



Jordan University of Science and Technology
Faculty of Pharmacy
Pharmacy Department

PHAR704 Therapeutics 2 - JNQF Level: 9

Second Semester 2023-2024

Course Catalog

3 Credit Hours. This course covers the pharmacotherapy cardiovascular, neurological, psychiatric, endocrine, hematological and immunological diseases in relation to the pathophysiologic conditions of the patient. The course discusses concepts of drug action, therapeutic uses, goals of treatment, pharmaceutical care plan, patient counselling, drug monitoring, and evaluation of the therapeutic outcomes. Students learn methods of interacting and supporting other members of the medical care team by developing and evaluating patient's therapeutic plans and offering alternative therapeutic options/plans when needed. The course will provide students with the knowledge necessary for the practice of patient oriented pharmacy.

Teaching Method: On Campus

Text Book

Title	Pharmacotherapy: A Pathophysiologic Approach
Author(s)	Joseph T. DiPiro, Robert L. Talbert, Gary C. Yee, Gary R. Matzke, Barbara G. Wells, L. Michael Posey
Edition	11th Edition
Short Name	Ref #1
Other Information	

Course References

Short name	Book name	Author(s)	Edition	Other Information
Ref # 2	Pharmacotherapy Principles and Practice	Marie A. Chisholm-Burns, Terry L. Schwinghammer, et al	6th Edition	
Ref #3	Pharmacotherapy case book-A patient focused approach	Terry L. Schwinghammer, PharmD, FCCP, FASHP, FAPhA, BCPS.	8th Edition	

Instructor

Name	Prof. Linda Tahaineih
Office Location	P2L1
Office Hours	
Email	tahaineih@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Wed, Thu : 11:30 - 13:00
Room: قاعة الكندي/صيدلة

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction and syllabus distribution	
Week 2	Schizophrenia and Bipolar disease	84 + 86 From Ref #1
Week 3	Substance use disorders	82 From Ref #1

Week 4	Anxiety disorders	87 From Ref #1
Week 5	Pain management	77 From Ref #1
Week 6	Hypertension	6 From Ref # 2
Week 7	Midterm exam	
Week 8	Dyslipidemia	13 From Ref # 2
Week 9	Venous Thromboembolism	13 From Ref # 2
Week 10	Anemia	69 From Ref # 2
Week 11	Diabetes mellitus type I	44 From Ref # 2
Week 12	Diabetes mellitus type II	44 From Ref # 2
Week 13	Thyroid disorders	45 From Ref # 2
Week 14	Solid organ transplant	55 From Ref # 2

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Describe etiology, pathophysiology, signs/symptoms, tests leading to the diagnosis and pharmacology of drug classes used in the management of common various diseases, disorders and medical conditions. [1L9K1, 1L9K2]	25%	
Use current best evidence to determine an optimal therapeutic approach to management of selected disease states [1L9S2, 1L9C1]	50%	
Develop a monitoring and follow up plan to evaluate efficacy and safety of recommended therapeutic approach to management of selected disease states. [1L9S2, 1L9C4]	15%	
Communicate clinically relevant and evidence-based information to patients and other healthcare providers. [1L9C3, 1L9C4]	10%	

Relationship to Program Student Outcomes (Out of 100%)															
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

Relationship to NQF Outcomes (Out of 100%)					
L9K1	L9K2	L9S2	L9C1	L9C3	L9C4
12.5	12.5	32.5	25	5	12.5

Policy	
Course policies	<p>Additional Notes</p> <p>Exams All exams are closed book and notes. The final exam is comprehensive (covers all the material). Exam format is usually essay but MCQs are not unexpected. Incomplete exams need approval from the dean.</p> <p>Cheating Prohibited; and in case of cheating the student will be subject to punishment according to the standard JUST policy. 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:</p> <p>المادة 7: إذا ضبط الطالب أثناء الامتحان أو الاختبار متلبساً بالغش فتوقع عليه العقوبات التالية مجتمعة:</p> <p>أ- اعتباره راسباً في ذلك الامتحان أو الاختبار</p> <p>ب- إلغاء تسجيله في بقية المساقات المسجل لها في ذلك الفصل</p> <p>ج- فصله من الجامعة لمدة فصل دراسي واحد، وهو الفصل التالي للفصل الذي ضبط فيه</p> <p>Attendance ? According to the JUST policy:</p> <p>? JUST policy requires the faculty member to assign ZERO grade (35) if a student misses 20% of the classes that are not excused.</p> <p>? If you miss a class, it is your responsibility to find out about any announcements or assignments you may have missed.</p> <p>Participation is highly encouraged.</p>