



UNIVERSITI TEKNOLOGI MARA

BDY634: CAPTIVE WILDLIFE MANAGEMENT

Course Name (English)	CAPTIVE WILDLIFE MANAGEMENT APPROVED
Course Code	BDY634
MQF Credit	3
Course Description	This course provides opportunity for students to comprehend the basic principles in managing captive animals in various settings i.e zoo, farm, and laboratory. However, emphasize will be given more to animals in zoo setting. Students will also learn the concepts in animal behaviour, basic husbandry, nutrition, captive breeding, health and welfare of the animals in captivity. Teaching methods include case studies, lectures, laboratory time and field work.
Transferable Skills	Skills and how they are developed and assessed, Project and practical experience and Internship 1. Apply the basic principles in managing captive animal in various setting. 2. Apply the concept in animal behaviour, basic husbandry, nutrition, captive breeding, health and welfare of the animals in captivity 3. Develop and established the sampling plot related to captive animal
Teaching Methodologies	Lectures, Field Trip, Discussion
CLO	CLO1 To discuss the biological concepts and principles that constitutes the foundation of managing captive animal CLO2 To comprehend basic husbandry requirements for animals held in captivity CLO3 To apply knowledge of the management and husbandry to the discussion of ethical and welfare issues concerning captive animals CLO4 4. To analyse issues related to current practices on captive animals
Pre-Requisite Courses	No course recommendations
Topics	
1. 1.0 Introduction to wildlife management 1.1) N/A	
2. 2.0 The Development of Modern Zoo 2.1) N/A	
3. 3.0 Behavior 3.1) N/A	
4. 4.0 Environmental Enrichment 4.1) N/A	
5. 5.0 Housing and Husbandry 5.1) N/A	
6. 6.0 Animal Enclosure Requirements 6.1) N/A	
7. 7.0 Nutrition and Feeding 7.1) N/A	
8. 8.0 Food Preparation and Storage 8.1) N/A	
9. 9.0 Reproduction, Captive Breeding and Population Management 9.1) N/A	
10. 10.0 Captive Breeding of Endangered Species 10.1) N/A	

11. 11.0 Health and Diseases 11.1) N/A
12. 12.0 Diseases of Concern in Captive Animals 12.1) N/A
13. 13.0 Animal Welfare 13.1) N/A
14. 14.0 Psychological Stress 14.1) N/A

Assessment Breakdown	%
Continuous Assessment	50.00%
Final Assessment	50.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Assignment	assignment (2 topics)	10%	CLO4
	Group Project	Field trip report	10%	CLO3
	Presentation	Presentation	10%	CLO2
	Test	Test	20%	CLO1

Reading List	Recommended Text
	<ul style="list-style-type: none"> • 1. Hosey, G., Melfi, V. and Pankhurst, S. (2009), Zoo Animals: Behaviour, Management and Welfare. OUP Oxford. • 2. Rees, P.A. (2011). An Introduction to Zoo Biology and Management. Wiley-Blackwell • 3. Kleiman, D.G. (2010). Wild Mammals in Captivity: Principles and Techniques for Zoo Management. 2nd Edition. University of Chicago Press. • 4. Appleby, M.C. and Hughes, B.O. (2007). Animal Welfare. CABI Publishing, UK. • 5. Jensen, P. (2009). The Ethology of Domestic Animals: 2nd Edition. CABI Publishing, UK

Article/Paper List	This Course does not have any article/paper resources
Other References	This Course does not have any other resources