Enhancement Website School Strategy LSBU Academic Regulations									
	External	HCPC Guidance on Conduct and Ethics for Students, 2016 HCPC Standards of Proficiency, 2013 HCPC Standards of Conduct, Performance and Ethics, 2016 HCPC Standards of Education and Training, 2017 Society and College of Radiographers - Education and Career Framework for the Radiography Workforce, 2013 Society and College of Radiographers Research Strategy (2021 – 2026) - CoR Research Strategy 2021 - 26 CoR (collegeofradiographers.ac.uk)									

QAA The UK Quality Code for Higher Education 2018
 Framework for Higher Education Qualifications
 OfS Guidance
 SEEC Level Descriptors 2021
 Competitions and Markets Authority

B. Course Aims and Features

<p>Distinctive features of course</p>	<ul style="list-style-type: none"> • meeting the HCPC Standards of Proficiency (2013) and HCPC Standards of Education and Training (2017) and enable successful students to be eligible to apply for registration with the Health and Care Professions Council. • equipping individuals with the knowledge and skills required for eligibility to apply for registration with the Health and Care Professions Council as a therapeutic radiographer. • course design has been strategically built to reflect the indicative curriculum for autonomous practitioners published in the Society and College of Radiographers Education and Career Framework for the Radiography Workforce (2013). • taught 120-credit Pg Dip or 180-credit MSc award, that will confer eligibility to register with the HCPC • it is an accelerated programme, over two years, for graduate students who already have a level 6 qualification in a health or science-related subject. • Revision of the existing programme has encompassed the evolving technological advancements and the format of the changing healthcare environment, with the aim of providing practitioners who are fit for purpose and fit for award.
<p>Course Aims</p>	<ul style="list-style-type: none"> • ensure that the graduating radiography student achieves the competencies for registration as a therapeutic radiographer • develop confident and competent practitioners who practise autonomously, compassionately, skilfully and safely whilst maintaining dignity and promoting health and wellbeing • develop a graduate therapeutic radiographer who is a critical consumer of research and evidence • foster independence in learning and commitment to lifelong learning • develop the qualities and transferable skills necessary for employment
<p>Course Learning Outcomes</p>	<p>Students will acquire knowledge and understanding of the:</p> <p>A1 philosophy underpinning the development of the profession of radiography</p> <p>A2 role of the radiographer in the promotion of health and health education in relation to healthy living and health screening for disease detection</p> <p>A3 role of other professions and services in health and social care</p> <p>A4 structure and function of the human body, together with knowledge of health, disease, disorder and dysfunction relevant to their profession</p> <p>A5 structure and function of the human body in health and disease, including: – regional and cross-sectional anatomy of the head, neck, thorax, pelvis and abdomen – common pathologies and mechanisms of disease with a concentration on cancer, histology, haematology and the lymphatic and immune systems</p> <p>A6 physiological signs and symptoms, clinical investigations and diagnostic procedures that result in referral for radiotherapy</p> <p>A7 oncology and pathophysiology of solid and systemic malignancies, epidemiology; aetiology; clinical presentation; impact and the management of patients with cancer.</p> <p>A8 radiobiological principles on which the practice of radiography is based</p> <p>A9 risk-benefit philosophy and principles involved in the practice of therapeutic radiography</p>

