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MODULE DESCRIPTOR

Module Title

Integrated Physiology			
Reference	PH2130	Version	3
Created	September 2018	SCQF Level	SCQF 8
Approved	March 2013	SCQF Points	30
Amended	September 2018	ECTS Points	15

Aims of Module

To develop an understanding of human functional physiology through consideration of selected body systems.

Learning Outcomes for Module

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

- 1 Explain the fundamental physiologies of the cardiovascular, gastrointestinal, integumentary, respiratory and renal systems.
- 2 Apply knowledge and understanding from Outcome 1 to underpin the integration of the cardiovascular, gastrointestinal, integumentary, respiratory and renal systems in the context of drug absorption, distribution, metabolism and excretion.
- 3 Manipulate, interpret and present experimental data based on knowledge from Outcomes 1 and 2.

Indicative Module Content

Integration of the structure, function, physiological processes and regulatory mechanisms of the human body with drug absorption, distribution, metabolism and excretion through consideration of the following body systems: cardiovascular, gastrointestinal, integumentary, respiratory and renal systems.

Module Delivery

Lectures, coursework sessions (which include data collection and analysis, problem solving exercises), tutorial sessions and directed study (which includes computer packages, directed reading and self assessment exercises).

Indicative Student Workload

	Full Time	Part Time
Contact Hours	63	N/A
Non-Contact Hours	237	N/A
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	300	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: 2 hour exam comprising an objective short answer questions and short answer essay style questions.

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

To pass this module, the student MUST achieve a module Grade of Grade D or better.

Module Grade	Minimum Requirements to achieve Module Grade:
A	When the mark for C1 is 70% or more.
B	When the mark for C1 is 60-69%.
C	When the mark for C1 is 50-59%.
D	When the mark for C1 is 40-49%.
E	When the mark for C1 is 35-39%.
F	When the mark for C1 is less than 35%.
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module None, in addition to course requirements.

Corequisites for module None.

Precluded Modules None.

INDICATIVE BIBLIOGRAPHY

- 1 TORTORA, G.J. and GRABOWSKI, S.R. Principles of Anatomy and Physiology. Current edition. New York: J Wiley and Sons
- 2 BORON, W. F. and BOULPAEP, E. L. Medical Physiology. Current edition. Oxford: Saunders Elsevier Science.