



Jordan University of Science and Technology
Faculty of Pharmacy
Doctor Of Pharmacy (Pharm D.) Department

PHMD543 Therapeutics- Infectious Diseases (For Pharm D Students) - JNQF Level: 7

First Semester 2023-2024

Course Catalog

2 Credit Hours. The course discusses concepts of therapeutic uses, goals of treatment, therapeutic plans, patient counseling, drug monitoring, and evaluation of therapeutic outcomes in infectious diseases. It focuses on how to provide the best empiric therapy plan and how to follow up on this plan. The course aims to improve students' ability to identify and critically assess the relevant factors for the management of patients with infectious diseases.

Text Book

Title	Pharmacotherapy Principles and Practice
Author(s)	Chisholm-Burns et al
Edition	6th Edition
Short Name	Ref # 1
Other Information	

Instructor

Name	Prof. Basima Almomani
Office Location	-
Office Hours	
Email	baalmomani1@just.edu.jo

Class Schedule & Room

Section 1:
 Lecture Time: Sun, Tue : 10:30 - 11:30
 Room: SOUTH HALL

Section 2:
 Lecture Time: Sun, Tue : 12:30 - 13:30
 Room: P1102

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2	Patient Assessment, Antimicrobial Selection, and Stewardship	Chapter # 72 From Ref # 1
Weeks 2, 3	Upper respiratory tract infections	Chapter # 75 From Ref # 1
Weeks 4, 5	Lower respiratory tract infections	Chapter # 74 From Ref # 1
Weeks 5, 6	Urinary tract infections	Chapter # 82 From Ref # 1
Week 7	Superficial fungal infections	Chapter # 85 From Ref # 1
Weeks 8, 9	CNS Infections	Chapter # 73 From Ref # 1
Weeks 9, 10	Sepsis and septic shock	Chapter # 84 From Ref # 1
Weeks 11, 12	Skin and skin structure infections	Chapter # 76 From Ref # 1
Weeks 12, 13	Osteomyelitis	Chapter # 77 From Ref # 1

Week 14	Gastrointestinal Infections- C. difficile	Chapter # 80 From Ref # 1
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Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Identify the epidemiology, etiology, pathophysiology, signs/symptoms, pathophysiology, clinical presentation, and laboratory/microbiology/ diagnostics of infectious diseases [1PLO1.1] [1L7K1]	30%	
Design the most appropriate therapeutic plan for each condition utilizing evidence-based medicine. [1PLO3.1] [1L7S3]	45%	
Prepare monitoring and follow-up plan to evaluate the efficacy and safety of therapy [1PLO2.1] [1L7S2]	15%	
Illustrate patient education concepts about medication use and disease status. [1PLO3.2] [1L7C3, 1L7C4]	10%	

Relationship to Program Student Outcomes (Out of 100%)															
PLO1.1	PLO2.1	PLO2.2	PLO2.3	PLO2.4	PLO3.1	PLO3.2	PLO3.3	PLO3.4	PLO3.5	PLO3.6	PLO4.1	PLO4.2	PLO4.3	PLO4.4	PLO5.1
30	15				45	10									

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S2	L7S3	L7C3	L7C4
30	15	45	5	5

Evaluation	
Assessment Tool	Weight
First exam	25%
Second exam	25%
Final exam	40%
Active learning	10%

Policy	
Exams	The format for the exams is generally (but NOT always) in the form of multiple-choice questions. Grades will not be given out via e-mail.
Cheating	The commitment of the acts of cheating and deceit such as copying during examinations, altering examinations for re-grade, plagiarism of homework assignments, and in any way representing the work of others as your own is dishonest and will not be tolerated. Standard JUST policy will be applied المادة 7: إذا ضُبط الطالب أثناء الامتحان أو الاختبار متلبساً بالغش فتوقع عليه العقوبات التالية مجتمعة: أ- اعتباره راسياً في ذلك الامتحان أو الاختبار. ب- الغاء تسجيله في بقية المساقات المسجل لها في ذلك الفصل. ج- فصله من الجامعة لمدة فصل دراسي واحد، و هو الفصل التالي للفصل الذي ضبط فيه.
Attendance	? Excellent attendance is expected. ? JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 20% of the classes. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed.
Communicating with Instructors	- Students should communicate through their official JUST emails. Communication through personal email accounts (yahoo, Gmail, Hotmail, etc.) or social media will NOT be accepted, and no response will be provided. - Students are required to check their emails and the E-learning page of the course regularly for announcements and notifications.
Active learning and students participation	- In-class clinical cases, team-based learning activities, paper review, quizzes / assignments, preparing educational materials for patients and brain storming questions. There will be no make up for these activities.
Withdraw	- Last day to drop the course is before the twelve (12th) week of the current semester