	<p>A10 principles and applications of scientific enquiry, including the evaluation of treatment efficacy and the research process</p> <p>A11 physical principles of ionising radiation production, interaction, modification and protection underpinning radiation therapy. In particular, detailed knowledge of current legislation relating to the use of ionising radiation for medical purposes is essential;</p> <p>A12 physical and scientific principles on which image formation using ionising and non-ionising radiation is based</p> <p>A13 principles of dose calculation and radiation dosimetry</p> <p>A14 theoretical basis underpinning patient assessment prior to and during radiotherapy treatment</p> <p>A15 capability, applications and range of technological equipment used in radiotherapy</p> <p>A16 concepts and principles involved in the practice of radiotherapy and how these inform and direct clinical judgement and decision making</p> <p>A17 pharmacology and methods of administration of contrast agents, cytotoxic agents and drugs used in the relief of symptoms encountered frequently within the oncology setting.</p> <p>A18 quality assurance processes in place within radiotherapy</p> <p>A19 current developments and trends in the science and practice of radiotherapy</p> <p>A20 biochemical science of radiation pathophysiology</p> <p>A21 influence of adjuvant treatment including surgery and chemotherapy on radiotherapy dose prescription, timing of radiotherapy and post radiotherapy complications</p> <p>A22 behavioural and communication sciences, and in depth understanding of their relevance and application to the care of people with cancer and undergoing cancer treatment, particularly radiation therapy;</p> <p>A23 legislative, policy, ethical and research frameworks that underpin inform and influence the practice of therapeutic radiographers.</p> <p>A24 current developments and trends in the science and practice of radiography and cancer management and therapy.</p> <p>A25 concept of leadership and its application to practice</p> <p>Students will develop their intellectual skills such that they are able to:</p> <p>B1 systematically evaluate and apply the scientific principles underpinning therapeutic radiography practices.</p> <p>B2 assess the role of radiotherapy and the therapy radiographer in the overall care of the client / patient.</p> <p>B3 assess the factors impinging on the delivery of continuity of care within a multidisciplinary team.</p> <p>B4 systematically evaluate the development of patient care and treatment or investigation strategies encountered in the oncology department and initiate action appropriate for the individual.</p> <p>B5 be able to assess a professional situation, determine the nature and severity of the problem and call upon the required knowledge and experience to make reasoned decisions to initiate, continue, modify or cease radiotherapy treatment</p> <p>B6 systematically evaluate the moral and ethical issues relevant to the clinical situation.</p>
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- B7 critically reflect on practice ensuring an evidence based approach to the professional role.
- B8 critically review research designs and methods which are used to generate evidence in radiotherapy
- B9 analyse and process data accurately, in order to conduct treatment preparation procedures and deliver radiation therapy efficiently and effectively.
- B10 demonstrate clinical reasoning skills based on judgements made from the collection, interrogation and interpretation of data from a range of sources and provided by a variety of methods.
- B11 recognise the value of research to the critical evaluation of radiotherapy practice.
- B12 engage in the underlying principles of supervision.

Students will acquire and develop practical skills such that they are able to:

- C1 accurately and safely operate a range of therapeutic radiography equipment and maintain a safe practice environment.
- C2 competently perform and evaluate a wide range of radiotherapy techniques and assure the quality of their practice.
- C3 practise within the legal and ethical boundaries of radiotherapy
- C4 demonstrate levels of clinical decision making commensurate with the level of theoretical and practical understanding.
- C5 consistently demonstrate skills in communication, information giving and developing therapeutic relationships.
- C6 prepare the patient both physically and psychologically in order to carry out an effective clinical procedure.
- C7 immobilise the patient for safe and accurate treatment preparation and delivery.
- C8 localise the target volume precisely in relation to external surface and anatomical reference markings using a range of techniques including computed tomography and magnetic resonance imaging
- C9 manipulate exposure and image recording parameters to optimal effect and interpret and evaluate images obtained during radiotherapy planning and treatment
- C10 be able to distinguish between normal and abnormal appearances evident on images, interpret and evaluate images obtained during radiotherapy planning and treatment identify organs at risk on images to provide information for radiotherapy treatment planning
- C11 generate a treatment plan and verify the treatment parameters to ensure delivery of the optimal radiation prescription.
- C12 to undertake radiation dose calculations
- C13 apply effective moving and handling skills in order to protect patients and self.
- C14 record and report outcomes of procedures appropriately.
- C15 demonstrate flexibility in working in a variety of work settings.
- C16 be able to remove and re-apply dressings and supports appropriately and in a safe, effective and considerate manner
- C17 manage their continuing professional development
- C18 practise as an autonomous professional, exercising their own professional judgement within their scope of knowledge

Students will acquire and develop **transferable skills**, such that they are able to:

