



**ACADEMIC SERVICES**

**MODULE SPECIFICATION**

Part 1: Basic Data					
Module Title	Radiotherapy Professional Practice 3				
Module Code	UZYSYP-30-3	Level	3	Version	1
Owning Faculty	Faculty of Health and Applied Sciences	Field	Allied Health Professions		
Contributes towards	BSc (Hons) Radiotherapy and Oncology				
UWE Credit Rating	30	ECTS Credit Rating	15	Module Type	Professional Practice
Pre-requisites	UZYSYK-30-2 Radiotherapy Professional Practice 2	Co- requisites	UZYSYN-30-3 Progressive Radiotherapy and Oncology Studies		
Excluded Combinations	UZYRKF-40-3 Advanced Radiotherapy Studies	Module Entry requirements	N/A		
Valid From	September 2015	Valid to	September 2021		

<b>CAP Approval Date</b>	30 April 2015
--------------------------	---------------

Part 2: Learning and Teaching	
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> <li>• Apply a comprehensive understanding of current radiation protection regulations, radiobiological principles, and site protocols regarding cross-infection, manual handling, general health and safety and basic life support in line with local and national guidelines. (Component A, component B)</li> <li>• Critically evaluate and apply the principles of oncology and radiotherapy practice to deliver current and emerging radiation treatment strategies accurately and safely. (Component A, component B)</li> <li>• Undertake and critically evaluate a range of pre-treatment and treatment verification procedures within radiotherapy (Component A, Component B)</li> <li>• Demonstrate personal responsibility in fulfilling the standards of behaviour as expressed in the relevant Professional Code of Conduct and Ethics in preparation for working as a practitioner.(Component A)</li> <li>• Apply effective communication strategies with service users and carers within the health and social care community (Component A, Component B)</li> <li>• Undertake routine assessments of service users health and wellbeing including side effect management during their course of treatment (Component A, Component B).</li> <li>• Explore a range of leadership and management strategies applicable to radiotherapy practice (Component A, Component B).</li> <li>• Demonstrate comprehensive analysis of evidenced based practice within a portfolio of learning (Component A, Component B).</li> </ul>
Syllabus Outline	<ul style="list-style-type: none"> <li>• Multimodality treatment strategies and future technological advances in</li> </ul>

	<p>relation to radiotherapy practice</p> <ul style="list-style-type: none"> <li>• Pre-treatment work up</li> <li>• Verification procedures including treatment imaging and interpretation</li> <li>• Application of external beam dosimetry</li> <li>• Radiobiological principles- analysis and application to practice</li> <li>• The advanced role of the therapeutic radiographer as part of the wider healthcare team including leadership and management strategies.</li> <li>• Communication strategies and effective assessment skills in relation to service users and their potential complex needs.</li> <li>• Professional and personal development, including peer support mechanisms.</li> <li>• Radiation protection and key professional and government policies including, Health and Safety and quality assurance in the workplace, Code of Conduct and Ethics, Standards of Proficiency.</li> </ul> <p>The values of the NHS Constitution are implicit within this module.</p>
Contact Hours	<ul style="list-style-type: none"> <li>• Prior to placement there is the delivery of clinical documentation (including Professional code of conduct) and clinical skills sessions (e.g. Basic Life Support and Manual Handling). Whilst on placement there are support visits by a link liaison lecturer.</li> <li>• 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 (excluding bank holiday weeks). The total working week will be equivalent to 37.5 hours which is approximately 472.5 hours in total.</li> <li>• Students are provided with opportunities to develop and demonstrate clinical skills in simulation, prior to applying them in practice placement.</li> <li>• Students work under direct clinical supervision and will be provided with support from practice educators and clinical staff throughout their clinical placement. Regular support meetings are held throughout placement with the practice educators.</li> </ul> <p>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. <a href="https://www.sor.org/learning/document-library/student-radiographer-attendance-management-guidelines/student-radiographer-attendance-management">https://www.sor.org/learning/document-library/student-radiographer-attendance-management-guidelines/student-radiographer-attendance-management</a></p>
Teaching and Learning Methods	<ul style="list-style-type: none"> <li>• <b>Scheduled learning</b> includes tutorials, work based learning, VERT, planning computers.</li> <li>• <b>Independent learning</b> includes hours engaged with essential reading, revision and maintaining a portfolio</li> <li>• <b>Placement learning:</b> includes placement within the Radiotherapy department.</li> </ul>
Key Information Sets Information	<p>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.</p>

Key Information Set - Module data				
Number of credits for this module				30
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

Please note that the placement hours may vary due to Bank Holidays.

