



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

PHMD640 Clinical Training: Internal Medicine 1 (For Pharm D Students) - JNQF Level: 7

Summer Semester 2023-2024

Course Catalog

4 Credit Hours. This training course includes four weeks of supervised experience training in the internal medicine department. Students will participate in a variety of activities throughout this course (clinical Rotation), including attending clinical rounds, discussing clinical cases, educating patients, and communicating with other healthcare practitioners. Students will use their knowledge in therapeutic areas with real-world patient scenarios during their training. In this course, students will learn how to solve therapy-related difficulties and communicate effectively with other healthcare practitioners and patients.

Teaching Method: On Campus

Text Book

Title	Pharmacotherapy: A Pathophysiologic Approach
Author(s)	J. Dipiro, R. Talbert et al
Edition	12th Edition
Short Name	Pharmacotherapy
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
REF#2	Other	Research articles, electronic databases such as Uptodate, Lexicomp, Dynamid and Medscape	1st Edition	

Instructor

Name	Mrs. Batool Shhabat
Office Location	-
Office Hours	Sun : 08:00 - 09:00 Mon : 08:00 - 10:00 Tue : 10:00 - 11:00 Wed : 10:00 - 12:00
Email	bashhabat@just.edu.jo

Class Schedule & Room

Section 1: Lecture Time: U : - Room: HOSPITAL
Section 2: Lecture Time: U : - Room: HOSPITAL
Section 3: Lecture Time: U : - Room: HOSPITAL
Section 5: Lecture Time: U : - Room: HOSPITAL
Section 6: Lecture Time: U : - Room: HOSPITAL
Section 7: Lecture Time: U : - Room: HOSPITAL
Section 8: Lecture Time: U : - Room: HOSPITAL

Tentative List of Topics Covered		
Weeks	Topic	References
Week 1	Asthma	From Pharmacotherapy
Week 2	Chronic Obstructive Pulmonary Disease	From Pharmacotherapy
Week 3	Inflammatory Bowel Disease	From Pharmacotherapy
Week 4	Rheumatoid Arthritis	From Pharmacotherapy
Week 5	Antimicrobial Regimen Selection	From Pharmacotherapy
Week 6	Central Nervous System Infections	From Pharmacotherapy
Week 7	Upper/lower Respiratory Tract Infections	From Pharmacotherapy
Week 8	Skin and Soft Tissue Infections	From Pharmacotherapy
Week 9	Endocarditis	From Pharmacotherapy
Week 10	Tuberculosis	From Pharmacotherapy
Week 11	Gastrointestinal Infections	From Pharmacotherapy
Week 12	Urinary Tract Infections and Prostatitis	From Pharmacotherapy
Week 13	Osteomyelitis	From Pharmacotherapy
Week 14	Sepsis (empirical antimicrobial regimens only)	From Pharmacotherapy
Week 15	Venous Thromboembolism	From Pharmacotherapy
Week 16	Diabetes Mellitus and Hypertension	From Pharmacotherapy

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Utilize tools to independently gather medication histories, physical findings, laboratory tests, and pharmacokinetic data to select and recommend optimal drug therapy for individual patients as necessary. [1PLO1.1][1L7S1, 1L7C2]	20%	
Identify potential drug-related problems through the monitoring of basic pharmacokinetic and pharmacodynamic parameters and assessing past and current patients? histories [1PLO2.1][1L7S2, 1L7C4]	20%	

Apply current drug therapy information from the literature in formulating recommendations and comprehensive pharmaceutical care plan. [1PLO3.1] [1L7S3, 1L7C3]	20%	
Explain to patients and/or caregivers the appropriate use of medications utilizing medication therapy management principles when possible. [1PLO2.1] [1L7C1, 1L7C4]	20%	
Provide counseling and education on the proper use of drugs to patients and/or caregivers, wherever possible, utilizing the principles of medication treatment management. [1PLO3.6] [1L7S2, 1L7C4]	20%	

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
20	40				20					20					

Relationship to NQF Outcomes (Out of 100%)							
L7S1	L7S2	L7S3	L7C1	L7C2	L7C3	L7C4	
10	20	10	10	10	10	30	

Evaluation	
Assessment Tool	Weight
Daily Evaluation	20%
Formal Case Presentation	10%
Quizzes	20%
Final Exam	40%
Oral exam	10%

Policy	
Exams	The format for the exams is generally (but NOT always) Multiple-choice questions. Grades will not be given out via e-mail Makeup exam should not be given unless there is a valid excuse. Arrangements to take an exam at a time different than the one scheduled must be made prior to the scheduled exam time
Drop date	Last day to drop the course is before the twelve (12th) week of the current semester
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 ضبط الطالب أثناء الامتحان أو الاختبار متلبساً بالغش فتوقع عليه العقوبات التالية مجتمعة: أ- اعتباره راسباً 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 grades (35) if a student misses 10% of the classes that are not excused. If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed.

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