- D1 communicate effectively in both an inter and intra professional setting.
- D2 work effectively with others and perform as an effective member of an interdisciplinary team.
- D3 apply numeracy skills accurately to information and data relating to therapeutic radiography procedures.
- D4 use information and communications technology effectively, both in the practical situation and as a learning resource.
- D5 learn, think and problem solve independently in familiar and unfamiliar situations with an open mind.
- D6 interpret numerical, statistical data and written instructions accurately and safely and maintain records appropriately
- D7 identify and present material and the evidence base to support a reasoned argument.
- D8 critically reflect on practice / subject area using research evidence ensuring an evidence based approach to the professional role.
- D9 be accountable for their actions
- D10 practise in a non-discriminatory manner
- D11 meet the care needs of individuals and their significant others sensitively and respectfully having regard to the impact of illness and trauma and to socio-cultural differences.
- D12 be accountable for their actions

C. Teaching and Learning Strategy

- Keynote lectures will be used to introduce and update existing knowledge
- Module co-ordinators provide material on-line and students are encouraged to explore the use of on-line technologies that provide virtual teaching and assessment environments.
- Self-directed learning through structured reading/guided study supplemented by e-activities on the VLE
- Virtual Environment Radiotherapy Treatment (VERT), imaging and dosimetry skills lab workshops to prepare students for clinical placements
- Seminars, discussions and small group exercises to share ideas, undertake critical incident analysis and reflect on practice based issues
- Tutorials with individuals and groups
- Formative assessments
- Lectures
- Seminars
- Group work
- Clinical education
- Tutorials within clinical placements
- Enquiry based learning
- Tutorials
- Formative assessments
- E discussions
- Observation and demonstration of practices within clinical placements
- Workshops / role play / simulation
- Independent reading / learning
- E-learning will be incorporated as a teaching and learning strategy throughout.

D. Assessment

Assessment methods are specified in each Module Guide and cover the module and course learning outcomes prescribed in the Module Guide. Content, knowledge and understanding is assessed through a variety of means and is aligned to the practical or theoretical content of the modules.

Assessment tasks are drawn from the following:

- Written Examination
- Written Assignment
- Objective Structured Clinical Examination (OSCE)
- Multi-modal Clinical Judgement Assessment (MMCJA)
- VIVA
- E-activities
- Clinical Competency Portfolio
- Poster Presentation
- Oral presentations
- Oral examinations

E. Academic Regulations

The University's Academic Regulations apply for this course. Any course specific protocols will be identified here: [Academic Regulations 2021-2022](#)

All modules must be successfully completed before the student is allowed to progress to the next stage.

Protocol fails or compensated passes are not permitted.

PROTOCOL FOR THIRD ATTEMPTS

This to apply on for exceptional third attempt at a single assessment in the final year and may only be considered by the examination board in accordance with both of the following eligibility criteria for a single module.

Eligibility criteria

1. Increase in mark between first attempt and second.
2. Second attempt mark to be within 5% of the pass mark.

Non-eligibility criteria

3. Post-registration courses
4. CPPD stand alone modules
5. Apprenticeship courses

F. Entry Requirements

Applicants to these programmes will need to meet the following entry criteria (or recognised equivalent):

All applicants must be 18 years or over at the commencement of the course.

It is anticipated that applicants will possess:

- an Honours degree (minimum 2:1 Classification) in a subject related to science or health, for example, physics, biology, health sciences.

Consideration will also be given to other relevant qualifications recognised as equivalent to the above.

Students must have the following minimum International English Language Test Score (IELTS) results at the time of applying:

- 7.0 overall or equivalent.
- 7.0 in the listening and reading sections.
- 7.0 in the writing and speaking sections.

[or TOEFL: 570 including 55 in the Test of Spoken English (TSE) and at least 5 in the Test of Written English (TWE)], at the time of application.

Application is by UCAS.

The admission and selection procedures outlined are based on the following principles:

- Fitness for practice
- An imperative to ensure flexibility of entry in accordance with Department of Health guidance
- The course team's commitment to facilitate equal opportunities at the point of entry and throughout the course.

The university operates an equal opportunities policy where there is no discrimination in view of age, gender, race, marital status, sexual orientation, socio-economic background, disability or religious beliefs.

All offers of places on the programme are conditionally based on:

1. Satisfactory outcome of an interview;
2. Occupational Health clearance;
3. Satisfactory outcome of an Enhanced Criminal Records Bureau Disclosure

Potential students may also apply for exemption for certain modules on the basis of prior learning and/or experience through the AP(E)L process when applying. This will be reviewed by the APEL team in the school for consideration of exemption. An overview of the recruitment requirements and AP(E)L process are detailed in the Generic Document (Document C).

