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MODULE DESCRIPTOR

Module Title

Vertebrate Anatomy And Physiology

Reference	AS2174	Version	1
Created	October 2017	SCQF Level	SCQF 8
Approved	February 2018	SCQF Points	30
Amended		ECTS Points	15

Aims of Module

To give students studying Applied Biosciences a comprehensive understanding of the principles of the anatomy and physiology relevant to vertebrate species.

Learning Outcomes for Module

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

- 1 Discuss the role and function of the major organs within the body.
- 2 Discuss the differences in the anatomy and physiology of the different classes of vertebrates.
- 3 Discuss the position and structure of the major organs within the body.

Indicative Module Content

Terminology used in anatomy; Evolution of vertebrates; Bones, Skeletons and Teeth; Muscles; Joints, Ligaments and Biomechanics; Digestive tract; Respiratory Tract; Urogenital System and Reproduction; Nervous system; Sense Organs and Common Integument; Heart and Circulation; Endocrinology and Lymphatic System

Module Delivery

A combined approach utilising formal lectures and dissection laboratories.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	48	N/A
Non-Contact Hours	252	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: 60% Outcomes Assessed: 1, 2
 Description: Unseen closed book examination

Component 2

Type: Coursework Weighting: 40% Outcomes Assessed: 3
 Description: Laboratory report

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

This module is assessed using the two components of assessment as detailed in the Assessment Plan. To pass this module, candidates must achieve a Module Grade D or better.

Module Grade	Minimum Requirements to achieve Module Grade:
A	Final aggregate mark of 70% or greater and a minimum of 35% in C1 and C2
B	Final aggregate mark of between 60-69% and a minimum of 35% in C1 and C2
C	Final aggregate mark of between 50-59% and a minimum of 35% in C1 and C2
D	Final aggregate mark of between 40-49% and a minimum of 35% in C1 and C2
E	MARGINAL FAIL. Final aggregate of between 35-39% and a minimum of 35% in C1 and C2
F	FAIL. A mark of less than 35% in either component
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

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

INDICATIVE BIBLIOGRAPHY

- 1 REECE J. B. *Campbell Biology*. Current Edition. Pearson International.
- 2 RANDALL D. J. *Eckert animal physiology: mechanisms and adaptations* Current Edition. W. H. Freeman.