



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

VM225 Veterinary Immunology

First Semester 2021-2022

Course Catalog

3 Credit Hours. There will be a major emphasis on studying the basic information related to the components, development, and general information about the immune responses in health and diseases.

Text Book

Title	Immunobiology
Author(s)	Kenneth Murphy, Casey Weaver
Edition	9th Edition
Short Name	Immunobiology
Other Information	

Instructor

Name	Prof. Mohammad Khalifeh
Office Location	G1-L3
Office Hours	
Email	mskn@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Mon : 10:00 - 11:30
Room: NB53

Section 2:
Lecture Time: Wed : 10:00 - 11:30
Room: NB53

Prerequisites		
Line Number	Course Name	Prerequisite Type
912620	CHEM262 Biochemistry	Prerequisite / Study
661021	VM102 Animal Breeding And Molecular Genetics	Prerequisite / Study
661220	VM122 Animal Physiology 1	Prerequisite / Study

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4	Introduction to the main concepts of the immune system	
Weeks 4, 5, 6	Innate immunity	
Weeks 6, 7	Antigen Processing and Presentation	
Weeks 8, 9, 10	Antigen nature and recognition	
Weeks 10, 11	Cell mediated immune responses	
Weeks 12, 13	Humoral immune response	
Weeks 14, 15	Mucosal immunology and immunological memory	
Weeks 15, 16	Immune responses in health and diseases	

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

Policy	
Introduction	Topics Included: Basic Concepts in Immunology, history, cells of the immune system, organs of the immune system, cytokines

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