Applications from candidates with disabilities are considered and assessment of abilities and needs undertaken sensitively. The safety of the potential students is an important consideration.

In addition to the appropriate academic qualifications, students will need to demonstrate the following abilities:

- Communicate effectively both verbally and in writing
- Demonstrate reasons for interest in chosen field of Therapeutic Radiography
- Demonstrate values and attitudes consistent with the principles of values-based recruitment
- Undertake independent study, prioritise own workload and possess time management/organisational skills
- Articulate their understanding of the role of the Radiographer including the value base of the profession
- Meet the professional demands of the Health and Care Professions Council, Society & College of Radiographers and the course of study to be undertaken
- Demonstrate due regard for dignity, respect for persons, confidentiality and equal opportunities.
- Reflect upon their life skills and the relevance to Therapeutic Radiography

G. Course structure(s)

The programme is structured in order to maximise coherence of academic and clinical study. The university programme is based on a 2-year model, taking 24 months to complete. In each year, academic delivery of the modules is organised across the two university semesters. The relative balance of academic to clinical practice reflects the expectation that graduate entry will provide students with skills necessary to progress at an appropriate pace and level of study.

Where appropriate academic sessions will be shared with the relevant pre-registration undergraduate therapeutic radiography modules; on other occasions the postgraduate students will be taught alone. Shared teaching has been well received in the past, particularly when students from different clinical environments, who can discuss issues of common interest.

Practice is integrated throughout the two years; this structure recognises that clinical practice needs to be fundamentally embedded within the curriculum to enable students to develop the ability to link core knowledge and theory with practical clinical skills.

This programme design aims to ensure that future graduates are able to:

- Demonstrate strong professional role identity, autonomy, accountability and resilience;
- Work in partnership with peers, colleagues, service users and carers, to promote participation, health and well-being;
- Practice Radiotherapy in the context of current and emergent services and work effectively within a changing political and socio-economic climate.

Course overview:-

Study Year	Semester 1 (September – January)	Semester 2 (January – June)	Summer (June – August)	Credits Pg Dip	Credits MSc
Year 1 (months 1-12)	LSBU and practice-based learning	LSBU and practice-based learning	LSBU and practice-based learning	60	80
Year 2 (months 13-24)	LSBU and practice-based learning	LSBU and practice-based learning	LSBU and practice-based learning	60	100
Total				120 credits for award	180 credits for award

The relative balance of academic to clinical practice reflects the expectation that graduate entry will provide students with skills necessary to work at an accelerated rate in the academic environment. In the clinical environment the Pg Diploma and MSc students complete all the clinical competencies required of the undergraduates, but over a period of two rather than three years.

Practice is integrated throughout the two years and the importance of this particularly in the second year is indicated by the inclusion of the 40 credit unit.

MSc Dip Course Plan				
Module Title	Credit	Level	Semesters	
Radiation science & technology	20	6	1 & 2	Therapeutic Radiography
Applied biological sciences	20	7	1 & 2	Therapeutic Radiography
Radiotherapy theory and practice 1	20	7	1 & 2	Therapeutic Radiography
Patient care and resources management in radiotherapy	20	7	1 & 2	Therapeutic Radiography

Radiotherapy theory and practice 2	40	7	1 & 2	Therapeutic Radiography
Service improvement in radiotherapy	20	7	1 & 2	Therapeutic Radiography
Image guided radiotherapy	20	7	1	Therapeutic Radiography
Health promotion and public health in radiotherapy	20	7	1	Therapeutic Radiography

Placements information

Practice and Work Based Experience

Radiography is a practice-based profession and the primary aim is to produce competent Therapeutic Radiography practitioners who are fit for award, practice, purpose and profession. It is therefore essential to provide students with a structured education based upon their supervised involvement in practice- and service user-orientated activities. Competency is achieved through experimental learning and active participation, supported by the acquisition of a necessary extensive knowledge base. During the programme all students are required to gain a range of experience and all radiotherapy centres used for placement are able to provide an appropriate range of experience. Where there are occasions when specific experience is unavailable, in a particular placement, at these times students may need to attend an alternative placement site.

