University of the West of England
BRISTOL

CORPORATE AND ACADEMIC SERVICES

MODULE SPECIFICATION

Part 1: Basic Data						
Module Title	Musculoskeletal 2					
Module Code	UZYSY9-30-2		Level	2	Version	1
UWE Credit Rating	30	ECTS Credit Rating	15	Practice module	No	
Owning Faculty	Health and Applied Sciences		Field	Allied Health Professions		
Department	Allied Health Professions		Module Type	Professional Practice		
Contributes towards	BSc (Hons) Physiotherapy					
Pre-requisites	UZYSXY-15-1 Foundations of Musculoskeletal Physiotherapy UZYSXV-30-1 Applied Anatomy for Physiotherapy and Sport rehabilitation UZYSY3-15-1 Foundations of Neuroscience for Physiotherapists		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

Part 2: Learning and Teaching	
Learning Outcomes	On successful completion of this module students will be able to: Practice Placement :- Achieve an acceptable standard for all practice skills -see Practice Outcomes document (Component A)

	1. Demonstrate knowledge and understanding of relevant anatomy, biomechanics, physiology, pathology and psychosocial/cultural factors relevant to musculoskeletal physiotherapeutic practice. (Component B) 2. Demonstrate competent assessment procedures with reference to spinal and a range of musculoskeletal dysfunction including awareness of the multidimensional experience of pain. (Component B) 3. Apply safe, effective, appropriate and varied treatment techniques in the physiotherapeutic management of spinal and other musculoskeletal conditions/dysfunction. (Component B) 4. Demonstrate clinical reasoning along with critical appraisal of evidence in relation to the management of musculoskeletal dysfunction. (Component B) 5. Demonstrate effective communication skills and reflect upon professional practice, and identify areas for further development. (Component B) 6. Comply with relevant policies and practice within the legal and ethical boundaries of the profession, seeking advice or referral to other professionals where appropriate. (Component B)
Syllabus Outline	Knowledge of anatomy and biomechanics relevant to the spine, trunk and pelvis. Application of the clinical reasoning process and development of the underpinning principles of physiotherapy management. Review and develop critical appraisal skills in relation to musculoskeletal physiotherapy practice. Review and develop skills of reflective practice and clinical reasoning in musculoskeletal practice. Integration and development of manual, rehabilitation and electrotherapy skills e.g. (Therapeutic Ultrasound, Pulsed Electromagnetic Energy, (PEME), Transcutaneuos Electrical Nerve Stimulation (TENS) & Interferential Therapy (IFT) in relation to a variety of different case studies. **Further development (from level 1):** Pain theories/models (pain gate, biopsychosocial, neuromatrix) in relation to spinal dysfunction. Physiotherapy examination, management and assessment skills in relation to the spine, trunk and pelvis. Cervical spine dysfunction Thoracic spine syndromes and differentiation with visceral problems and sympathetic nervous system involvement Diagnostic triage in low back pain with identification of red and yellow flags. Pelvic ring dysfunction: Sacro-iliac joint and pubic symphysis Management strategies in relation to spinal dysfunction; soft tissue; joint mobilisation; core stability; exercise protocols and “hands off approach”. Exercise prescription in relation to the spine. Aetiology, clinical features, conditions, podiatric biomechanics and principles of physiotherapeutic assessment and management relating to the hand and foot.