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

**Coursework:** portfolio,  
**Practical Exam:** Oral Assessment

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%
Coursework assessment percentage	50%
Practical exam assessment percentage	50%
	100%

#### Reading Strategy

##### Core reading

It is essential that students read one of the many texts on research methods available through the Library. Module handbooks will also reflect the range of reading to be carried out.

##### Further reading

Students are expected to identify all other reading relevant to their chosen research topic for themselves. They will be encouraged to read widely using the library search, a variety of bibliographic and full-text databases, and Internet resources. Many resources can be accessed remotely.

##### Access and skills

The development of literature searching skills is supported by a Library seminar provided within the first semester. These level three skills will build upon skills gained by the student whilst studying at levels one and two. Additional support is available through the library 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. However, as indicated above, CURRENT advice on readings will be available via other more frequently updated mechanisms.

	<p>Bicquart Ord, C., Hansen, E.K. and Thomas, C.R. (2013) <i>Radiation oncology study guide</i>. [online] New York: Springer, [Accessed 13 November 2014].</p> <p>Hoskin, P.J. (2012), <i>Radiotherapy in practice: external beam therapy</i>. 2<sup>nd</sup> ed. [online] Oxford: Oxford University Press. [Accessed 13 November 2014].</p> <p>Sibtain, A., Morgan, A. and MacDougall, N. (2012) <i>Radiotherapy in practice: physics for clinical oncology</i>. [online] Oxford: Oxford University Press. [Accessed 13 November 2014].</p> <p>Symonds, P., Deehan, C., Meredith, M., and Mills, J. (2012) <i>Walter and Miller's Textbook of Radiotherapy</i> [online] London: Churchill Livingstone. [Accessed 15 September 2014]</p>
--	--

<b>Part 3: Assessment</b>	
<b>Assessment Strategy</b>	<p>Component A: To consist of a portfolio of prescribed competencies (pass/fail) and case studies as identified in a practice assessment document.</p> <p>An opportunity for the student to demonstrate clinical competence 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 oversee and moderate the marking of the portfolio. There is opportunity for students to demonstrate progression of competencies (where appropriate) and receive formative feedback throughout the placement.</p> <p>Component B: 20 minute presentation with supporting evidence to evaluate clinical case studies. Rationale: An opportunity for the student to evaluate how theoretical knowledge supports clinical practice and to demonstrate an in depth knowledge of key practice areas for this level in relation to the clinical case studies undertaken. Particular emphasis on management and leadership will form a key theme. A presentation will help prepare the student for future presentations, (including other level 3 module assessments) and interview technique.</p>

Identify final assessment component and element	<b>Component A</b>	
	<b>A:</b>	<b>B:</b>
<b>% weighting between components A and B</b> (Standard modules only)		
<b>First Sit</b>		
<b>Component A</b> (controlled conditions) <b>Description of each element</b>	<b>Element weighting</b>	
1. Clinical Portfolio	Pass/Fail	
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b>	
1. 20 minute presentation with supporting evidence	100%	

<b>Resit (further attendance at taught classes is not required)</b>	
Component A (controlled conditions) Description of each element	Element weighting

1. Clinical Portfolio	Pass/Fail
<b>Component B</b> <b>Description of each element</b>	<b>Element weighting</b>
1. 20 minute presentation with supporting evidence	100%
<p>If a student is permitted an <b>EXCEPTIONAL RETAKE</b> of the module the assessment will be that indicated by the Module Description at the time that retake commences.</p>	