

## Module specification

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Module code	PHY411
Module title	Building Physiotherapy Practice 2 and Placement 1
Level	Level 4
Credit value	40
Faculty	Social and Life Sciences
HECoS Code	100252
Cost Code	GAPT

### Programmes in which module to be offered

Programme title	Is the module core or option for this programme
BSc (Hons) Physiotherapy	Core

### Pre-requisites

N/A

### Breakdown of module hours

Learning and teaching hours	80 hrs
Placement tutor support	7 hrs
Supervised learning e.g. practical classes, workshops	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
<b>Total active learning and teaching hours</b>	<b>87 hrs</b>
Placement / work based learning	150 hrs
Guided independent study	200.5 hrs
<b>Module duration (total hours)</b>	<b>437.5 hrs</b>

<b>For office use only</b>	
Initial approval date	3/8/22
With effect from date	Sept 22
Date and details of revision	AM2 approved by APSC Mtg 7, replacing module PHY402 with effect from Sept 22 April 2022 – admin correction to placement hours
Version number	2

## Module aims

This module introduces normal anatomy and physiology with a focus on the cardiorespiratory and neurological systems, building on the skills of physiotherapy assessment, health behaviours and psychology and the wider public health agenda.

## Module Learning Outcomes - at the end of this module, students will be able to:

1	Identify and describe the normal anatomy, physiology, movement patterns and common cardiorespiratory and neurological conditions.
2	Demonstrate and explain safe, appropriate assessment used in the physiotherapy management and rehabilitation for common cardiorespiratory and neurological conditions.
3	Identify key social factors, cultural diversity, values and beliefs and their implications for effective clinical practice in order to identify contemporaneous public health themes and initiatives to improve the health and wellbeing of the population.
4	Describe the scientific basis of physiotherapy in relation to the cardiorespiratory and neurological system's response to injury, disease and recovery.
5	Develop an understanding of professionalism and its meaning within contemporary practice while exploring and developing communication and interpersonal skills across a range of inter-professional contexts.

## Assessment

### Indicative Assessment Tasks:

The students will be provided with a case study in advance. The case study will present a service user that includes a public health element and the wider determinants of health of that service user. Students will present the physiotherapy problems in context of the service user and assessment techniques appropriate to the chosen case study for 20-minute followed with a 10-minute discussion of their choice of assessment and approach.

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook and in the placement handbook.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1-4	Oral Assessment	100%
2	5	Portfolio	Pass/fail

## **Derogations**

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Students are permitted a maximum of two attempts in any module assessment.

All learning outcomes must be passed at a satisfactory descriptor level, therefore a minimum mark of 40% must be achieved.

Placement hours contribute due to the 1000 hours required for HCPC registration upon graduation.

Placements are assessed to a pass, fail or excellent pass. The pass and excellence grades achieve the credits awarded for the module. Failed placement hours do not count towards the 1000 hours required for successful completion of the programme.

Deferral is not permitted during a placement module when there is a likelihood of a refer predicted by both placement educator and university tutor and there is an absence of extenuating circumstances permitted.

## **Learning and Teaching Strategies**

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The delivery of this module will consist of interactive lectures, interactive classroom sessions, tutorials, group and practical sessions based on case studies that reflect a range of settings and service users. Fundamental to learning and teaching strategies will be the guided and self-directed study activities required in preparation for the contact sessions.

A flipped classroom approach will be used to move the learning of essential content such as normal anatomy and dysfunction so that application can be transparently consolidated.

'Anatomege' will be used to facilitate self-directed of anatomy study. Self-directed study opportunities are scheduled throughout the module for practical skill consolidation in practical spaces. Cross-level revision is encouraged.

All learning and teaching is supported by the University's virtual learning environment Moodle and students will be able to access clear and timely information to support delivery of content such as videos, links to intranet information, open forums and pre-recorded lectures.

## **Indicative Syllabus Outline**

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This module will blend normal anatomy, physiology and human science of the cardiorespiratory and neurology systems together with subjective and objective physiotherapy assessment. It will build on the transferable skills of assessment from Building Physiotherapy Practice One.

The module will consider a range of common presentations including stroke, Parkinson's disease, COPD and patients undergoing surgery.

Practical elements of the module will develop the handling skills of students through development of assessment, therapeutic handling and palpation with a focus on the neurological and cardiorespiratory systems, building on those skills acquired in the earlier module.

Placement hours will consolidate these key themes into an understanding of practice and will also identify and introduce the concepts and process involved in planning, prioritising, organising and directing own and others work.

The module will develop an understanding of the physiotherapist's role in leading the improvement of the health and wellbeing of the population. It will consider exercise prescription, goal setting including self-management strategies and motivational interviewing.

Anatomy and physiology of the neurological system  
Anatomy and physiology of the cardiovascular system  
Endocrine system  
Digestive system  
Normal ageing  
Bodies response to exercise  
Obesity – the new normal  
Pharmacology  
Public health initiatives  
Lifestyle choices influencing health  
Implications of factors influencing health on effective clinical practice  
Spirituality in health  
Social and economic factors  
Wellness  
SOAP and POMR

## **Indicative Bibliography:**

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Please note the essential reads and other indicative reading are subject to annual review and update.

### **Essential Reads**

Jones, K. (2011), *Neurological Assessment: A Clinician's Guide*. London: Churchill Livingstone.

Main, E. and Denehy, L. (2016), *Cardiorespiratory Physiotherapy: Adults and Paediatrics*, 5th ed. London: Elsevier.

### **Other indicative reading**

Biddle, S., Mutrie, N. and Gorely, T. (2015), *Psychology of Physical Activity: Determinants, well-being and interventions*, 3rd ed. London: Routledge.

Morrison, V. and Bennett, P. (2016), *Introduction to Health Psychology*, 4th ed. London: Pearson.

Tortora, G. and Grabowski, S. (2014), *Introduction to the human body: the essentials of anatomy & physiology*. 10th ed. New York: Wiley Publications.

Tortora, G. and Grabowski, S. (2014), *Principles of Anatomy & Physiology*. 14th ed. New York: Field Wiley Publications.

Jull, G., Moore, A., Falla, D., Lewis, J., McCarthy, C. & Sterling, M. (2015), *Grieve's Modern Musculoskeletal Physiotherapy*, 4th Ed. Edinburgh: Elsevier.

## **Employability skills – the Glyndŵr Graduate**

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Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

### **Core Attributes**

Engaged  
Enterprising  
Creative  
Ethical

### **Key Attitudes**

Commitment  
Curiosity  
Resilience  
Confidence  
Adaptability

### **Practical Skillsets**

Digital Fluency  
Organisation  
Leadership and Team working  
Critical Thinking  
Emotional Intelligence  
Communication