



ACADEMIC SERVICES

MODULE SPECIFICATION

| Part 1: Basic Data | | | | | |
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| Module Title | Radiotherapy Professional Practice 2 | | | | |
| Module Code | UZYSYK-30-2 | Level | 2 | 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 | UZYSYG-30-1 Radiotherapy professional Practice 1 | Co- requisites | UZYSYL-30-2 Intermediate Radiotherapy and Oncology Studies UZYS1X-15-2 Radiotherapy Planning and Dosimetry | | |
| Excluded Combinations | UZY SDN -20-2 Radiotherapy Practice 2 | Module Entry requirements | None | | |
| Valid From | Sept 2015 | Valid to | September 2021 | | |

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| CAP Approval Date | 30 April 2015 |
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| Part 2: Learning and Teaching | |
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| Learning Outcomes | <p>On successful completion of this module students will be able to:</p> <ul style="list-style-type: none"> Apply current radiation protection regulations, radiobiological principles, and site protocols regarding cross-infection, manual handling, general health and safety and basic life support (Component A, Component B) Apply the principles of oncology and radiotherapy practice to deliver a range of radiation treatment strategies for standard and complex treatment sites accurately and safely. (Component A, Component B) Demonstrate an understanding of pre-treatment and treatment verification procedures within radiotherapy (Component A, Component B) Demonstrate personal responsibility by adhering to the relevant Professional Code of Conduct and Ethics and Standards of Proficiency (Component A) Demonstrate effective communication skills regarding the diversity of service users needs within the inter-professional healthcare environment (Component A, Component B) Assist with routine assessments of service users health and wellbeing including side effect management during their course of treatment (Component A, Component B). Demonstrate evidenced based practice and continue to develop a portfolio of learning (component A, Component B). |
| Syllabus Outline | <ul style="list-style-type: none"> Multimodality treatment strategies in relation to radiotherapy practice |

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| | <ul style="list-style-type: none"> • Pre-treatment work up • Verification procedures including treatment imaging • Application of external beam dosimetry • Radiobiological principles- application to practice • The radiotherapy radiographer as part of the wider healthcare team • Communication skills • Professional and personal development • Management of diverse patient groups • Radiation protection • Health and Safety and quality assurance in the workplace • Professional Code of Conduct and Ethics <p>The values of the NHS Constitution are implicit within this module.</p> |
| Contact Hours | <ul style="list-style-type: none"> • 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. • 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. This is approximately 472.5 hours (excluding seasonal variations that occur due to the timing of Easter). • Students are provided with opportunities to develop and demonstrate clinical skills in simulation, prior to applying them in practice placement. • 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. <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. https://www.sor.org/learning/document-library/student-radiographer-attendance-management-guidelines/student-radiographer-attendance-management (members only access).</p> |
| Teaching and Learning Methods | <ul style="list-style-type: none"> • Scheduled learning includes tutorials, work based learning, VERT, planning computers. • Independent learning includes hours engaged with essential reading, revision and maintaining a portfolio • Placement learning: includes placement within the Radiotherapy department. |
| 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 |

NB: Please note that the placement hours may vary due to Bank Holidays. Half day study will not occur in the weeks with 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 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, a variety of bibliographic and full text databases 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.

Bicquart Ord, C., Hansen, E.K. and Thomas, C.R. (2013) *Radiation oncology study*

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|--|--|
| | <p><i>guide</i>. [online] New York:Springer, [Accessed 13 November 2014].</p> <p>Hoskin, P.J. (2012), <i>Radiotherapy in practice: external beam therapy</i>.2nd 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. and Walter, J. (2012) <i>Walter and Miller's textbook of radiotherapy: radiation physics, therapy and oncology</i>. [online] Edinburgh:Elsevier Churchill Livingstone. [Accessed 13 November 2014].</p> |
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| Part 3: Assessment | |
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| Assessment Strategy | <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 in relation to the clinical case studies undertaken. A presentation will help prepare the student for future presentations, (including level 3 module assessments) and interview technique.</p> |

| 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 | |
| 1. Clinical Portfolio | Pass/Fail | |
| Component B Description of each element | Element weighting (as % of component) | |
| 1. 20 minute presentation with supporting evidence | 100% | |

| 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. 20 Minute presentation with supporting evidence | 100% |
| 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. | |