اعتماد
NCAAA
T4
2020

Course Specifications

Course Title:	Fauna of Saudi Arabia
Course Code:	2014205-3
Program:	Bachelor in Zoology
Department:	Biology Department
College:	College of Sciences
Institution:	Taif University

Table of Contents

A. Course Identification

1. Credit hours:	3 hr

2. Course type
a. University ☐ College ☐ Department √ Others ☐
b. Required √ Elective ☐

3. Level/year at which this course is offered:	12th level / 4th year

4. Pre-requisites for this course (if any): Vertebrates (2013204-3)

5. Co-requisites for this course (if any): None

6. Mode of Instruction (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	6 hr/Week	100%
2	Blended	-	-
3	E-learning	-	-
4	Distance learning	-	-
5	Other	-	-

7. Contact Hours (based on academic semester)

No	Activity	Contact Hours
1	Lecture	30
2	Laboratory/Studio	30
3	Tutorial	-
4	Others (specify)	-
	Total	60

B. Course Objectives and Learning Outcomes

1. Course Description:

This course deals with studying the characteristics of biomes as well as ecological and geographical regions of KSA, to define the main ecosystem components of KSA, to identify the invertebrate and vertebrate fauna of KSA (distribution, abundance and characteristics).

2. Course Main Objective:

The course covers items related to identify the common invertebrate and vertebrate fauna of KSA as well as their ecological and geographical regions.

3. Course Learning Outcomes

CLOs		Aligned PLOs
1	**Knowledge and Understanding:**	
1.1	Recognize facts, principles and scientific terminology of taxonomy of the animal kingdom.	K1

	CLOs	Aligned PLOs
1.2	Classify different animal groups common in the Kingdom of Saudi Arabia.	K2
2	**Skills:**	
2.1	Investigate scientific problems related to animal conservation and biodiversity protection.	S2
2.2	Utilize basic concepts of biodiversity in economic and environmental approaches.	S3
3	**Values:**	
3.1	Appraise initiatives in professional planning for continuous learning and specialized work.	V3

C. Course Content

No	List of Topics	Contact Hours
1	**Unit 1: Ecological and geographical regions** Introduction. Ecological and geographical regions of KSA.	3L+3P
2	**Unit 2: Marine Fauna** Marine ecosystems of KSA and aquatic organisms. Bony and cartilaginous fish.	3L+3P
3	Marine reptiles (Turtles and snakes).	3L+3P
4	Marine mammals and aquatic birds of KSA.	3L+3P
5	**Unit 3: Freshwater Fauna** Freshwater habitats of KSA.	3L+3P
6	Freshwater fish of KSA. Freshwater amphibians of KSA.	3L+3P
7	**Unit 4: Terrestrial Fauna** Terrestrial turtles of KSA.	3L+3P
8	Terrestrial Reptiles of KSA.	3L+3P
9	Terrestrial mammals of KSA.	3L+3P
10	Birds of KSA.	3L+3P
Total		**30L+30P**

D. Teaching and Assessment

1. Alignment of Course Learning Outcomes with Teaching Strategies and Assessment Methods

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
1.0	**Knowledge and Understanding:**		
1.1	Recognize facts, principles and scientific terminology of taxonomy of the animal kingdom.	Lecture Cooperative learning	Paper-based exams
1.2	Classify different animal groups common in the Kingdom of Saudi Arabia.	Lecture Concept maps	Paper-based exams
2.0	**Skills:**		

Code	Course Learning Outcomes	Teaching Strategies	Assessment Methods
2.1	Investigate scientific problems related to animal conservation and biodiversity protection.	Cooperative learning Brain storming	Paper-based exams
2.2	Utilize basic concepts of biodiversity in economic and environmental approaches.	Lectures Open discussion	Practical reports Practical exam
3.0	**Values:**		
3.1	Appraise initiatives in professional planning for continuous learning and specialized work.	Open discussion Small group activities	Practical exam Assignments

2. Assessment Tasks for Students

#	Assessment task*	Week Due	Percentage of Total Assessment Score
1	Assignments and activities: 1- Written Assignment 2- Power-point presentation	Variable	10
2	Midterm Exam	5th	20
3	Periodic Exam	7th	10
4	Practical Reports	Continuous	15
5	Final Practical Exam	11th	5
6	Final Exam	12th	40

Assessment task (i.e., written test, oral test, oral presentation, group project, essay, etc.)

E. Student Academic Counseling and Support

Arrangements for availability of faculty and teaching staff for individual student consultations and academic advice:

6 hours per week (as defined in the teaching schedule of the faculty member) for academic advice and consultations.

Teaching staff is also available using Blackboard web site and Taif University "Edugate" System.

F. Learning Resources and Facilities

1. Learning Resources

Required Textbooks	- Buttiker, W. and Krupp, F. (1994). Fauna of Saudi Arabia. Natural History Museum, Basel, Switzerland, NCWCD Publications, 454 pp. - عبداللطيف بن حمود النافع (٢٠١٨). جغرافية الحيوانات البرية في المملكة العربية السعودية، مكتبة المتنبي، المملكة العربية السعودية.
Essential References Materials	- James Kavanagh (2010). Middle East Wildlife. Waterford Press, ISBN: 978-1583555552
Electronic Materials	Blackboard website Website of Saudi digital Library

Other Learning Materials	Digital programs and professional software

2. Facilities Required

Item	Resources
Accommodation (Classrooms, laboratories, demonstration rooms/labs, etc.)	- Classrooms for 40 students\lecture. - Laboratory for 20 students\ lab activity
Technology Resources (AV, data show, Smart Board, software, etc.)	- Data show.
Other Resources (Specify, e.g. if specific laboratory equipment is required, list requirements or attach a list)	- Preserved samples

G. Course Quality Evaluation

Evaluation Areas/Issues	Evaluators	Evaluation Methods
Effectiveness of teaching and assessment	Students	Indirect
Quality of learning resources	Peer Reviewer Students	Direct Indirect
Extent of achieving the course learning outcomes	Peer Reviewer Students	Direct Indirect

Evaluation areas (e.g., Effectiveness of teaching and assessment, Extent of achievement of course learning outcomes, Quality of learning resources, etc.)
Evaluators (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)
Assessment Methods (Direct, Indirect)

H. Specification Approval Data

Council / Committee	**Biology Department**
Reference No.	**Committee number 14 - Academic Year 1442-1443H**
Date	**22\5\2022G – 21\10\1443H**

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