Practice Placement is organised through the programme as illustrated in the table below:-

Practice Placement	Focus of Placement	Time schedule
Radiotherapy Theory and Practice 1	Introduction to Therapeutic Radiography Practice	Year 1 Semester 1 + 2
Radiotherapy Theory and Practice 2	Enhancement and development of year 1 fundamental skills. Clinical judgement and problem-based learning, to ensure meeting of standards of clinical competence, required for HCPC registration	Year 2 Semester 1 + 2

Allocation of placement sites is influenced by personal circumstances, geography and clinical capacity however to ensure fairness and equality across the cohort, and promote student experience and employability, pre-registration postgraduate students are allocated a single clinical site, which is their base for the duration of their clinical study. In addition, opportunities to work in both public and private healthcare settings are facilitated to promote engagement with different clinical settings, techniques and equipment.

Seconded students will complete the majority of their clinical training at the trust which is supporting their training.

Crucial to the success of practice-based education is the successful integration of academic and clinical components of the programme. The relationship between these two areas of learning is a mutually supportive one: the knowledge base underpins practice activities but is itself sustained through reflection upon and critical appraisal of practice experiences. To facilitate the bridging of the theory-practice interface the programme incorporates the use of skills sessions and laboratory workshops in the university and work-based learning materials and tutorial sessions in clinical practice. Students will also have access to a range of web-based resources via the "Moodle" virtual learning environment.

In order to assist personal development and increase motivation, it is considered important for Therapeutic Radiography students to develop self-awareness, belief in their own abilities and appreciation of their own individual cognisance. Practice placements are at the centre of the Therapeutic Radiography programmes and are designed to enable apprentices to develop a strong role identity as they become increasingly autonomous, accountable and resilient. Integration between the academic curriculum and the practice placements, at the level of the individual, aims to support students to manage and take responsibility for their professional development over time. Personal support will be offered by the course team, through link tutor roles.

Practice placements are audited annually as part of our quality assurance measures. Information discussed at tripartite reviews, will also look at placement quality to ensure the setting meets the requirements of the HCPC Standards of Education and Training.

H. Course Modules

YEAR 1		SEMESTER 1	WEEK	SEMESTER 2	WEEK
Radiation Science & Technology	Formative	On-line activities & mock examination	18	Mock examination	38
	Summative			2 hr unseen examination 100%	43
Applied Biological Sciences	Formative	Anatomical skills practical	18	Mock exam	38
	Summative	3000-word assignment 50%	32	2 hr unseen examination 50%	43
Radiotherapy Theory & Practice 1	Formative	RT activities e-workbook	17	RT activities e-workbook and mock exam	38
	Summative			2 hr unseen examination 100%	43
					Clinical competency portfolio P/F

YEAR 2		SEMESTER 1		SEMESTER 2	
Patient Care & Resource in Radiotherapy	Formative	Range of on-line and in class activities	18	Range of on-line and in class activities	30
	Summative			3000-word assignment 50%	30
					Oral presentation - 50%
Health promotion and public health in radiotherapy	Formative	Simulation activities e-activities	18		
	Summative	Poster presentation 100%	25		
Radiotherapy Theory & Practice 2	Formative	Range of on-line and in class activities	17	Range of on-line and in class activities	30
	Summative	Plan evaluation 50%	30	Multi-modal clinical judgement assessment 50%	43
					Clinical competency portfolio P/F
Service improvement in radiotherapy	Formative			Service improvement outline 500-word submission	40
	Summative			3000-word assignment 100%	48
Image guided radiotherapy	Formative	Critical writing 1000-word submission	18		
	Summative	3000-word assignment 100%	25		

I. Timetable information

Students can expect to receive a confirmed timetable for study commitments once they have enrolled onto the programme. During academic teaching blocks Wednesday have been identified as self-directed study days to enable students to participate in sporting/cultural activities to enhance their wellbeing and mindfulness. There may be circumstances when mandatory training sessions are scheduled during allocated study days.

All United Kingdom Bank holidays are upheld within the timetable.

