

نموذج توصيف مقرر
Course Description Form

Name of College\Faculty :

Sciences

اسم الكلية:

Name of Department:

Biological Sciences – Animal Biology Program

اسم القسم العلمي:

Course Name	Fauna of Kuwait حيوانات بيئة الكويت	اسم المقرر
Course No.	0493 –308	رقم المقرر
No. of Credits	3	عدد الوحدات
Theoretical Hours	3	عدد الساعات النظرية
Practical Hours	0	عدد الساعات العملية

Course topics

مواضيع المقرر

1. Introduction: Faunal biodiversity
2. Natural History and early documentation of Kuwait's faunal wildlife
3. Geography and climate of Kuwait
4. Insects of Kuwait
5. Marine invertebrates of Kuwait
6. Fish of Kuwait
7. Reptiles and amphibians of Kuwait
8. Birds of Kuwait
9. Mammals of Kuwait
10. Threats to animal wildlife of Kuwait
11. Laws and legislations on animal conservation in Kuwait
12. Field studies and on site documentation of fauna in Kuwait

Text book: (Name, Author , Year , Publisher)

عنوان الكتاب : (الاسم ، المؤلف ، سنة الطبع ، دار النشر)

- **Conservation directory of the birds of Kuwait.** By Shobrak, Mohammed and Al-Sirhan, AbdulRahman. 2022. IUCN, Regional Office for West Asia (ROWA). Gland: IUCN; Kuwait: Environment Public Authority. 428p.

- **Field guide to the common insects of the State of Kuwait.** Katbeh-Bader, Ahmad; Amr, Zuhair S.; Marafi, Mohammad A.J. 2022. IUCN, Regional Office for West Asia (ROWA). Gland: IUCN; Kuwait: Environment Public Authority. 138p.
- **Mammals of the State of Kuwait.** Abu Baker, Mohammad A., Buhadi, Yousef A., Alenezi, Abdulrahman Al-Sirhan, Amr, Zuhair S. 2022. IUCN, Regional Office for West Asia (ROWA). Gland: IUCN; Kuwait: Environment Public Authority. 88p.
- **Reptiles and amphibians of the State of Kuwait.** Amr, Zuhair S., Alenezi, Abdulrahman Al-Sirhan, Al-Zaidan, Amani S.Y., Abu Baker, Mohammad A. 2022. IUCN, Regional Office for West Asia (ROWA). Gland: IUCN; Kuwait: Environment Public Authority. 138p.
- **Fishes of the State of Kuwait.** Al-Zaidan, Amani S.Y. 2022. IUCN, Regional Office for West Asia (ROWA). Gland: IUCN; Kuwait: Environment Public Authority. 140p.

References: (Name , Author , Year . Publisher)

عنوان المرجع : (الاسم ، المؤلف ، سنة الطبع ، دار النشر)

Prerequisites:

Animal Diversity (I) 0493-205 + Animal Diversity (II) 0493-206 or 201 + completion of 90 credits

متطلبات المقرر

Grading	Exams	30	%		الاختبارات	آلية رصد المقرر
	Quizzes	5	%		امتحانات قصيرة	
	H.W.	10	%		واجبات	
	Project (field study)	15	%		مشاريع (دراسة ميدانية)	
	Final	40	%		الاختبار النهائي	
	100 %					

Course objectives

No.	Course Objectives (Learning Outcomes)	Example(s) of relevant (Topics and activities)	Recommended Level to satisfy the objectives		
			High	Medium	Low
1	Demonstrate a comprehensive understanding of the term biodiversity and relate its core concept to the principles of environmental stewardship.	Definition of term "Fauna", History and Etymology for fauna; current use of the term Fauna and its modifications; Importance of Fauna; Fauna in the Quran. Origin of the term Biodiversity, definition, biodiversity in Islam, levels of biodiversity.	✓		



2	Describe the methods used for surveying, monitoring and documentation of Kuwait's fauna based on taxonomic rank.	Standard monitoring methods of mammals. Extant and extinct mammalian taxa of Kuwait. Classification, taxonomy, diagnosis and biology, zoogeography, records in Kuwait, habitat, IUCN status.	✓		
3	Identify the major threats to fauna of Kuwait and IUCN status of its wildlife.	Pollution, urban expansion and habitat destruction, climate change, over exploitation and invasive species, trade, disturbance, hunting.	✓		
4	Familiarise with the national/regional/international laws, treaties and practices adopted by legislators to protect Kuwait's Natural wildlife.	International treaties and conventions (CBD, CITES, BASEL, CMS, IMO, IOFC, UNCLOS, UNFCCC, etc.), national laws (PAAFR, EPA, ROPME).		✓	
5	Formulate a scientifically-grounded monitoring protocol to assess key wildlife species in Kuwait.	Visit a nature reserve: appropriate methodology, systematic sampling schedule and logistic constraints.	✓		
Fields					
Skills					
Coordinator (Name and Rank) :		Jazi Alenezi (Assist. Prof.) & Amani S. Alzaidan (Assist. Prof.)			
Signature and stamp :		د. جازي مهدي العنزي قسم العلوم البيولوجية د. أماني ساليمة الزيدان Dr. Amani S. Al-Zaidan كلية العلوم - قسم العلوم البيولوجية Dep. of Biological Sciences			
Date:		09 \ 11 \ 2025			