



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

VM211 Animal Health (Not For Veterinary Medical And Agriculture Students)

Summer Semester 2019-2020

**Course Catalog**

3 Credit Hours. This course is designed to give basic knowledge about zoonoses, animal breeds, behavior, reproduction, productivity, animal transportation, drug additives and management of sick animals. Domestic animal vaccination programs, methods of cleaning and disinfecting farms after an outbreak of infectious disease as well as handling of sick animals and their by-products to reduce contamination and transmission of diseases.

**Text Book**

<b>Title</b>	Scientific Farm Animal Production, Handouts Prepared by the instructor.
<b>Author(s)</b>	Robert E. Taylor Macmillan 2000 Fourth, The Merck Veterinary Manual, 7th edition, 2000
<b>Edition</b>	4th Edition
<b>Short Name</b>	Handouts Prepared by the instructor and Scientific Farm Animal Production An introduction to Animal science
<b>Other Information</b>	

**Instructor**

<b>Name</b>	<b>Prof. Shawkat Hailat</b>
<b>Office Location</b>	G1L2
<b>Office Hours</b>	Sun : 08:00 - 10:00 Mon : 08:00 - 10:00 Tue : 11:30 - 12:30 Wed : 11:30 - 13:30
<b>Email</b>	shqalafi@just.edu.jo

**Class Schedule & Room**

Section 1:  
Lecture Time: Sun, Mon, Tue, Wed : 10:00 - 11:30  
Room: منصة الكترونية

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	Introduction and definition of health and disease. Types and patterns of diseases, disease course, diseases causative agents, prevention and eradication. Herd health, methods of disease transmissions, herd immunity.	
Weeks 3, 4, 5	Zoonotic diseases; bacterial, viral and parasitic diseases	
Weeks 6, 7	Animal behavior, Animal breeds (camels, cattle, swine, horses, sheep & goats).	
Week 8	Vaccines and vaccination programs of domestic animals	
Weeks 9, 10	Reproduction and management in pet animals (cats & dogs)	
Week 11	Plant and chemical poisoning (pesticides, fungicides? etc).	
Weeks 12, 13	Antibiotics, hormones and drug residues in meat milk and their products	
	Animal handling and transportation	
Week 15	Visit to the University Animal farms and the Veterinary Health Center	

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Introduction and definition of health and disease. Types and patterns of diseases, disease course, diseases causative agents, prevention and eradication. Herd health, methods of disease transmissions, herd immunity.	20%	
Zoonotic diseases; bacterial, viral and parasitic diseases.	20%	
Animal behavior, Animal breeds (camels, cattle, swine, horses, sheep & goats).	20%	
Vaccines and vaccination programs of domestic animals. Reproduction and management in pet animals (cats & dogs)	20%	
Plant and chemical poisoning (pesticides, fungicides? etc). Antibiotics, hormones and drug residues in meat milk and their products Animal handling and transportation	20%	

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

Evaluation	
Assessment Tool	Weight

30	30%
Second Examination	30%
Final Examination	40%

<b>Policy</b>	
Cheating	University regulations will be applied
Attendance	University regulations will be applied
Make-up examinations	University regulations will be applied

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