	Rheumatological conditions e.g. Rheumatoid Arthritis, Ankylosing Spondylosis, and Juvenile Chronic Arthritis **Practice** Five weeks of Professional Practice in a variety of environments and health care settings. Setting of individual personal goals relevant to practice and student's individual learning need. The values of the NHS Constitution are implicit within this module.
Contact Hours	Overall up to 90 hours of contact hours over two semesters Semester one: Weekly 2 hours of lectures and 4 hours practical (42 hours) Semester two: Weekly 2 hours of lectures and 4 hours practical (48 hours)
Teaching and Learning Methods	A wide selection of teaching and learning approaches will be used. • Lectures provide an introduction and summary of the topic area. Seminars/group work include discussion and use of information provided to support learning. • Practical sessions focus on physiotherapy techniques with clinical reasoning and problem solving skills being developed, utilising; practical skills training, role play, videos and case studies. • Additionally, students are expected to engage in self-study/ independent learning using the resources available on blackboard. A major part of their study time is taken up by preparation for teaching sessions, assessment and for the placement experience. • Clinical Practice will be 5 weeks of 35 hours **Scheduled learning** includes lectures, seminars, tutorials, demonstration and practical classes. **Independent learning** includes hours engaged with essential reading, case study preparation, assignment preparation and completion. These sessions constitute an average time per level as indicated in the table below. Scheduled sessions may vary slightly depending on the module choices you make. **Practice** Five weeks of Professional Practice in a variety of environments and health care settings. Placement is normally 187.5 hours. Setting of individual personal goals relevant to practice and student's individual learning need.
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.

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	90	210	187	**487**	

This is a professional practice module. Clinical placement hours for a 5 week placement are 187.5; this is in accordance with recommendations by the Chartered Society of Physiotherapy that students complete a minimum of 1000 hours clinical placement.

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 –

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:	
Practical exam	100%
	100%

Reading Strategy	**Core reading** Any core 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 reading** All students are 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. Guidance to some key authors and journal titles available through the Library will be given in the module handbook and updated annually. Assignment reference lists are expected to

	reflect the range of reading carried out. **Access and skills** Students are expected to be able to identify and retrieve appropriate reading. This module offers an opportunity to further develop information skills introduced at Level 1. Students will be given the opportunity to attend sessions on selection of appropriate databases and search skills. 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. *Current* advice on additional reading will be available via the module handbook or Blackboard pages. Brukner, P. and Khan, K. (2009) *Clinical Sports Medicine.* 3rd Ed. London: McGraw Hill Lederman, E. (1997) *Fundamentals of Manual Therapy.* London: Churchill Livingstone. Low, J., Reed, A. and Dyson, M. (2006) *Electrotherapy Explained*: *principles and practice*. 4th Ed. London: Butterworth Heinemann. Hengeveld, E., and Banks, K (2013) *Maitland's Vertebral Manipulation: Management of Neuromusculoskeletal Disorders.* Vol 1.Oxford: Elsevier. Petty, N.J (2013) *Neuromuscular examination and assessment: a handbook for therapists*. 4th ed. London: Churchill Livingstone.

Part 3: Assessment	
Assessment Strategy	Strategy: Practice Placement will be assessed via Continuous Practice Assessment (CPA). The Practice Outcomes document will be used for the practice assessment. While placement is marked as Pass/Fail in level 2 students will be given a formative mark. This feedback will aid future development for Level 3 practice placements which will be graded. Integration of theory and practice is an essential part of this module. These features will be tested during the Objective Structured Clinical Examination (OSCE) practical exam. OSCE's allow for questioning and assessment of the ability to problem solve, implement practical learned skills, clinical reason and efficient use of time management skills. Thereby demonstrating the extent of knowledge and its

	application in practice which is commensurate with a level 2 assessment. **Component A** Continuous Practice Assessment- Pass /Fail. CPA form to be developed within the e-portfolio and completed by the practice educators on the placement experience. **Component B** OSCE (30 mins duration)

Identify final assessment component and element	**Component B**	
% weighting between components A and B (Standard modules only)	**A:**	**B**:
First Sit		
Component A **Description of each element**	**Element weighting**	
Continuous Practice Assessment	Pass/Fail	
Component B **Description of each element**	**Element weighting**	
OSCE - 30 minutes maximum	100%	

Resit (further attendance at taught classes is not required)	
Component A **Description of each element**	**Element weighting**
Continuous Practice Assessment	Pass/Fail
Component B **Description of each element**	**Element weighting**
OSCE - 30 minutes maximum	100%
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.	