

Semester	2		
Course code	ZOOL 12523		
Course Name:	Animal Diversity and Sri Lankan Fauna		
Credit Value:	3		
Core/Optional	Core		
Pre requisites	G.C.E. (A/L) Biology		
Co-requisites	ZOOL 12531		
Hourly Breakdown	Theory	Practical	Independent Learning
	45	--	105
Course Aim/Intended Learning Outcomes:			
After completion of the course unit, the student will be able to;			
<ul style="list-style-type: none"> ➤ describe principles of taxonomy, ➤ explain structural organization and diversity of animal kingdom, and ➤ identify and classify animals with special reference to Sri Lankan fauna. 			
Course Content:			
Introduction to animal kingdom, Principles of taxonomy of animals, Structural organization and diversity of the following groups of Protists and animals with special reference to Sri Lankan fauna; Porifera , Cnidaria, Ctenophora, Platyhelminthes, Nematoda, Rotifera, Annelida, Lophophorate animals, Arthropoda, Mollusca, Echinodermata, Hemichordata, Urochordata, Cephalochordata, Chordata including fishes, amphibians, reptiles, birds and mammals. Adaptive radiation of different groups of vertebrates.			
Teaching /Learning Methods: A combination of lectures, computer based learning, self-studies, assignments, tutorial and small group discussions.			
Assessment Strategy: Continuous assessment and end of course examination.			
Continuous Assessment 30%		Final Assessment 70 %	
Details:	Theory (%)	Practical (%)	Other (%) (specify)
Online assessment 20%	70%	NA	NA
Presentation 10%			
Recommended reading:			
<ol style="list-style-type: none"> 1. Hickman, C., L. Roberts, S. Keen & A. Larson Jr. (2011). Animal Diversity, 6th Edition, McGraw-Hill. 2. Kotagama, S. & G. Ratnavira (2010). An illustrated guide to the birds of Sri Lanka. Published by the Field Ornithology Group of Sri Lanka, University of Colombo. 3. Raven, P. H. & G. B. Johnson (2010). Biology. 8th Edition. Tata McGraw-Hill Edition. 4. Reece, J. B., L. A. Urry, M. L. Cain, S. A. Wasserman, P. V. Minorsky & R. B. Jackson (2011). Biology – Campbell. Global Edition. 9th Edition. Pearson Education Inc. 5. Study Guide for ZOOL 12523: Animal Diversity. Department of Zoology, University of Kelaniya. 			