

Module Details	
Module Title	Clinical Knowledge Foundations
Module Code	PAR4500-B
Academic Year	2024/5
Credits	20
School	School of Allied Health Professions and Midwifery
FHEQ Level	FHEQ Level 4

Contact Hours	
Type	Hours
Directed Study	60
Seminars	30
Practical Classes or Workshops	30
Independent Study	70
Lectures	10

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims
<p>The module will provide you with a basic knowledge of human physiology, pathophysiology and anatomy for application into practice. This provides the foundational skills required for the module Foundations of Clinical Assessment, in which you will begin working with patients attending the university-based physiotherapy clinic.</p>

Outline Syllabus

- * Functional Anatomy
- * Anatomical terminology
- * Cells, tissues and pathology
- * Biochemistry and metabolism
- * Integumentary system
- * Musculoskeletal system
- * Nervous & Endocrine systems
- * Cardiovascular system
- * Respiratory system
- * Lymphatic system and immune system
- * Renal and digestive systems
- * Physiology and Aging

Learning Outcomes

Outcome Number	Description
01	Demonstrate knowledge of functional anatomy.
02	Demonstrate knowledge of physiology and pathophysiology.
03	Demonstrate appropriate communication and handling for patient / model / simulation interactions.

Learning, Teaching and Assessment Strategy

This module will engage you as an active learner. You will have access to a diverse range of learning resources to support your learning. You will take part in lectures, seminars and practical's. Where possible these will be recorded for you to watch again in your own time. There will be many online resources and learning activities for your directed and self-directed learning. You are expected to prepare for classes which focus on relating and applying established and emerging knowledge within the module. Seminars with small group working will enable you to apply knowledge through practical and clinical scenarios. There will be interactive opportunities, including classroom based discussions. You will experience a blended learning approach that balances face to face and online learning and will include synchronous and asynchronous activities. Functional anatomy will be supported by practical classes. In practical sessions you will be encouraged to work with different peers to experience and learn how to communicate and use therapeutic touch with a diverse range of people whilst feeling comfortable yourself. This is important to prepare you for seeing patients.

Canvas will be used as a virtual learning environment for module information, handbooks, resources, teaching materials, films, and web-based materials.

Lectures will involve delivery of the fundamental concepts of anatomy, physiology and pathophysiology for application into physiotherapy practice.

Directed Study will involve a flipped approach by asking you to engage with independent learning objects such as a videos and online materials with the aim to encourage active participation in topics which will be expanded upon in seminars and practical.

Seminars will focus on specific elements that allow you to discuss physiological systems in context and develop skills to explain concepts in both lay and professional language.

Practical Classes will focus on learning how your body works and moves in functional ways. These sessions will involve palpation of peers. There is additional focus on appropriate communication, touch and consent.

Formative assessment - this will constitute a 'mock' examination and will inform the summative assessment. This is embedded into the module teaching and will provide an opportunity for feedback.

Summative assessment - there is one summative assessment, which will involve a two-station practical examination. Station one will focus on knowledge of anatomical structures. Station two will focus on knowledge of physiological systems.

To promote the values of inclusivity, the time allocation for this assessment factors in additional time commonly recommended in learner support profiles. The length of the assessment is therefore dictated by a list of indicative questions, rather than the timeframe itself. As such, if you are entitled to additional time as part of your learner support profile, you are anticipated to use the maximum permitted time, whilst others are anticipated to finish earlier.

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Mode of Assessment			
Type	Method	Description	Weighting
Summative	Examination - practical/laboratory	2-station exam. Tasks will include explanation of physiological system and functional anatomy (2x 20 min stations)	100%

Reading List
To access the reading list for this module, please visit https://bradford.rl.talis.com/index.html

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.

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