University of the West of England
BRISTOL

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data						
Module Title	Radiotherapy and Oncology Practice					
Module Code	UZYSWR-15-M		Level	M	Version	1
Owning Faculty	Faculty of Health and Applied Sciences		Field	Allied Health Professions		
Contributes towards	MSc Radiotherapy and Oncology					
UWE Credit Rating	15	ECTS Credit Rating	7.5	Module Type	Professional Practice	
Pre-requisites	None		Co- requisites	None		
Excluded Combinations	UZYSGH-20-3		Module Entry requirements	None		
Valid From	January 2016		Valid to	January 2021		

CAP Approval Date	6 October 2015

Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: 1. Demonstrate an understanding of current radiation protection regulations and site protocols regarding cross-infection, manual handling, general health and safety and basic life support (Component A) 2. Apply the principles of oncology and radiotherapy practice to deliver external beam radiotherapy in a range of anatomical sites safely and accurately (Component A) 3. Perform absorbed dose calculations for a range of simple treatment techniques in accordance with department protocols (Component A) 4. Demonstrate personal responsibility by adhering to the relevant Professional Code of Conduct and Ethics and Standards of Proficiency (Component A) 5. Apply effective communication skills in the radiotherapy setting (Component A) 6. Critically evaluate clinical practice and demonstrate clinical reasoning in the radiotherapy setting (Component A) 7. Observe routine assessments of service users health and wellbeing including side effect management during their course of treatment (Component A)
Syllabus Outline	• Treatment intent in relation to Radiotherapy Practice • Radiotherapy treatment and applications • Multimodality approaches to cancer treatment • Pre-treatment work up • Radiobiology • The radiotherapy radiographer and interprofessional working

	• Communication skills • Professional and personal development • Patient care • Radiation protection • Health and Safety in the workplace • Code of Conduct and Ethics
Contact Hours	**Prior to placement** • A clinical documentation session will be conducted prior to placement and will include Professional Code of Conduct. Mandatory sessions will be delivered for clinical skills sessions (e.g. Basic Life Support and Manual Handling). • Students are provided with opportunities to develop and demonstrate clinical skills in simulation, prior to applying them in practice placement. • Students will be informed prior to placement if they are required to go for a period of time during the placement to another clinical site. This is to ensure they gain the breadth of experience needed for assessment of competency. **During Placement** • Students will engage in a 14 week clinical practice placement at a designated Radiotherapy department within the Southwest region. This will include one half days study per week (3.75 hours per half day). The total working week will be equivalent to 37.5 hours and students will work to fit into the local working pattern which may be shift work or Monday to Friday. This is approximately 472.5 hours of clinical placement experience. • Whilst on placement there are support visits by a link liaison lecturer. • Students are expected to attend a desirable minimum of 90% of clinical practice time and an absolute minimum of 80% of clinical practice time as stipulated by The Society and College of Radiographers in order to meet professional requirements satisfactorily. https://www.sor.org/learning/document-library/student-radiographer-attendance-management-guidelines/student-radiographer-attendance-management (members only access). • Students work under direct clinical supervision and will be provided with support from practice educators and clinical staff throughout their placement. Regular support meetings are held throughout placement with the practice educators.
Teaching and Learning Methods	• **Scheduled learning** may include tutorials, VERT, radiotherapy planning computers during clinical placement • **Independent learning** includes hours engaged with essential reading, revision and maintaining a portfolio • **Placement learning**: includes placement within the Radiotherapy department (please see placement documentation) undertaking approximately 472.5 hours clinical time. Clinical competencies are assessed by qualified Practice Educators within a Radiotherapy department.
Key Information Sets Information	Key Information Sets (KIS) are produced at programme level for all programmes that this module contributes to, which is a requirement set by HESA/HEFCE. KIS are comparable sets of standardised information about undergraduate courses allowing prospective students to compare and contrast between programmes they are interested in applying for.

Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
300	15	52.5	472.5	540

The table below indicates as a percentage the total assessment of the module which constitutes a –

Coursework:, portfolio

Please note that this is the total of various types of assessment and will not necessarily reflect the component and module weightings in the Assessment section of this module description:

Total assessment of the module:	
Written exam assessment percentage	0%
Portfolio assessment percentage	100%
Practical exam assessment percentage	0%
	100%

Reading Strategy

The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms.

Core readings

Any essential reading will be indicated clearly, along with the method for accessing it, e.g. students may be expected to purchase a set text, be given a study pack or be referred to texts that are available electronically, or in the Library. Module guides will also reflect the range of reading to be carried out.

Further readings

All students are encouraged to read widely using the library catalogue, and Internet resources. Many resources can be accessed remotely. Guidance to some key authors and journal titles available through the Library will be given in the Module Guide and updated annually.

Access and skills

Formal opportunities for students to develop their library and information skills are provided within the induction period. Additional support is available through the Library Services web pages, including interactive tutorials on finding books and journals, evaluating information and referencing. Sign-up workshops are also offered by the Library.

Indicative reading list

The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. *Current* advice on additional reading will be available via the

	module guide or Blackboard pages.
Indicative Reading List	The following list is offered to provide validation panels/accrediting bodies with an indication of the type and level of information students may be expected to consult. As such, its currency may wane during the life span of the module specification. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms. Bicquart Ord, C., Hansen, E.K. and Thomas, C.R. (2013) *Radiation oncology study guide*. [online] New York:.Springer, [Accessed 13 November 2014]. Hoskin, P.J. (2012), *Radiotherapy in practice: external beam therapy*.2nd ed. [online] Oxford: Oxford University Press.[Accessed 13 November 2014]. Sibtain, A., Morgan, A. and MacDougall, N. (2012) *Radiotherapy in practice: physics for clinical oncology*. [online] Oxford: Oxford University Press..[Accessed 13 November 2014]. Symonds, P. and Walter, J. (2012) *Walter and Miller's textbook of radiotherapy: radiation physics, therapy and oncology*. [online] Edinburgh:.Elsevier Churchill Livingstone. [Accessed 13 November 2014].

Part 3: Assessment	
Assessment Strategy	Component A: To consist of a portfolio of critically evaluative case studies and prescribed clinical competencies based on the Society and College of Radiographers (SCOR) Education Framework and Health and Care Professions Council (HCPC) Standards of Proficiency for Radiographers. The critically evaluative case studies are undertaken as identified in the practice assessment document. Rationale: An opportunity for the student to demonstrate clinical competence in line with the requirements of the SCOR Education Framework and HCPC Standards of Proficiency for Radiographers, through formative and summative assessment. The portfolio is assessed in practice and marked as pass / fail as students need to meet a minimum requirement to practice safely at this level. The academic team will mark the critically evaluative case studies. Case studies will be based on clinical reasoning and a critical evaluation of techniques and technologies used in practice. There is opportunity for students to receive formative feedback throughout the placement.

Identify final assessment component and element	**Component A**	
% weighting between components A and B (Standard modules only)	**A:**	**B**:
First Sit		
Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**	

1.Clinical Portfolio	Pass/fail
Component B **Description of each element**	**Element weighting** **(as % of component)**
1.	

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) **Description of each element**	**Element weighting** **(as % of component)**
1 Clinical Portfolio	Pass/fail
Component B **Description of each element**	**Element weighting** **(as % of component)**
1.	
If a student is permitted an **EXCEPTIONAL RETAKE** of the module the assessment will be that indicated by the Module Description at the time that retake commences.	