



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

PHMD464 Public Health And Policy - JNQF Level: 7

First Semester 2024-2025

**Course Catalog**

3 Credit Hours. This course is concerned with introducing students to various resources and information about values, contexts, principles, and frameworks of public health and policy. It also provides an introduction to public health, explores the history of public health, health determinants and measurements, impact of health disparities on race, class, and gender, moral and legal foundations, public health structures, historical trauma, and cultural competence, health and human rights, advocacy and health equity and the formulation and analysis of public health policies. Students learn the importance of public health concepts and issues in daily pharmacy practice, with an emphasis on applying the fundamental issues of public health within pharmacy practice.

**Teaching Method:** Electronic Course

**Text Book**

<b>Title</b>	The New Public Health
<b>Author(s)</b>	Theodore H. Tulchinsky, Elena A. Varavikova, Matan J. Cohen
<b>Edition</b>	4th Edition
<b>Short Name</b>	Ref # 1
<b>Other Information</b>	

**Course References**

Short name	Book name	Author(s)	Edition	Other Information
Ref # 2	Public Health: What It Is and How It Works	Turnock, Bernard	6th Edition	
Ref # 3	Essentials of Health Policy and Law	Sara E. Wilensky; Joel B. Teitelbaum	5th Edition	
Ref # 4	Public Health 101: Improving Community Health: Improving Community Health	Richard Riegelman, Brenda Kirkwood	3rd Edition	
Ref # 5	Public Health Emergencies	Tanya Telfair LeBlanc, Robert J. Kim-Farley	1st Edition	
Ref # 6	Pharmacotherapy: A Pathophysiologic Approach	Joseph T. DiPiro, Gary C. Yee, L. Michael Posey, Stuart T. Haines, Thomas D. Nolin, Vicki Ellingrod	12th Edition	Chapter 18
Ref # 7	Public Health in Pharmacy Practice: A Casebook	Jordan R Cowey, Jill A. Martin-Boone, and Michael J. Fulford	1st Edition	
Ref # 8	Pharmacy in Public Health: Basics and Beyond	Jean Carter and Marion Slack	1st Edition	

**Instructor**

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**Instructor**

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Class Schedule & Room
<p>Section 1: Lecture Time: Mon : 17:00 - 18:30 Room: متزامن الحضور منصة الكترونية</p> <p>Section 2: Lecture Time: Wed : 17:00 - 18:30 Room: متزامن الحضور منصة الكترونية</p> <p>Section 3: Lecture Time: Tue : 17:00 - 18:30 Room: متزامن الحضور منصة الكترونية</p>

Tentative List of Topics Covered		
Weeks	Topic	References
Weeks 1, 2	What is public health and its history	<b>Chapter 1</b> From <b>Ref # 1</b> , <b>Chapter 1</b> From <b>Ref # 2</b>
Weeks 3, 4	Measuring, monitoring, and evaluating the health of a population	<b>Chapter 3</b> From <b>Ref # 1</b> , <b>Chapter 2</b> From <b>Ref # 2</b>
Week 5	Communicable diseases	<b>Chapter 4</b> From <b>Ref # 1</b>
Week 6	Noncommunicable diseases and conditions	<b>Chapter 5</b> From <b>Ref # 1</b>
Week 7	Special community health needs	<b>Chapter 7</b> From <b>Ref # 1</b>
Week 8	Travel Health	<b>Chapter 18</b> From <b>Ref # 6</b>
Weeks 9, 10	Public health within pharmacy practice: pharmacist's role in health promotion, public health campaigns, and interventions	From <b>Ref # 7</b> , From <b>Ref # 8</b>
Week 11	Public Health and the Healthcare System.	<b>Chapter 12</b> From <b>Ref # 1</b> , <b>Chapter 3</b> From <b>Ref # 2</b> , <b>Chapter 4</b> From <b>Ref # 3</b>
Weeks 12, 13	An Overview of Health Policy and Law	<b>Chapter 1 and 2</b> From <b>Ref # 3</b>
Weeks 14, 15	Essential Issues in Health Policy and Law	<b>Chapter 6, 12, and 13</b> From <b>Ref # 3</b> , From <b>Ref # 5</b>

Mapping of Course Outcomes to Program Outcomes and NQF Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
Illustrate the concept of public health, the key events and movements that have shaped public health, and the implications of historical public health efforts on contemporary health systems and policies [1PLO1.1] [1L7K1]	10%	Midterm Exam
Evaluate the health of a population by analyzing data from health indicators, monitoring trends, and assessing public health interventions [1PLO3.5] [1L7C2]	20%	Active learning
Distinguish the major public health challenges related to communicable diseases and non-communicable diseases. [1PLO2.3] [1L7S2]	15%	Active learning, Midterm Exam
Identify public health actions targeted to the health needs of special populations. [1PLO3.5] [1L7C2]	10%	Midterm Exam
Identify the role of pharmacists in fundamental issues of public health. [1PLO2.4] [1L7S1]	20%	Midterm Exam, Final Exam
Analyze existing public health policies related to Pharmacy and pharmaceutical industry at the local, national and global levels. [1PLO4.1] [1L7C3]	25%	Final Exam

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
10			15	20					30		25				

Relationship to NQF Outcomes (Out of 100%)				
L7K1	L7S1	L7S2	L7C2	L7C3
10	20	15	30	25

Evaluation	
Assessment Tool	Weight
Active learning	30%
Midterm Exam	30%
Final Exam	40%

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