Module specification

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Module code	PHY507
Module title	Developing Neurological Physiotherapy Practice
Level	Level 5
Credit value	20
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

Building Physiotherapy Practice One and Two are pre-requisites for Developing Neurological Practice.

Breakdown of module hours

Learning and teaching hours	45 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	0 hrs
Project supervision (level 6 projects and dissertation modules only)	0 hrs
Total active learning and teaching hours	**45** hrs
Placement / work based learning	0 hrs
Guided independent study	155 hrs
Module duration (total hours)	**200** hrs

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Initial approval date	3/8/22
With effect from date	Sept 23
Date and details of revision	AM2 approved by APSC Mtg 7, replacing PHY503
Version number	1

Module spec template 2020-2021

Module aims

To enable students to apply anatomy, physiology, pathology and normal movement to develop reflective, communication and problem solving skills in the physiotherapy assessment, rehabilitation and evaluation of people who have neurological conditions.

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

1	Relate and integrate neuroscience, physiology, anatomy, development and normal movement to physiotherapy assessment and rehabilitation for people who have neurological conditions.
2	Demonstrate an understanding of the pathology of and physiotherapy management and rehabilitation for neurological conditions.
3	Analyse and justify the use of appropriate, safe, physiotherapy assessment and management and outcome measures used, in the physiotherapy management and rehabilitation with service users presenting with neurological conditions.
4	Discuss examples of the physiotherapy management of patients in the context of the multi-disciplinary team.
5	Analyse the role of the physiotherapist in neurological rehabilitation in acute and chronic conditions and the psychological, social and emotional effects of these conditions.

Assessment

Indicative Assessment Tasks:

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.

The students will be provided with a case study in advance. The case study will present a service user who has a neurological presentation. Students will present the physiotherapy problems in context of the service user and the assessment and rehabilitation appropriate to the chosen case study for 20-minutes followed with a 10-minute discussion of their choice of assessment and approach.

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1-5	Oral Assessment	100%

Derogations

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.

Learning and Teaching Strategies

The delivery of this module will consist of lectures, interactive classroom sessions, tutorials, group and practical sessions. In order to provide sufficient contact time to develop and refine practical skills of assessment and treatment, the contact time for this module provides additional hours above the recommended amount for level 5.

It is intended that the module will provide support to students throughout the module; however, students will be encouraged to become increasingly autonomous as they gain competence and confidence within their studies.

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

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

The module will consider both neurological conditions, which will include stroke, Parkinson's Disease and Multiple sclerosis. Other conditions will be considered.

Students will develop knowledge of the importance and the role of each of the key contributors of the multi-disciplinary team including posture and mobility services, speech and language therapists and occupational therapy.

Practical elements of the module will further develop the handling skills of students through introduction of treatment/therapeutic handling skills along with other neurological rehabilitation practical skills.

Students will learn assessment and management strategies for neurological impairments such as impaired balance, ataxia and altered tone considering a range of clinical settings from acute stroke units to long-term management at home.

Indicative Bibliography:

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.

Lennon, S. Ramdharry, G. and Verheyden, G. (2018), Neurological Physiotherapy Pocketbook, 2nd ed. Edinburgh: Elsevier.

Other indicative reading

Lennon, S. Ramdharry, G. and Verheyden, G. (2018), Physical Management for Neurological Conditions, 4th ed. Edinburgh: Elsevier.

Employability skills – the Glyndŵr Graduate

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
Critical Thinking
Emotional Intelligence
Communication