



ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data					
Module Title	Foundations of Respiratory Physiotherapy				
Module Code	UZYSXX-15-1	Level	1	Version	1
UWE Credit Rating	15	ECTS Credit Rating	7.5	WBL module?	No
Owning Faculty	Health and Applied Sciences	Field	Allied Health Professions		
Department	Allied Health Professions	Module Type	Standard		
Contributes towards	BSc (Hons) Physiotherapy				
Pre-requisites	None	Co-requisites	None		
Excluded Combinations	None	Module Entry requirements	N/A		
Valid From	September 2015	Valid to	September 2021		

CAP Approval Date	30 April 2015
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Part 2: Learning and Teaching	
Learning Outcomes	<p>On successful completion of this module students will be able to:</p> <ol style="list-style-type: none"> 1. Describe the anatomy, physiology and histology of the respiratory system and microcirculation (Component A) 2. Relate the pathological changes of respiratory conditions to the clinical features (Component A) 3. Explain the indications and contraindications of specified physiotherapy techniques (Component A and B) 4. Outline the physiotherapeutic management for problems identified (Component A) 5. Interpret selected assessment findings and formulate an outline problem list from case studies (Component A) 6. Plan and choose appropriate physiotherapy techniques for the management of selected case studies (Component A)

	<p>7. Demonstrate and apply safe and effective subjective/objective assessment and treatment skills for people with respiratory disease/dysfunction (Component B)</p> <p>8. Communicate effectively with colleagues in simulated practical situations (Component B)</p> <p>9. Demonstrate a professional approach in simulated practical situations (Component B)</p>
Syllabus Outline	<p>Syllabus Outline: Respiratory Anatomy, Physiology and Pathology Structure of epithelium, and blood structure of lungs and bronchi Control of respiration, ventilation, diffusion and transport of blood gases Tissue fluid formation, oedema, inflammation, and healing Medical respiratory conditions (Asthma, Chronic Obstructive Pulmonary Disease, Bronchiectasis, Cystic Fibrosis) Post-operative abdominal surgery management, Deep Vein Thrombosis, Pneumonia</p> <p>Physiotherapy Examination and Assessment skills for Respiratory assessment including communication</p> <p>Auscultation, observation of breathing pattern, Spirometry, Oximetry and Capnography Chest X rays, Blood pressure monitoring, Temperature Pulse Respiratory measurement and charting</p> <p>Physiotherapy treatment skills: Active Cycle of Breathing, manual clearance techniques, postural drainage, control of breathlessness, post operative management</p> <p>Clinical reasoning for case studies with respiratory problems Breathlessness, Sputum retention, Airway Obstruction, Low Lung volumes</p>
Contact Hours	40 contact hours to include approx. 2 hours of lectures and 3 hours of seminars/practicals per week over 12 weeks.
Teaching and Learning Methods	<ul style="list-style-type: none"> • Lectures provide an introduction and summary of the topic area. Seminars include problem solving, case studies and discussions and use workbooks to support learning. Practical involve skills teaching and practice, simulations and equipment workshops. • Additionally, students are expected to engage in 90 hours self study using the resources and structure in the workbook and blackboard. Preparation time is focused on essential reading, supplemented by case study preparation and self assessment exercises from the workbook. A major part of their study time is taken up by exam preparation, including sample question and practical skills practice. <p>Scheduled learning includes lectures, seminars, tutorials, demonstration,</p>

practical classes and workshops; supervised time in studio/workshop.

Independent learning includes hours engaged with essential reading, case study preparation, assignment preparation and completion etc. Students will be provided with a module workbook to guide their independent learning. This accounts for approximately 90 hours.

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.

Key Information Set - Module data				
<i>Number of credits for this module</i>				15
Hours to be allocated	Scheduled learning and teaching study hours	Independent study hours	Placement study hours	Allocated Hours
150	60	90	0	150

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

Written Exam: Unseen written exam

Practical Exam: Practical skills assessment, practical exam

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	50%
Coursework assessment percentage	0%
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

Further reading is advisable for this module, and students will be encouraged to explore at least one of the titles held in the library on this topic. A current list of such titles will be given in the module guide and reviewed regularly

	<p>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.</p> <p>Students will have a library induction in Semester 1 to learn how to retrieve further readings to support their study.</p>
Indicative Reading List	<p>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> <p>Broad, M.A. (2012) <i>Cardiorespiratory Assessment of the Adult Patient</i>. [Online] London: Churchill Livingstone. [Accessed 14 November 2014].</p> <p>Pryor, J. and Prasad, A. (2008) <i>Physiotherapy for Respiratory and Cardiac Problems</i>. [Online] London: Churchill Livingstone. [Accessed 14 November 2014].</p>

Part 3: Assessment

Assessment Strategy	<p>Strategy:</p> <ul style="list-style-type: none"> • A written examination will enable comprehensive testing of knowledge and understanding and its application to a range of clinical presentations. It will also test student's understanding of respiratory assessment and ability to recognise and analyse the findings. In addition, it will assess the students understanding of the fundamental concepts of physiotherapy with these patient groups • A practical skills assessment (Structured Oral Practical Exam) will test key practical skills including relevant treatment techniques, safety considerations, patient care, compassion, communication and professionalism. • Sample questions and answers will be available on Blackboard and there are two examination preparation sessions which give students an opportunity to develop and evaluate both their exam writing and practical skills • Marking guidelines for sample questions will be used • Competency criteria will be used for the Structured Oral Practical Exam (SOPE)
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Identify final assessment component and element	Component B	
% weighting between components A and B (Standard modules only)	A:	B:
	100%	Pass/Fail
First Sit		

Component A (controlled conditions) Description of each element	Element weighting
1.Written Exam (2 hours)	100%
Component B Description of each element	Element weighting
1.Structured Oral Practical Examination – 15 minutes	Pass/Fail

Resit (further attendance at taught classes is not required)	
Component A (controlled conditions) Description of each element	Element weighting
1.Written Exam (2 hours)	100%
Component B Description of each element	Element weighting
1. Structured Oral Practical Examination – 15 minutes	Pass/Fail
<p>If a student is permitted a retake of the module under the University Regulations and Procedures, the assessment will be that indicated by the Module Description at the time that retake commences.</p>	