Week	PgDip/MSc Year 1	PgDip/MSc Year 2
8	INDUCTION	ACADEMIC
9	ACADEMIC	ACADEMIC
10	ACADEMIC	CLINICAL
11	ACADEMIC	CLINICAL
12	ACADEMIC	CLINICAL
13	ACADEMIC	CLINICAL
14	ACADEMIC	CLINICAL
15	STUDY	CLINICAL
16	STUDY	ACADEMIC
17	ACADEMIC	ACADEMIC
18	ACADEMIC	ACADEMIC
19	CLINICAL	ACADEMIC
20	CLINICAL	ACADEMIC
21	CLINICAL	ACADEMIC
22	Hol	Hol
23	B/H	B/H
24	B/H	Hol
25	CLINICAL	CLINICAL
26	CLINICAL	CLINICAL
27	ACADEMIC	ACADEMIC
28	ACADEMIC	ACADEMIC
29	ACADEMIC	ACADEMIC
30	ACADEMIC	ACADEMIC
31	ACADEMIC	ACADEMIC
32	ACADEMIC	ACADEMIC
33	CLINICAL	ACADEMIC
34	CLINICAL	ACADEMIC
35	CLINICAL	Hol
36	CLINICAL	Hol
37	CLINICAL	Hol
38	B/H	B/H
39	ACADEMIC	CLINICAL
40	ACADEMIC	CLINICAL
41	ACADEMIC	ACADEMIC
42	REVISION	REVISION
43	ASSESS	ASSESS
44	Hol	CLINICAL
45	Hol	CLINICAL
46	Hol	CLINICAL
47	Hol	CLINICAL
48	Hol	CLINICAL
49	CLINICAL	CLINICAL
50	CLINICAL	CLINICAL

51	CLINICAL/RESIT	CLINICAL/RESIT
52	CLINICAL	ELECTIVE
1	CLINICAL	ELECTIVE
2	CLINICAL	ELECTIVE
3	CLINICAL	Hol
4	CLINICAL/RESIT	Hol / RESIT
5	CLINICAL	Hol
6	CLINICAL	Hol
7	CLINICAL	Hol

J. Costs and financial support

Course related costs

The learning and resource centre strives to provide maximum availability of core learning material via e-library therefore access to WiFi is imperative.

Clinical placements are varied in geographical location and availability, students should be aware that there will be travel and potentially accommodation costs associated with clinical placement attendance.

Uniforms and radiation badges are provided by the university. However, it is the responsibility of the student to provide and wear suitable footwear for placement.

Tuition fees/financial support/accommodation and living costs

- Information on tuition fees/financial support can be found by clicking on the following link - <http://www.lsbu.ac.uk/courses/undergraduate/fees-and-funding> or
- <http://www.lsbu.ac.uk/courses/postgraduate/fees-and-funding>
- Information on living costs and accommodation can be found by clicking the following link- <https://my.lsbu.ac.uk/my/portal/Student-Life-Centre/International-Students/Starting-at-LSBU/#expenses>

List of Appendices

- Appendix A: Curriculum Map
- Appendix B: Personal Development Planning (postgraduate courses)
- Appendix C: Terminology

Appendix A: Curriculum Map

	Radiation science & Technology	Applied Biological sciences	Radiotherapy Theory & Practice 1	Patient Care & Resource Management	Radiotherapy Theory & Practice 2	Health promotion and public health in radiotherapy	Image guided radiotherapy	Service improvement in radiotherapy
A. Knowledge and understanding								
A1	D		TDA	D	DA			
A2		TDA		TDA	TDA	TDA		
A3		T	TDA		DA			
A4		TDA	TDA		TDA			
A5		TDA	TDA		TDA			
A6		TDA	TDA		DA			
A7		TDA	TDA		DA			
A8	TD	TDA	DA		DA			
A9	TD	TD	TD		DA			
A10				TDA	TD	TDA	TDA	TDA
A11	TDA		TDA		DA			
A12	TDA		TD		D		D A	
A13					TDA			
A14			TD		TDA	D		
A15	TDA		D		D		D A	D
A16			D		DA			
A17		T		TD	DA			
A18	TD	TD	DA		DA	DA		
A19	T	TD		D	TDA	DA		
A20		T			TDA			
A21			TDA		TDA			
A22			TD	DA	DA	D		
A23	T		TDA	D	TDA	TDA	D	D
A24			T	D	D	DA	D	D
A25			TD	T	D	D	D	D
B Intellectual skills								
B1	TD	TD	TD		TDA	DA	D	D
B2				TDA	TDA	DA		
B3					TDA	DA		
B4					TDA			
B5					TDA	DA		
B6				TDA	D	DA		
B7			TDA		TDA	DA		
B8				D	TDA	TDA	TDA	TDA
B9			TDA		TDA	DA	DA	DA
B10			TD		TDA	DA	DA	DA
B11			TD		TDA	DA	DA	DA
B12					TDA	D		

