

## MODULE DESCRIPTOR

### Module Title

Physiology			
Reference	HS1140	Version	1
Created	May 2021	SCQF Level	SCQF 7
Approved	June 2021	SCQF Points	15
Amended		ECTS Points	7.5

### Aims of Module

The aim of this module is to examine the structure and function of the major physiological systems of the human body.

### Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Describe the structure of the human body's major physiological systems.
- 2 Explain the function of the human body's major physiological systems.
- 3 Relate the structure to the functions of the human body's major physiological systems.
- 4 Demonstrate the necessary professionalism through attendance at learning opportunities required for safe practice.

### Indicative Module Content

The structure and function of the key physiological systems including: cardiovascular, respiratory, muscular, nervous, endocrine, digestive, renal system and Immune system. Fundamentals of human physiology including cells, tissues and homeostasis.

### Module Delivery

Blended delivery comprising on campus and online learning and engagement. This will include Digital Learning Resources, Tutorials and Practical sessions.

### Indicative Student Workload

	Full Time	Part Time
Contact Hours	34	N/A
Non-Contact Hours	116	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	N/A
<i>Actual Placement hours for professional, statutory or regulatory body</i>		

**ASSESSMENT PLAN**

*If a major/minor model is used and box is ticked, % weightings below are indicative only.*

**Component 1**

Type: Examination Weighting: 100% Outcomes Assessed: 1, 2, 3  
 Description: Closed Book Exam

**Component 2**

Type: Coursework Weighting: 0% Outcomes Assessed: 4  
 Description: Minimal module attendance requirement of 80%

**MODULE PERFORMANCE DESCRIPTOR****Explanatory Text**

Component 1 grade based on grading proforma. Component 2 is a minimum modular attendance requirement of 80%

Module Grade	Minimum Requirements to achieve Module Grade:
<b>A</b>	Component 1 A; Component 2 Pass
<b>B</b>	Component 1 B; Component 2 Pass
<b>C</b>	Component 1 C; Component 2 Pass
<b>D</b>	Component 1 D; Component 2 Pass
<b>E</b>	Component 1 E; Component 2 Pass
<b>F</b>	Component 1 F and/or fails Component 2
<b>NS</b>	Non-submission of work by published deadline or non-attendance for examination

**Module Requirements**

Prerequisites for Module	None, in addition to course entry requirements
Corequisites for module	None.
Precluded Modules	None.

**INDICATIVE BIBLIOGRAPHY**

- 1 KENNEY, W.L., WILMORE, J. H. & COSTILL, D. L., 2015. Physiology of sport and exercise. 6th ed. Champaign, IL: Human Kinetics.
- 2 MCARDLE, W. D., KATCH, F. I. & KATCH, V. L., 2014. Exercise physiology, energy, nutrition and human performance. 8th ed. London: Lippincott Williams & Wilkins.
- 3 MARIEB, E.N. & KELLER, S.M., 2017 Essentials of human anatomy and physiology. 12th ed. Harlow: Pearson Education.
- 4 MARTINI, J.L., NATH, J.L. & BARTHOLOMEW, E.F., 2018. Fundamentals of Anatomy and Physiology. 11th ed. Harlow: Pearson Education.
- 5 TORTORA, G. J. & DERRICKSON, B. H., 2019. Introduction to the Human Body 11th ed. New York: Wiley.