



مركز الاعتماد  
وإضمان الجودة  
ACCREDITATION & QUALITY ASSURANCE CENTER



**The University of Jordan**

**Accreditation & Quality Assurance Center**

## **COURSE Syllabus**

### **Course Name**

Introduction to Medical Immunology

1	Course title	Medical Immunology
2	Course number	0504307
3	Credit hours (theory, practical)	2 hours theory
	Contact hours (theory, practical)	2 hours theory
4	Prerequisites/corequisites	Passing successfully Second Year of Study Program
5	Program title	Doctor of Medicine
6	Program code	
7	Awarding institution	University of Jordan
8	Faculty	Medicine
9	Department	Pathology, Microbiology & Forensic Medicine
10	Level of course	Undergraduate
11	Year of study and semester(s)	2016-2017 First Semester
12	Final Qualification	M. D. ( Doctor of Medicine )
13	Other department(s) involved in teaching the course	Department of Pharmacology
14	Language of Instruction	English
15	Date of production/revision	Nov.2016

#### 16. Course Coordinator:

Dr. Hassan Abualragheb,  
Office number 212,  
Office hours 10.00 – 12.00 AM,  
Tel ++962 6 5355000 Ext. 23495,  
E.mail [har1947@ju.edu.jo](mailto:har1947@ju.edu.jo)

#### 17. Other instructors:

Dr. Malik Zihlif, Tel. ++962 6 5355000 Ext. 23464, E.mai: [lm.zihlif@ju.edu.jo](mailto:lm.zihlif@ju.edu.jo)

#### 18. Course Description:

This course is intended to introduce basic and essential understanding of the human immune system, its normal function together with diseases that are the result of immune system dysfunction and their treatment.



**20. Topic Outline and Schedule:**

Topic	Week	Instructor	Achieved ILOs	Evaluation Methods	Reference
1. Introduction. Cells and tissues of the immune system	ONE	Dr. Hassan Abualragheb			
2. Cells and tissues of the immune system	ONE	Dr. Hassan Abualragheb			
3. Innate immunity	TWO	Dr. Hassan Abualragheb			
4. Antigens	TWO	Dr. Hassan Abualragheb			
5. Immuno-globulins	THREE	Dr. Hassan Abualragheb			
6. Immuno-globulins	THREE	Dr. Hassan Abualragheb			
7. Complement and serological reactions.	FOUR	Dr. Hassan Abualragheb			
8. Complement and serological reactions.	FOUR	Dr. Hassan Abualragheb			
9. Complement and serological reactions	FIVE	Dr. Hassan Abualragheb			
10. MHC	FIVE	Dr. Hassan Abualragheb			
11. Development of T and B lymphocytes	SIX	Dr. Hassan Abualragheb			
12. Generation of the immune response	SIX	Dr. Hassan Abualragheb			
13. Generation of the immune response	SEVEN	Dr. Hassan Abualragheb			
14. Generation of the immune response	SEVEN	Dr. Hassan Abualragheb			
15. Tolerance & autoimmunity	EIGHT	Dr. Hassan Abualragheb			
16. Tolerance & autoimmunity	EIGHT	Dr. Hassan Abualragheb			

17. Tolerance & autoimmunity	NINE	Dr. Hassan Abualragheb			
18. Hypersensitivity	NINE	Dr. Hassan Abualragheb			
19. Hypersensitivity	TEN	Dr. Hassan Abualragheb			
20. Immuno-haematology	TEN	Dr. Hassan Abualragheb			
21. Trans-plantation	ELEVEN	Dr. Hassan Abualragheb			
22. Immuno-deficiency	ELEVEN	Dr. Hassan Abualragheb			
23. Immuno-deficiency	TWELVE	Dr. Hassan Abualragheb			
24. Tumour immunology	TWELVE	Dr. Hassan Abualragheb			
25. Revision	THIRTEEN	Dr. Hassan Abualragheb			
26. Immuno-modulatory drugs	THIRTEEN	Dr. Malik Zihlif			
27. Immuno-modulatory drugs	FOURTEEN	Dr. Malik Zihlif			
28. Immuno-modulatory drugs	FOURTEEN	Dr. Malik Zihlif			

**21. Teaching Methods and Assignments:**

Development of ILOs is promoted through the following teaching and learning methods:

Lectures

**22. Evaluation Methods and Course Requirements:**

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Multiple choice question MID-EXAM. ( 40% )

Multiple choice question FINAL-EXAM. ( 60% )

**23. Course Policies:**

A- Attendance policies:

Regular checking for attendance of lectures

B- Absences from exams and handing in assignments on time:

Repeat exams are carried out for absent students with a valid excuse.

C- Health and safety procedures:

Not applicable

D- Honesty policy regarding cheating, plagiarism, misbehavior:

These are not tolerated with suitable punishment applied.

E- Grading policy:

Letter grading : A, A-, B+, B, B-, C+, C, C-, D+, D, D-, F.

F- Available university services that support achievement in the course:

Libraries. Computer labs.

**24. Required equipment:**

NONE

**2<sup>o</sup>. References:**

A- Required book (s), assigned reading and audio-visuals:

B- Recommended books, materials, and media:

1. Medical Immunology. Edit. YG Parslow, DP Stites, AI Terr and JB Imboden. Lange Publishers. Latest edition.

2. Immunology. T Doan, R Melvold, S Viselli, C Waltenbaugh. Lippincott Williams & Wilkins Publishers. Latest Edition.

**2<sup>o</sup>. Additional information:**

NONE

Name of Course Coordinator: -----Signature: ----- Date: -----

Head of curriculum committee/Department: ----- Signature: -----

Head of Department: ----- Signature: -----

Head of curriculum committee/Faculty: ----- Signature: -----

Dean: ----- -Signature: -----

Copy to:

Head of Department  
Assistant Dean for Quality Assurance  
Course File