

MODULE DESCRIPTOR

Module Title

Pathophysiology for Advancing Practice

Reference	NUM094	Version	3
Created	January 2024	SCQF Level	SCQF 11
Approved	May 2020	SCQF Points	15
Amended	February 2024	ECTS Points	7.5

Aims of Module

Advance knowledge of pathophysiology essential to the role of the advanced clinical practitioner.

Learning Outcomes for Module

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

- 1 Critically explore the key pathophysiological processes across the lifespan.
- 2 Critically analyse the pathophysiology of clinical features across the lifespan.
- 3 Critically analyse decision making and rationale for investigating disease.
- 4 Analyse normal physiological and pathological phenomena across the life span, analysing the relationship.
- 5 Demonstrate application of knowledge in relation to health and illness in the individual (contextualised to area of clinical practice).

Indicative Module Content

Normal values; Homeostasis; Recognising abnormalities; Parameters; Risk versus benefit; Decision making; Critical thinking; Interpreting significance of findings; Establishing abnormal from normal; Significance to patient in relation to morbidity and co-morbidity; Pathophysiological processes; Disease; Dysfunction; Pathophysiologic alterations.

Module Delivery

The module will be delivered online via Moodle and may include teaching activities such as discussion forums, quizzes, topic workbooks, online tutorials and recorded sessions.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	15	15
Non-Contact Hours	135	135
Placement/Work-Based Learning Experience [Notional] Hours	N/A	N/A
TOTAL	150	150
<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, 4, 5
Description:	Written examination.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

Written examination.

Module Grade	Minimum Requirements to achieve Module Grade:
A	C1 = A
B	C1 = B
C	C1 = C
D	C1 = D
E	C1 = E
F	C1 = F
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

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

INDICATIVE BIBLIOGRAPHY

- 1 JAPP, A.G. and ROBERTSON, C., 2018. *MacLeod's clinical diagnosis*. 14th ed. Edinburgh: Churchill Livingstone.
- 2 KUMAR, V., ABBAS, A.K. and ASTER, J.C., 2020. *Robins & Cotran pathologic basis of disease*. 10th ed. Philadelphia, PA: Elsevier Saunders.
- 3 McCANCE, K.L and HUETHER, S.E., 2019. *Pathophysiology: the biological basis for disease in adults and children*. 8th ed. St. Louis, MO: Elsevier.
- 4 PAGANA, K.D., PAGANA, T.J. and PAGANA, T.N., 2019. *Mosby's diagnostic & laboratory test reference*. 14th ed. St. Louis, MO: Elsevier.
- 5 A current and comprehensive list of references will be supplied on an annual basis to reflect the evolving nature of the topics addressed within this module.