

Course Outline (Higher Education)

School:	School of Health and Life Sciences
Course Title:	VERTEBRATE BIOLOGY
Course ID:	BIOGC1711
Credit Points:	15.00
Prerequisite(s):	Nil
Co-requisite(s):	Nil
Exclusion(s):	Nil
ASCED:	010913

Description of the Course :

This unit aims to present normal physiological function of the major organ systems in vertebrates. The emphasis is on the study of discrete cell populations and organs within each system and the integration of these systems to meet the needs of the functioning organism. The relationship between structure and function is an underlying theme of the course. Laboratory and tutorial classes are divided into two streams: the human/ medical stream or the animal/ veterinary stream; students select the stream appropriate to their study program and interests.

Grade Scheme: Graded (HD, D, C, etc.)

Supplementary Assessment: Yes

Where supplementary assessment is available a student must have failed overall in the course but gained a final mark of 45 per cent or above and submitted all major assessment tasks..

Learning Outcomes:

On completion of this unit students will be able to:

1. Recognise the major anatomical features of the vertebrate body;
2. Describe the normal physiological function of the major systems of vertebrates;
3. Describe the behaviour of individual cell populations within each of these systems;
4. Discuss the integration of the activities of individual cell population to create a functioning system;
5. Understand the control mechanisms which operate within each system and within the functioning organism;
6. Measure physiological responses under a range of experimental conditions and choose appropriate reference material to interpret these responses.

Course Content:

Values and Graduate Attributes:

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BIOGC1711 VERTEBRATE BIOLOGY

Learning Task and Assessment:

Learning Outcomes Assessed	Learning Tasks	Assessment Type	Weighting
Mid-semester test (theory)	Mid-semester test (theory)	Mid-semester test (theory)	25%
End-of-semester test (theory)	End-of-semester test (theory)	End-of-semester test (theory)	45%
Practical work (assessed by attitude and performance in the lab and by laboratory reports submitted throughout the semester)	Practical work (assessed by attitude and performance in the lab and by laboratory reports submitted throughout the semester)	Practical work (assessed by attitude and performance in the lab and by laboratory reports submitted throughout the semester)	30%

Adopted Reference Style: