



Module Specification

Progressive Radiotherapy and Oncology Studies

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Part 1: Information

Module title: Progressive Radiotherapy and Oncology Studies

Module code: UZYSYN-30-3

Level: Level 6

For implementation from: 2023-24

UWE credit rating: 30

ECTS credit rating: 15

Faculty: Faculty of Health & Applied Sciences

Department: HAS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: Intermediate Radiotherapy and Oncology Studies 2023-24

Excluded combinations: Advanced Radiotherapy Studies 2023-24

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: Not applicable

Features: Not applicable

Educational aims: See Learning Outcomes.

Outline syllabus: Evaluating current and innovative radiotherapy techniques, e.g proton therapy; the need for future-proofing cancer services.

Minimising radiation morbidity, survivorship: Strategies for improving accuracy and delivery of radiotherapy.

Ethical and legal responsibilities of a radiotherapy radiographer, importance of compassionate care; whistle blowing and clinical governance.

Evaluation of relevant clinical trials and protocols. The role of research in advancing practice.

Management of diverse patient groups/ service users who require specialised or emergency care, e.g. paediatrics and metastatic spinal cord compression cases.

Developing patient assessment skills: co-morbidities, relevant pharmacology for cancer care; decision- making and leadership skills.

Role of supportive therapy for patients with cancer, including complementary therapies.

Role of therapeutic radiographers in the context of a multidisciplinary team approach to the holistic care of patients with cancer.

Reflecting on professional self-development and own perceived future development needs.

Moving towards continuous professional development. Role extensions, advanced practice and consultancy.

Part 3: Teaching and learning methods

Teaching and learning methods: Scheduled learning includes lectures, seminars, tutorials, practical classes such as use of VERT and radiotherapy computer planning sessions.

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc. Students will be expected to engage via Blackboard and student will be expected to spend 228 notional hours on these activities. Links will be made with underpinning previous practice experience and experience gained in the co-requisite module Radiotherapy Professional Practice 3.

Students will engage in approximately 72 hours of contact time including key note lectures and practical sessions in small groups on the VERT system and radiotherapy planning computers (max 7-8 students per group). Students are expected to do additional self study within their own time. In addition, email contact with staff is available throughout the module and during scheduled tutorial time.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Critically evaluate the evidence which informs and guides contemporary radiotherapy practice

MO2 Discuss how policy in the field of cancer services has implications for radiotherapy practice

MO3 Discuss innovative radiotherapy techniques which may impact upon current and future cancer management

MO4 Evaluate cancer treatment strategies and protocols with respect to toxicity and survivorship

MO5 Critically evaluate and reflect on own personal and professional development in meeting the professional benchmarks for qualification and registration

Hours to be allocated: 300

Contact hours:

Independent study/self-guided study = 228 hours

Face-to-face learning = 72 hours

Total = 300

Reading list: The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://uwe.rl.talis.com/modules/uzysyn-30-3.html) via the following link <https://uwe.rl.talis.com/modules/uzysyn-30-3.html>

Part 4: Assessment

Assessment strategy: Assessment Task 1: 20 minutes Oral presentation.

A reflection on personal and professional development in readiness for employment- to include 15 mins (max) presentation and 5 mins of critical questioning. Students will be marked using an approved marking framework that will allow distinction between bandings. (Presentations will have been introduced at each level of the programme and so students will have had the opportunity to have practised and had feedback. Students will also be directed to PALS presentation skills sessions and relevant web links).

Assessment Task 2: 2500 Written assignment

Allowing some flexibility in choice of topic area but focusing on ethical principles. Investigation of movement towards tailor-made therapy meeting the needs of the service user. Students will undertake critical evaluation of current policy, service improvement and innovation in the field of radiotherapy. (Formative feedback on a section of writing will be given post critical writing session).

Assessment tasks:

Presentation (First Sit)

Description: 20 minute presentation with critical questioning

Weighting: 40 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment (First Sit)

Description: 2500 word written assignment

Weighting: 60 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5

Presentation (Resit)

Description: 20 minute presentation with critical questioning

Weighting: 40 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4

Written Assignment (Resit)

Description: 2500 word written assignment

Weighting: 60 %

Final assessment: No

Group work: No

Learning outcomes tested: MO5

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Radiotherapy and Oncology [Sep][FT][Glenside][3yrs] - Withdrawn BSc (Hons) 2021-22