



Jordan University of Science and Technology
Faculty of Applied Medical Sciences
Allied Medical Sciences Department

LM746 Special Topics In Medical Immunology - JNQF Level: 9

First Semester 2024-2025

Course Catalog

3 Credit Hours. This course is designed to provide graduate students with current advanced topics in medical immunology using detailed comprehensive lectures and discussions. The main objective of this course is to increase students' knowledge in many updated selected aspects and issues of medical immunology. In addition, the course will include oral presentations to improve students' skills. All presented topics will undergo in-class discussions.

Teaching Method: On Campus

Text Book

Title	Clinical Immunology: Principles and Practice
Author(s)	Robert R. Rich, Thomas A. Fleisher, ... Jennifer M. Puck
Edition	6th Edition
Short Name	Ref 1
Other Information	

Instructor

Name	Prof. Mamdoh Harahsha
Office Location	M5L4
Office Hours	Sun : 12:00 - 14:00 Mon : 11:00 - 13:00 Tue : 11:00 - 13:00 Wed : 11:00 - 13:00
Email	meqdam@just.edu.jo

Class Schedule & Room

Section 1:

Lecture Time: Mon : 13:00 - 16:00

Room: M3303

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2, 3	Host Defenses to Infectious Agents	From Ref 1
Weeks 4, 5	Vaccines	From Ref 1
Weeks 6, 7	Immunodeficiency	From Ref 1
Week 8	Hypersensitivity	
Week 9	Systemic Autoimmune Diseases	From Ref 1
Weeks 10, 11	Organ-Specific Autoimmune Diseases	From Ref 1
Week 12	Cancer Immunology	
Week 13	Transplantation	
Weeks 14, 15	Latest developments in immunological techniques	From Ref 1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Present the latest developments in the field of medical immunology. [1MSLO5] [1L9K1]	20%	Seminar, Midterm, Final
Critique the rationale, methodology and results of up-to-date research articles. [1MSLO6] [1L9K2]	20%	Seminar, Midterm, Final
Review the latest evidence in literature related to special topics in medical immunology. [1MSLO1] [1L9S2]	20%	Seminar, Midterm, Final
Design studies to address gaps in knowledge in the field of medical immunology. [1MSLO6] [1L9C5]	20%	Seminar, Midterm, Final
Weigh the impact of the latest research results on new clinical applications in the field of clinical immunology. [1MSLO5] [1L9C4]	20%	Seminar, Midterm, Final

Relationship to Program Student Outcomes (Out of 100%)

SLO1	SLO2	SLO3	SLO4	SLO5	SLO6	MSLO1	MSLO2	MSLO3	MSLO4	MSLO5	MSLO6
						20				40	40

Relationship to NQF Outcomes (Out of 100%)				
L9K1	L9K2	L9S2	L9C4	L9C5
20	20	20	20	20

Evaluation	
Assessment Tool	Weight
Seminar	20%
Midterm	30%
Final	50%

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