



Jordan University of Science and Technology
Faculty of Veterinary Medicine
Veterinary Medicine And Surgery Department

VM579 Exotic And Marine Animal Medicine

Second Semester 2023-2024

Course Catalog

1 Credit Hours. This course is divided into two parts: aquaculture & exotic animal medicine. Each part will start with an introduction. The aquaculture part will discuss the status and future of aquaculture in Jordan and proceed to show how fish reproduce and grow, then will directly describe how veterinarians perform antemortem and post-mortem inspection of fish, and how to keep a high biosecurity standard in aquacultures. This part will be concluded by presenting some of the major components of a national strategy for preventing and controlling fish diseases. The second part of the course will cover exotic medicine of rabbits, birds, tortoises and turtles, snakes, and big cats.

Teaching Method: Electronic Course

Text Book

Title	Exotic animal medicine: A quick reference guide.
Author(s)	Lance Jepson.
Edition	2nd Edition
Short Name	Ref #1
Other Information	2016, Elsevier Ltd.

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref#2	FAO, 2015. Global Aquaculture Production.	FAO	1st Edition	Available: http://www.fao.org/fishery/statistics/global-aquaculture-production/en .

Instructor

Name	Dr. Mohammad Al Sabi
Office Location	G1 L1
Office Hours	
Email	mnalsabi@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: Mon : 18:00 - 19:00 Room: متزامن الحضور منصة الكترونية

Prerequisites		
Line Number	Course Name	Prerequisite Type
664000	VM400 Clinical Application And Integration Of Basic Veterinary Sciences2	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Introduction to Aquacultures & the status of aquaculture in Jordan	From Ref#2
Week 2	Fish reproduction and growth	From Ref#2
Weeks 3, 4, 5	Veterinary inspection of fish	From Ref#2
Weeks 6, 7	Biosecurity in aquacultures	From Ref#2
Week 8	Components of a national strategy for preventing and controlling fish diseases	From Ref#2
Weeks 9, 10	Exotic animal medicine: Rabbits	From Ref #1
Week 11	Exotic animal medicine: Birds	From Ref #1
Week 12	Exotic animal medicine: Reptiles	From Ref #1
Week 13	Exotic animal medicine: Tortoises and Turtles	From Ref #1
Week 14	Exotic animal medicine: Snakes	From Ref #1
Weeks 15, 16	Exotic animal medicine: Big cats	From Ref #1

Mapping of Course Outcomes to Program Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
To learn about the background knowledge behind the role of veterinarians in aquaculture and exotic animal medicine.	10%	
To learn the major diseases affecting fish and exotic animals.	30%	
To learn the treatment plans for diseased fish and exotic animals.	20%	
To inspect an aquaculture and exotic animals.	10%	
To prepare reports on diseased fish and exotic animals.	10%	
To prescribe drugs and treatment plans for diseased fish and exotic animals.	10%	
To make decisions concerning treatment plans and implement adjustments to biosecurity practices in aquacultures.	10%	

Relationship to Program Student Outcomes (Out of 100%)									
1	2	3	4	5	6	7	8	9	10

Evaluation	
Assessment Tool	Weight
Quiz 1	3%

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