Course Report
(Bachelor)

Course Title:	**Conservation of Wildlife**
Course Code:	**EVS 1016**
Program:	**Bachelor of Science in Environmental Science**
Department:	**Biology**
College:	**Science**
Institution:	**Imam Muhammed Ibn Saud Islamic University**
Version:	**1**
Last Revision Date:	***Pick Revision Date.***

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A. General information about the course:

1. Course Identification

1. Credit hours: 2 (Lecture 2 + 0+ 0)					
2. Course type					
A.	☐University	☐College	☒ Department	☐Track	☐Others
B.	☐ Required		☒ Elective		
3. Level/year at which this course is offered: (Not determined)					
4. Course general Description:					
This course will provide students with an understanding of the science and theory of managing wildlife and habitats beginning with the fundamental needs of wildlife. The following topics will be examined: Use of natural and anthropogenic habitats by wildlife including grasslands, agricultural lands, urban environments, wetlands, and forests, direct and indirect management of wildlife including habitat management and the use of hunting and trapping to manage wildlife, exotic species and their impact on native species, the economics of wildlife and consumptive and non-consumptive uses of wildlife, and current threats to the conservation of wildlife and habitats					
5. Pre-requirements for this course (if any)**:**					
EVS 1110 EVS 1114					
6. Co-requisites for this course (if any)**:**					
None					
7. Course Main Objective(s):					
1. Improve the ability of students to read and understand scientific literature 2. Provide students with practical experience using social medial in a professional setting 3. Develop an understand of the basic needs of all species of wildlife 4. Examine the application of theory to manage wildlife and habitats 5. Further the student's understanding of wildlife ecology 6. Develop the student's ability to think critically.					

2. Teaching mode (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	√	100%
2	E-learning	-	-
3	Hybrid • Traditional classroom • E-learning	-	-
4	Distance learning		-

3. Contact Hours (based on the academic semester)

No	Activity	Contact Hours
1.	**Lectures**	30
2.	**Laboratory/Studio**	0
3.	**Field**	0
4.	**Tutorial**	0
5.	**Others (specify)**	-
Total		30

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Recognize the scientific, technical, and regulatory bases of wildlife management and conservation.	**K1**	Two credits weekly lectures	-Quizzes -Presentations -Assignments -written exams
1.2	Describe various issues concerning wildlife conservation.	**K2**	Two credits weekly lectures	Quizzes -Presentations -Assignments -written exams

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.3	Outline the ongoing management protocols used in natural wildlife and their values in wildlife conservation.	**K3**	Two credits weekly lectures	Quizzes -Presentations -Assignments -written exams
2.0	Skills			
2.1	Apply appropriate solutions for problems related to the depletion of wildlife	**S1**	-Two credits weekly lectures -Tutorials	-Presentations -Assignments -written exams
2.2	Inspect the management of selected wildlife populations through relevant case studies.	**S2**	-Two credits weekly lectures -Tutorials	-Presentations -Assignments -written exams
2.3	Evaluate the application of information theory, maximum likelihood estimation, and generalized linear modelling in studying wildlife populations	**S3**	-Two credits weekly lectures -Tutorials	-Presentations -Reports
3.0	Values, autonomy, and responsibility			
3.1	Show independence in carrying out assignments and demonstrate cooperation with the work team	**V1**	Group discussions	-Presentations -Reports
3.2	Participate in scientific meetings and present data effectively	**V2**	Group discussions	-Presentations -Reports
3.2	Adhere to ethical rules while working in the field of conservation of wild life	**V3**	Group discussions	Presentations -Reports

C. Course Content

No	List of Topics	Contact Hours
1.	Introduction, Syllabus. Introduction and History of Wildlife Conservation Perspectives and philosophical perspective; Cultural foundation; Protected Area Network (PAN)	4
2.	Wildlife–Habitat Ecology. Measuring wildlife habitat, availability, quality, animal signs; monitoring changes; corridors	4
3.	Wildlife Behavior Introduction (Group living, selfishness and altruism); evolutionarily stable strategies; concept of optimality in decision making in animals	4
4.	Ecoregions and Biomes of the World	4
5.	Endangered Species: Threats, Stressors, and Reintroduction	2
6.	Wildlife Control: Overabundant Species Overharvesting and Overexploitation	2
7.	International Trade in Wildlife	2
8.	Habitat fragmentation and landscape change, Extinctions	2
9.	Conservation Genetics and Wildlife Forensics	2
10.	Wildlife Data Collection and Management Techniques	2
11	Case studies on Wildlife Ecology and Management	2
Total		30

D. Students Assessment Activities

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Midterm exam 1	5th week	20%
2.	Midterm exam 2	10th week	20%
3.	Quizzes, Participation, Attendance, Presentations, Data search	During the semester	20%
4.	Final Exam	16th week	40%
Total			100%

* Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.).

E. Learning Resources and Facilities

1. References and Learning Resources

Essential References	Wildlife Management and Conservation: Contemporary Principles and Practices, 2013, by Paul R. Krausman et al. Wildlife Ecology and Conservation: Principles, Techniques, and Applications, 3rd Edition Conservation Biology for all. 2010. edited by Sodhi, N. S, and P. R. Ehrlich. Oxford University Press.
Supportive References	
Electronic Materials	
Other Learning Materials	

2. Required Facilities and equipment

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classroom and laboratories
Technology equipment (Projector, smart board, software)	Projector, smart board
Other equipment (Depending on the nature of the speciality)	Environment-related instruments

F. Assessment of Course Quality

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Direct
Effectiveness of students' assessment	Program director	Direct
Quality of learning resources	Peer reviewer	Indirect
The extent to which CLOs have been achieved	Program director	Direct
Other		

Assessors (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval

COUNCIL /COMMITTEE	**Biology Department Council**
REFERENCE NO.	**2**
DATE	**21/02/1446 H**