



UNIVERSITI TEKNOLOGI MARA

BDY522: WILDLIFE CONSERVATION AND MANAGEMENT

Course Name (English)	WILDLIFE CONSERVATION AND MANAGEMENT APPROVED
Course Code	BDY522
MQF Credit	3
Course Description	Wildlife habitats and populations are depleting worldwide. Therefore, natural resources manager or others stakeholders are working on preservation, conservation and effective management of our natural resources for sustainability. This course will prepare the student with application of knowledge of ecology component that regulate the population, decision making process in solving wildlife ecological problem, present management models, agencies, policies and conservation issues. By the end of the semester, students are able to deal with how to apply knowledge of ecology and population biology to the management of wildlife populations. In order to do so, this course is designed to develop critical thinking and problem solving skills and enhance the student's ability to synthesize information from a diversity of sources.
Transferable Skills	1. Apply the knowledge of wild life conservation and management when dealing with wildlife. 2. Develop and analyze suitable solution when encounter with wild life problems. 3. Communicate effectively with others to solve some given situations and problems
Teaching Methodologies	Lectures, Case Study, Tutorial, Problem-based Learning
CLO	CLO1 Explain the ecological function of wildlife species, populations, communities, and ecosystems CLO2 Explain the policy jurisdiction, decision making processes and social and political consideration that influence decisions in wildlife management at the state and national levels CLO3 Relate the biological concept and ecological principles to the management of natural resources, habitats, and wildlife populations
Pre-Requisite Courses	No course recommendations
Topics	
1. 1. Introduction 1.1) 1.1 Concept of Wildlife Conservation and Management 1.2) 1.2 History and Development of Philosophical Perspectives	
2. 2. Law Enforcement 2.1) 2.1 Wildlife Act and Legislation 2.2) 2.2 Threatened and Endangered Species	
3. 3. Wildlife Conservation Planning and Management 3.1) 3.1 Wildlife Management in the 21st Century 3.2) 3.2 Wildlife Conservation and Management in Malaysia 3.3) 3.3 Limiting Factors in Wildlife Management	
4. 4. Habitat Planning and Evaluation 4.1) 4.1 In-situ Management 4.2) 4.2 Ex-situ Management	
5. 5. Human-Wildlife Conflict 5.1) 5.1 Historical Background of Human-Wildlife Relationship 5.2) 5.2 Human-Wildlife Conflict in Malaysia 5.3) 5.3 Challenges and Management of HWC	

6. 6. Wildlife Diseases

6.1) 6.1 Types of Zoonoses

6.2) 6.2 Threats and Impacts of Zoonoses

6.3) 6.3 Zoonotic Diseases: Issues and Management

7. 7. Contemporary Topics in Wildlife Management

7.1) 7.1 Wildlife Rescue and Rehabilitation Operations in Malaysia

Assessment Breakdown	%
Continuous Assessment	60.00%
Final Assessment	40.00%

Details of Continuous Assessment	Assessment Type	Assessment Description	% of Total Mark	CLO
	Case Study	CASE STUDY	20%	CLO2
	Presentation	GROUP PRESENTATION	20%	CLO3
	Test	MIDTERM TEST	20%	CLO1

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