



مركز الاعتماد  
وَضْمَانِ الجُودَةِ  
ACCREDITATION & QUALITY ASSURANCE CENTER



**The University of Jordan**

**Accreditation & Quality Assurance Center**

## **Course Syllabus**

### **Course Name:**

Introduction to Microbiology

1	Course title	Introduction to Microbiology
2	Course number	504204
3	Credit hours (theory, practical)	3
	Contact hours (theory, practical)	
4	Prerequisites/corequisites	None
5	Program title	Doctor of Medicine
6	Program code	
7	Awarding institution	The University of Jordan
8	Faculty	Faculty of Medicine
9	Department	Department of Pathology-Microbiology & Forensic Medicine.
10	Level of course	2 <sup>nd</sup> Year
11	Year of study and semester (s)	1 <sup>st</sup> Semester 2 <sup>nd</sup> Year
12	Final Qualification	
13	Other department (s) involved in teaching the course	
14	Language of Instruction	English
15	Date of production/revision	26/10/2016

**16. Course Coordinator:**

Dr. Asem A. Shehabi  
Office number: 23448  
office hours

<b>Office hours</b>					
<b>Day/Time</b>	<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesda y</b>	<b>Thursda y</b>
	<b>11-12</b>			<b>12-1</b>	

email: [ashehabi@ju.edu.jo](mailto:ashehabi@ju.edu.jo)

**17. Other instructors:**

Dr.HassanAbu Al-Ragheb  
Dr. Ashaf Khasaweneh

**18. Course Description:**

*This course is intended to introduce basic and important characteristics of normal body flora, microorganisms causing human infection as well as how to diagnose and control their diseases.*

**19. Course aims and outcomes:**



<p>3- Part:- Spore forming anaerobes bacilli ,Aanaerobic Gram-negative bacilli , Mycobacteri, Spirochetes, Chlamydia, Mycoplasma , Legionella, Rickettsiae</p> <p>Fungi:</p> <ul style="list-style-type: none"> <li>- General Characteristics</li> <li>- Classification</li> <li>- Agents of superficial Infections</li> <li>- Agents of subcutaneous Infections</li> <li>- Agents of systemic Infections</li> <li>- Opportunistic fungi</li> </ul>	<p>2 week 4 Lectures</p> <p>2 week 4 Lectures</p>				
<p><b>Homework:- Assign your team and project, -Write proposal about your project</b></p>	<p><b>Due date:5<sup>th</sup> week</b></p>				
<p><b>Parasitology:</b> <b>Introduction and Classification Protozoa:</b> Ameba, Flagellates Sporozoa, Ciliates <b>Helminthes:</b> general features and life cycles. Nematodes-intestinal, Tissue, Cestodes, Trematodes <b>Arthropods</b> <b>Virology</b> - general characteristics and classification - Viral Replication - Viral genetics cultivation of viruses and their laboratory diagnosis - Antiviral agents - Pathogenesis of viral infections - Immunity to viral infections</p> <p><b>DNA Viruses</b></p>	<p>2 Week 4 Lectures</p> <p>1 Week 2 lectures</p> <p>10 Weeks 10 lectures</p>	<p>Dr.Hassan Abu Al-Ragheb</p>			



D- Honesty policy regarding cheating, plagiarism, misbehavior:

E- Grading policy:

0-39	F
45-49	D
50-54	D
54-69	D+
60-64	C
65-69	C
70-73	C+
74-76	B
77-80	B
81-84	B+
85-89	A
90-100	A

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

#### 24. Required equipment:

#### 25. References:

##### **1-Medical Microbiology, 18<sup>th</sup> Edition**

Edited by David Green Wood & Others Publisher: Churchill Livingstone

##### **2-Jawetz Medical Microbiology, 23<sup>rd</sup> Edition**

Edited by Geo.F. Brooks & others Publisher: A Lange Medical Book

##### **Additional References:**

3- Medical Microbiology Teaching Websites

#### 26. Additional information:

Concerns or complaints should be expressed in the first instance to the module lecturer; if no resolution is forthcoming, then the issue should be brought to the attention of the module coordinator (for multiple sections) who will take the concerns to the module representative meeting. Thereafter, problems are dealt with by the Department Chair and if still unresolved the Dean and then ultimately the Vice President. For final complaints, there will be a committee to review grading the final exam.

For more details on University regulations please visit:

<http://www.ju.edu.jo/rules/index.htm>

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

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

Head of Department: Prof.Abdelkader Battah Signature: -----

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

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

Copy to:

Head of Department  
Assistant Dean for Quality Assurance  
Course File