



Jordan University of Science and Technology
Faculty of Pharmacy
Pharmacy Department

PHAR707 Clinical Training: Internal Medicine - JNQF Level: 9
First Semester 2024-2025

Course Catalog
1.5 Credit Hours. Four experiential training weeks in the internal medicine department. This includes various activities such as attending morning rounds, detailed evaluation of patient's drug therapy, patients' education, and interprofessional interaction. This course provides the means by which students will extend their clinical knowledge and skills to practice as clinical pharmacists.
Teaching Method: On Campus

Text Book	
Title	Pharmacotherapy principle and practice
Author(s)	Marie Chisholm-Burns et al.
Edition	6th Edition
Short Name	Ref #1
Other Information	Year 2022

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref #2	Pharmacotherapy: A Pathophysiologic Approach	J. Dipiro, R. Talbert et al	12th Edition	Year 2023

Instructor	
Name	Dr. Osama Alshogran
Office Location	P2-L-2
Office Hours	Sun : 09:00 - 10:00 Sun : 10:00 - 11:00 Mon : 09:00 - 11:00 Tue : 13:30 - 14:30 Wed : 09:00 - 10:00
Email	oyalshogran@just.edu.jo

Class Schedule & Room
Section 1: Lecture Time: U : - Room: HOSPITAL

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2, 3, 4	Modern Approaches to Hypertension, Diabetes, Asthma, and COPD Management	Chapters 5 & 43 From Ref #1
Weeks 1, 2, 3, 4	Kidney Disease (Acute/Chronic)	Chapters 25 & 26 From Ref #1
Weeks 1, 2, 3, 4	Electrolytes and Acid-Base Disturbances	Chapters 27 & 28 From Ref #1
Weeks 1, 2, 3, 4	Sickle Cell Anemia	Chapter 68 From Ref #1
Weeks 1, 2, 3, 4	Renal Transplantation	Chapter 55 From Ref #1
Weeks 1, 2, 3, 4	GERD and Peptic Ulcer Disease	Chapters 17 and 18 From Ref #1
Weeks 1, 2, 3, 4	Portal Hypertension and Cirrhosis	Chapter 22 From Ref #1
Weeks 1, 2, 3, 4	Inflammatory Bowel Disease	Chapter 21 From Ref #1
Weeks 1, 2, 3, 4	Upper/lower Respiratory Tract Infections	Chapter 85-86 From Ref #1
Weeks 1, 2, 3, 4	Skin and Soft Tissue Infections	Chapter 88 From Ref #1
Weeks 1, 2, 4	Endocarditis	Chapter 89 From Ref #1
Weeks 1, 2, 3, 4	Urinary Tract Infections and Prostatitis	Chapter 94 From Ref #1
Weeks 1, 2, 3, 4	Venous Thromboembolism	Chapter 9 From Ref #1
Weeks 1, 2, 3, 4	Selected infectious diseases	Selected Chapters From Ref #1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Advance student skills in obtaining medication and medical history to select and recommend optimal drug therapy for individual patients [1PLO1.1][1L9K1]	25%	
Categorize potential drug-related problems through assessing past and current patient's history [1PLO3.3] [1L9S2]	25%	
Apply evidence-based medicine in formulating recommendations and developing comprehensive pharmaceutical care plan [1PLO3.3] [1L9C5]	30%	
Utilize medication therapy management principles to educate patients and caregivers about the appropriate use of medications [1PLO3.2] [1L9C4]	20%	

PLO1.1	PLO2.1	PLO3.2	PLO3.3	PLO2.2	PLO2.3	PLO2.4	PLO3.1	PLO3.4	PLO3.5	PLO3.6	PLO4.1	PLO4.2	PLO4.3	PLO4.4	PLO5.1	PLO-PT1.1	PLO-PT2.1	PLO-PT2.2	PLO-PT3.1
25		20	55																

Relationship to NQF Outcomes (Out of 100%)			
L9K1	L9S2	L9C4	L9C5
25	25	20	30

Evaluation	
Assessment Tool	Weight
Final	100%

Policy	
Attendance	According to JUST Policy: JUST policy requires the faculty member to assign ZERO grade (35) if a student misses > 10% of the rotations days without a validated/accepted excuse. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed
Cheating Policy	Cheating is Prohibited; and in case of cheating the student will be subject to punishment according to the Standard JUST policy will be applied

Date Printed: 2024-10-19