



Jordan University of Science and Technology

Faculty of Pharmacy

Pharmacy Department

PHAR560 Therapeutics (3) - JNQF Level: 7

First Semester 2023-2024

Course Catalog

3 Credit Hours. Pharmacotherapy of pediatric and geriatric diseases, and women and men health issues in relation to the pathophysiologic conditions of the patient. Concepts of drug action, therapeutic uses, goals of treatment, therapeutic plan, patient counseling, drug monitoring and evaluation of the therapeutic outcomes. Methods of interacting and supporting other members of the medical care team by developing and evaluating patients therapeutic plans and offering alternative therapeutic options/plans when needed.

Text Book

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

Course References

Short name	Book name	Author(s)	Edition	Other Information
Reference 2	Current Diagnosis & Treatment Pediatrics	William Hay et al	24th Edition	

Instructor

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

Class Schedule & Room

Section 1:
Lecture Time: Sun, Tue, Thu : 12:30 - 13:30
Room: SOUTH HALL

Tentative List of Topics Covered

Weeks	Topic	References
Weeks 1, 2	Pediatric Diseases	Chapter 2 From Reference 1
Week 3	Thalassemia & Sickle cell disease	Pages 909-915 From Reference 2
Week 4	Attention-Deficit/ Hyperactivity Disorder	Chapter 43 From Reference 1
Weeks 4, 5	Pediatric Enuresis	Chapter 53 From Reference 1
Week 6	Geriatric Diseases	Chapter # 1 From Reference 1
Week 7	Osteoporosis	Chapter # 57 From Reference 1
Week 8	Urinary Incontinence	Chapter # 53 From Reference 1
Week 9	Erectile Dysfunction	Chapter # 51 From Reference 1

Weeks 9, 10	Benign Prostatic Hyperplasia	Chapter # 52 From Reference 1
Weeks 11, 12	Pregnancy and Lactation	Chapter # 48 From Reference 1
Weeks 13, 14	Contraception	Chapter # 49 From Reference 1

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Describe the epidemiology, etiology, pathophysiology and clinical presentation (signs, symptoms, lab/diagnostics tests) of the disease. [1PLO1.1] [1L7K1, 1L7C3]	30%	
Design a therapeutic plan utilizing evidence-based medicine. [1PLO3.1] [1L7S3, 1L7C3]	45%	
Prepare a monitoring and follow up plan to evaluate efficacy and safety of therapy. [1PLO2.1] [1L7S2]	15%	
Discuss an appropriate education for the patients about their diseases and appropriate use of medications. [1PLO3.2] [1L7C4]	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
30	15	10					45								

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S2	L7S3	L7C3	L7C4
15	15	22.5	37.5	10

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

Policy	
Exams	<ul style="list-style-type: none"> - All exams are closed books and notes. - The final exam is comprehensive (covers all the material). - The first and second incomplete exams need approval from the departments heads. - The final incomplete exams need approval from the dean.
Cheating	<p>Prohibited; 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 راسياً في ذلك الامتحان أو الاختبار.</p> <p>ب- الغاء تسجيله في بقية المسابقات المسجل لها في ذلك الفصل.</p> <p>ج- فصله من الجامعة لمدة فصل دراسي واحد، و هو الفصل التالي للفصل الذي ضبط فيه.</p>
Attendance	<ul style="list-style-type: none"> - Attendance is mandatory and will be recorded regularly. - Excellent attendance is expected. - Students who miss more than 20% of the classes will be dropped from the course as per JUST policy. - If you miss class, it is your responsibility to find out about any announcements or assignments you may have missed. - Students are not allowed to attend only in their section they are registered in, attending in another section is not allowed
Communicating with Instructors	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - 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	<ul style="list-style-type: none"> - Last day to drop the course is before the twelve (12th) week of the current semester