	Radiation science & Technology	Applied Biological sciences	Radiotherapy Theory & Practice 1	Patient Care & Resource Management	Radiotherapy Theory & Practice 2	Health promotion and public health in radiotherapy	Image guided radiotherapy	Service improvement in radiotherapy
C Practical skills								
C1			TDA		DA			
C2			TDA		TDA			
C3			TDA		DA			
C4			TDA		TDA			
C5			TDA	TD	TDA			
C6			TDA		DA			
C7			TDA		TDA			
C8					TDA			
C9					TDA			
C10					TDA			
C11					TDA			
C12					TDA			
C13			TDA		TDA			
C14			TDA		TDA			
C15			DA		DA			
C16			T		DA			
C17			T		DA	D	D	D
C18					DA		D	D
D Transferable skills								
D1			TDA	TDA	DA	DA	DA	DA
D2			TDA	D	TDA			
D3			TDA		TDA	DA	DA	DA
D4	TDA	TD	D	D	DA	DA	DA	DA
D5				D	TDA	D	D	D
D6			TDA		DA	DA	DA	DA
D7			TDA		TDA	DA	DA	DA
D8			D	DA	DA	DA	DA	DA
D9			TD		TDA			
D10			TDA		TDA			
D11			DA		DA			
D12			TDA		DA			

Appendix C: Personal Development Planning

Personal Development Planning (PDP) is a structured process by which an individual reflects upon their own learning, performance and/or achievement and identifies ways in which they might improve themselves academically and more broadly. Course teams are asked to indicate where/how in the course/across the modules this process is supported.

Approach to PDP	Level 7
1 Supporting the development and recognition of skills through the personal tutor system.	Students are signposted to the university Health and Wellbeing service for support in a variety of circumstances. Academic staff are available to support students throughout their pre-registration training and students are encouraged to seek support through the appropriate channels.
2 Supporting the development and recognition of skills in academic modules/modules.	Critical evaluate and writing skills are provided through the Learning and Resource Centre, these sessions are embedded within the core teaching and assessment to enable students to excel.
3 Supporting the development and recognition of skills through purpose designed modules/modules.	Radiography is a practice based profession; therefore students are provided with the opportunity to develop these skills as a fundamental component of their training.
4 Supporting the development and recognition of skills through research projects and dissertations work.	There is an expectation that students have already completed undergraduate research skills, therefore research is utilised throughout the teaching to inform evidence based practice.
5 Supporting the development and recognition of career management skills.	As a pre-registration degree the final year clinical module assessment enables the students to practice key skills often utilised within an interview setting. The clinical competencies reflect the Standards of Proficiency of a Radiographer, therefore allowing successful students to apply to join the Health and Care Professions Council.
6 Supporting the development and recognition of career management skills through work placements or work experience.	Academic and clinical blocks are structured to enable effective theory practice links to be established, the proportion of clinical to academic increasing each year. Practice placement in the first year begins in the first semester to enable orientation and familiarisation of the student to the clinical environment, with the remainder of the practice occurring across the whole year. The integration and application of academic knowledge in the practice setting is developed through the three Radiotherapy Practice modules and is fundamental to the therapeutic radiographer's role. Elective placement opportunities are actively promoted and students are encouraged to negotiate and attend these placements during their final year of study.
7 Supporting the development of skills by recognising that they can be developed through extra curricula activities.	Students are encouraged to participate in clinical audit within their clinical departments. The annual student conference by the Society and College of Radiographers is actively promoted within the programme.
8 Supporting the development of the skills and attitudes as a basis for continuing professional development.	Students are required to achieve success in a clinical competency portfolio for each year of study. This clinical portfolio reflects the Standard of Proficiency of Radiographers published by the Health and Care Council. The clinical portfolio includes several sections including elements on professional behaviour, mandatory training, clinical competence and reflective

	practice. Quality standard and quality assurance are core elements within the pre-registration programme educating students of the importance and implications of quality management within clinical practice.
9 Other approaches to personal development planning.	Publication of pre-registration academic work and other tools of recognition are actively encouraged within the training programme.
10 The means by which self-reflection, evaluation and planned development is supported e.g. electronic or paper-based learning log or diary.	Paper-based clinical portfolio is utilised as a record of achievement.

