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MODULE DESCRIPTOR

Module Title

Human Anatomy and Physiology 2

Reference	AS2902	Version	3
Created	August 2021	SCQF Level	SCQF 8
Approved	May 2011	SCQF Points	15
Amended	August 2021	ECTS Points	7.5

Aims of Module

To enable students to have knowledge of the anatomy and physiology of the digestive, sensory, cardiovascular, respiratory, urinary and reproductive systems.

Learning Outcomes for Module

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

- 1 Demonstrate understanding of the structure of the digestive, respiratory, sensory, cardiovascular, urinary and reproductive systems.
- 2 Demonstrate understanding of the physiology of the digestive, respiratory, sensory, cardiovascular, urinary and reproductive systems.
- 3 Relate the roles of the digestive, sensory, cardiovascular, respiratory, urinary and reproductive systems in the regulation and maintenance of homeostasis.

Indicative Module Content

Digestive System: Anatomy of the gastrointestinal tract and accessory organs, digestive processes. Cardiovascular System: Anatomy of heart and vessels, conduction system, cardiac cycle, homeostasis control, lymphatic vessels and tissues. Respiratory System: Anatomy and physiology, volumes, respiration and its control, gas exchange and transport. Urinary System: Anatomy and physiological role, regulation and control. Sensory System: Anatomy and receptor physiology, pain, vision, hearing and equilibrium, taste and smell. Reproductive System: Anatomy and physiology of the reproductive tracts, control of reproductive functions.

Module Delivery

Lecture based module supplemented with tutorial exercises.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	36	N/A
Non-Contact Hours	114	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:	Unseen, closed book examination.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Component 1 (EX1) comprises 100% of the module grade. A minimum of a Grade D is required to pass the module.

Module Grade	Minimum Requirements to achieve Module Grade:
A	A: a score of 75% or above is required.
B	B: a score of between 60-74% is required.
C	C: a score of between 50-59% is required.
D	D: a score of between 40-49% is required.
E	E; a score of between 35-39% is required.
F	F: a score of less than 35% is required.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	Successful completion of Stage 1, or equivalent.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 MARIEB, E.N. *Essentials of Human Anatomy & Physiology*. Current Edition. Pearson/Benjamin Cummings
- 2 MARTINI, F. and NATH, J.L. *Fundamentals of Anatomy and Physiology*. Current Edition. Addison-Wesley.
- 3 TORTORA, G.J. AND DERRICKSON, B.H. *Introduction to the Human Body: The Essentials of Anatomy and Physiology*. Current Edition. New York: Wiley