



عبدالمطعم بن أبي الطموزي رحمه الله ورحمتهم أجمعين

Table of Contents

A. General information about the course:	3
B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods:	Error! Bookmark not defined.
C. Course Content:.....	Error! Bookmark not defined.
D. Students Assessment Activities:	6
E. Learning Resources and Facilities:	7
F. Assessment of Course Quality:	7
G. Specification Approval Data:.....	8

عبدالمطعم بن أبي الطموزي رحمه الله ورحمتهم أجمعين



1. Course Identification:

2. Course type

B. ☒ Required ☐ Elective

4. Course general Description:

5. Pre-requirements for this course (if any):

عبد المحسن بن أبي طالب عزير عبد الله بن حميتي الناصر

The objective of this course

2-To introduce the characteristics, life histories, abundance, distribution, biology, ecology, economic importance and habitat interrelationships of the most common of the wildlife species of Saudi Arabia, with emphasis upon those emphasis on desert animals and aquatic of the ecological zones in Saudi Arabia such as mammals, reptiles and selected birds.

عبد المحسن بن أبي العزى به بالمر حقيقى الناصر

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	30
3.	Field	-
4.	Tutorial	-
5.	Others (specify)	
	Total	60

B. Course Learning Outcomes, Teaching Strategies, Assessment Methods

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	Knowledge and understanding			
1.1	Demonstrate knowledge of wildlife Biology, diversity and conservation	1.1	Two credits weekly lectures	-Quizzes -Presentations -Assignments -written exams

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.2	Explain the concepts of wildlife, wildlife management, and sustainable use of natural resources.	1.2	Two credits weekly lectures	Quizzes -Presentations -Assignments -written exams
1.3	Explain scientific and biological principles as they pertain to wildlife	1.3	Two credits weekly lectures	Quizzes -Presentations -Assignments -written exams
2.0	Skills			
2.1	Described the interactions of humans and wildlife	2.1	-Two credits weekly lectures -Tutorials	-Presentations -Assignments -written exams
2.2	To summarize wildlife species in Saudi Arabia	2.2	-Two credits weekly lectures -Tutorials	-Presentations -Assignments -written exams
2.3	Learn how to assess abundance, distribution, economic importance and habitat interrelationships of the most common of the wildlife species of Saudi Arabia	2.3	-Two credits weekly lectures -Tutorials	-Presentations -Reports
3.0	Values, autonomy, and responsibility			
3.1	Planed and prepare scientific paper and report about wildlife biology	3.1	Group discussions	-Presentations -Reports
3.2	Collected data and make good presentation and reports		Group discussions	-Presentations -Reports

C. Course Content:

No	List of Topics	Contact Hours
----	----------------	---------------

1.	Introduction to wildlife biology; a historical view Identification and characteristics of selected species; scientific and common names, descriptions, field identification, geographical range, habitats, signs, habits, reproduction, enemies, special problems, economic importance	3
2.	Wildlife biology; includes Physiological Basis of; Hibernation, aestivation, Awakening, Migration Circadian rhythms Hypothalamo- Hypophysial Axis and its role Pineal gland and its role Day- length influences on Phenology Seed dormancy and methods of breaking it	3
3.	Animal adaptations to water, temperature, salinity, predation, Plant adaptations to water, temperature, salinity, predation Association between animals for adaptation. Association between plants & animals for adaptation, Orientation & navigation in animals	3
4.	Abundance, distribution and human impact; dynamics of productivity, carrying capacity, population dynamics, regulatory mechanism, habitat alteration, human economics and over population, habitat destruction, endangered species.	3
5.	Major diseases and their control Domestic animals & wildlife diseases Governmental role in control of Wildlife diseases, Sick animal refuges in protected areas	3
6.	Wildlife and Human welfare Biomimetics Ethnobiology & Ecosystem people The Economics of Ecosystem and Biodiversity (TEEB)	3
7.	Future of wildlife; balancing of human and wildlife needs, preservation, conservation, change of attitudes, values, economics, consciousness-raising efforts in areas of scientific and moral awareness, critical thinking, suggestions, support and involvement in positive ethical activities to help give wildlife a fair chance	2
Total		30

D. Students Assessment Activities:

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Midterm exam-1	5 th week	15%
2.	Midterm exam-2	10 th week	15%
3.	Assignments, presentations, attendance, data search, participation	Throughout the course duration	10%

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
	Final lab exam	15 th week	20%
4.	Final exam	16 th week	40%

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

عبدالمطعم بن عبدالمعز بن يوسف بن عبد الله بن حمد بن الناصر

E. Learning Resources and Facilities:

1. References and Learning Resources:

Essential References	Pough, F. Harvey, C. M. Janis, and J. B. Heiser. Vertebrate Life, 10th ed. New Jersey: Benjamin Cummings/Pearson, 2018
Supportive References	Bolen, Eric. G. and William Robinson. Wildlife Ecology and Management, 5th ed. New Jersey: Benjamin Cummings/Pearson, 2003
Electronic Materials	Multiple Senior Contributing Authors. OpenStax Essential Biology is licensed under a Creative Commons Attribution 4.0 International (CC BY) license prepared by Rice University., ed. OpenStax Rice University, 2019
Other Learning Materials	

عبدالمطعم بن عبدالمعز بن يوسف بن عبد الله بن حمد بن الناصر

2. Educational and Research Facilities and Equipment Required:

Items	Resources
facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classroom
Technology equipment (Projector, smart board, software)	Projector, smart board
Other equipment (Depending on the nature of the specialty)	

عبدالمطعم بن عبدالمعز بن يوسف بن عبد الله بن حمد بن الناصر

F. Assessment of Course Quality:

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect
Effectiveness of students assessment	Faculty	Direct



Assessment Areas/Issues	Assessor	Assessment Methods
Quality of learning resources	Faculty	Direct
The extent to which CLOs have been achieved	Faculty	Direct
Other		

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

Assessment Methods (Direct, Indirect)

G. Specification Approval Data:

-	BIOLOGY DEPARTMENT COUNCIL
REFERENCE NO.	23
DATE	23/8/1445