Appendix C: Terminology

[Please provide a selection of definitions according to your own course and context to help prospective students who may not be familiar with terms used in higher education. Some examples are listed below]

awarding body	a UK higher education provider (typically a university) with the power to award higher education qualifications such as degrees
bursary	a financial award made to students to support their studies; sometimes used interchangeably with 'scholarship'
collaborative provision	a formal arrangement between a degree-awarding body and a partner organisation, allowing for the latter to provide higher education on behalf of the former
compulsory module	a module that students are required to take
contact hours	the time allocated to direct contact between a student and a member of staff through, for example, timetabled lectures, seminars and tutorials
coursework	student work that contributes towards the final result but is not assessed by written examination
current students	students enrolled on a course who have not yet completed their studies or been awarded their qualification
delivery organisation	an organisation that delivers learning opportunities on behalf of a degree-awarding body
distance-learning course	a course of study that does not involve face-to-face contact between students and tutors
extracurricular	activities undertaken by students outside their studies
feedback (on assessment)	advice to students following their completion of a piece of assessed or examined work
formative assessment	a type of assessment designed to help students learn more effectively, to progress in their studies and to prepare for summative assessment; formative assessment does not contribute to the final mark, grade or class of degree awarded to students

higher education provider	organisations that deliver higher education
independent learning	learning that occurs outside the classroom that might include preparation for scheduled sessions, follow-up work, wider reading or practice, completion of assessment tasks, or revision
intensity of study	the time taken to complete a part-time course compared to the equivalent full-time version: for example, half-time study would equate to 0.5 intensity of study
lecture	a presentation or talk on a particular topic; in general lectures involve larger groups of students than seminars and tutorials
learning zone	a flexible student space that supports independent and social learning
material information	information students need to make an informed decision, such as about what and where to study
mode of study	different ways of studying, such as full-time, part-time, e-learning or work-based learning
modular course	a course delivered using modules
module	a self-contained, formally structured unit of study, with a coherent and explicit set of learning outcomes and assessment criteria; some providers use the word 'course' or 'course unit' to refer to individual modules
national teaching fellowship	a national award for individuals who have made an outstanding impact on student learning and the teaching profession
navigability (of websites)	the ease with which users can obtain the information they require from a website
optional module	a module or course unit that students choose to take
performance (examinations)	a type of examination used in performance-based subjects such as drama and music
professional body	an organisation that oversees the activities of a particular profession and represents the interests of its members
prospective student	those applying or considering applying for any programme, at any level and employing any mode of study, with a higher education provider

regulated course	a course that is regulated by a regulatory body
regulatory body	an organisation recognised by government as being responsible for the regulation or approval of a particular range of issues and activities
scholarship	a type of bursary that recognises academic achievement and potential, and which is sometimes used interchangeably with 'bursary'
semester	either of the parts of an academic year that is divided into two for purposes of teaching and assessment (in contrast to division into terms)
seminar	seminars generally involve smaller numbers than lectures and enable students to engage in discussion of a particular topic and/or to explore it in more detail than might be covered in a lecture
summative assessment	formal assessment of students' work, contributing to the final result
term	any of the parts of an academic year that is divided into three or more for purposes of teaching and assessment (in contrast to division into semesters)
total study time	the total time required to study a module, unit or course, including all class contact, independent learning, revision and assessment
tutorial	one-to-one or small group supervision, feedback or detailed discussion on a particular topic or project
work/study placement	a planned period of experience outside the institution (for example, in a workplace or at another higher education institution) to help students develop particular skills, knowledge or understanding as part of their course
workload	see 'total study time'
written examination	a question or set of questions relating to a particular area of study to which candidates write answers usually (but not always) under timed conditions