University Logo


# Module Descriptor

# Definitive Document

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| **Module Code** | PHYC03 |
| **Version** | (completed by QASU) |
| **Module Title** | Anatomy, Physiology and Pathology |
| **Credits** | 20 |
| **Valid From** | (completed by QASU) |
| **Status** | Select |
| **Subject Board** | (completed by QASU) |
| **HECoS Code** | 100252 – Physiotherapy |
| **Academic Level (FHEQ)** | 4 |
| **Study Period** | **A** |
| **Prerequisites and co-requisites** | None |
| **Not available to students taking/having taken** | N/A |

# This module aims to provide students with an understanding of the anatomy and physiological basis of all body systems and how pathology may impact on the anatomical and physiological systems.

# Content (Indicative)

* Structure and function of physiological systems
* Pathology of the physiological systems
* Anatomy of the neurological, cardiorespiratory and muscular system
* Introduction to pathological processes
* Impact of pathologies on the anatomical and physiological systems

# Teaching and Learning Experience

* Blended Learning
* Independent Learning
* Lectures
* Seminars
* Tutorials

# Module Learning Outcomes (MLOs)

On successful completion of this module students will be able to:

1. Identify the structure and function of physiological systems
2. Demonstrate a board understanding of the pathology of the physiological systems
3. Identify the structure and function of neuromuscular systems
4. Demonstrate a board understanding of the pathology of the neuromuscular systems

## Assessment

| **Assessment task** | **Load** | **Weighting** | **Learning Outcomes assessed** |
| --- | --- | --- | --- |
| Written Examination | up to 5000 words  (or equivalent) | 100% | 1-4 |

\*All assessment tasks must be passed in order to pass the module.

# Indicative reading (APA 7th edition referenced)

### Books

Agur, A. M. R., & Grant, J. C. B. (2005). *Grant's atlas of anatomy* (11th ed.). Lippincott Williams & Wilkins.

Archer, P. A., Nelson, L. A., Archer, P. A. A. a., & physiology for manual, t. *Study and review guide for applied anatomy & physiology for manual therapists*.

Crossman, A. R., & Neary, D. (2019). *Neuroanatomy : an illustrated colour text* (6th ed.). Churchill Livingstone/Elsevier.

Palastanga, N., & Soames, R. (2011). *Anatomy and Human Movement: Structure and function with PAGEBURST Access, 6e* (6th ed.). Churchill Livingstone.

Shamley, D. (2005). *Pathophysiology : an essential text for the allied health professions*. Elsevier.

Tortora, G. J., & Derrickson, B. (2017). *Tortora's Principles of Anatomy and Physiology* (15th Edition ed.). Wiley.

**Journals**

[Physiotherapy](https://www.physiotherapyjournal.com/)

[Journal of Physiotherapy](https://www.sciencedirect.com/journal/australian-journal-of-physiotherapy)

[Physical Therapy & Rehabilitation Journal](https://academic.oup.com/ptj)