



Jordan University of Science and Technology
Faculty of Pharmacy
Pharmacy Department

PHAR505 Selected Topics (2)

Summer Semester 2019-2020

Course Catalog

2 Credit Hours. A selected topic in pharmaceutical sciences will be assigned to students to fulfill certain academic requirements.
Prerequisites: Dean's approval.

Text Book

Title	Drug abuse handbook
Author(s)	Steven B. Karch
Edition	1st Edition
Short Name	Ref #1
Other Information	

Instructor

Name	Prof. Majed Masadeh
Office Location	-
Office Hours	Sun : 09:00 - 11:00 Mon : 10:00 - 11:00 Tue : 09:00 - 11:00 Wed : 10:00 - 11:00
Email	mmmasadeh@just.edu.jo

Class Schedule & Room

Section 1:
Lecture Time: Sun, Mon, Tue, Wed : 17:00 - 18:00
Room: منصة الكترونية

Tentative List of Topics Covered

Weeks	Topic	References
Week 1	Introduction to Controlled Substances	- From Ref #1
Week 2	Pathology of Drug Abuse	From Ref #1

Weeks 3, 4, 5	Pharmacokinetics: Drug Absorption, Distribution, and Elimination	From Ref #1
Week 6	Pharmacodynamics	From Ref #1
Week 7	Alcohol	From Ref #1
Week 8	Neurochemistry of Drug Abuse	From Ref #1
Week 9	Addiction Medicine	From Ref #1
Week 10	Medical Complications of Drug Abuse	From Ref #1
Week 11	Doping in Sports	From Ref #1
Week 12	Workplace Testing	From Ref #1

Mapping of Course Outcomes to Program Student Outcomes	Course Outcome Weight (Out of 100%)	Assessment method
This course introduces the controlled substances, their pathology, the pharmacokinetics of abused drugs including doping agents, the pharmacodynamics, work place testing, and specimen selection, collection, and preservation. The course also enables students to select topics that provide them with knowledge of practical applications of pharmacy in the Food and Drug administration, especially the regulatory aspects of chemicals used in food and drug industry such as doping agents. [30SO3.6, 30SO4.1]	60%	
Final [20SO1.1, 20SO3.2]	40%	

Relationship to Program Student Outcomes (Out of 100%)														
SO1.1	SO2.1	SO3.2	SO3.3	SO2.2	SO2.3	SO2.4	SO3.1	SO3.4	SO3.5	SO3.6	SO4.1	SO4.2	SO4.3	SO4.4
20		20								30	30			

Evaluation	
Assessment Tool	Weight
Mid-exam	60%
Final exam	40%

Policy	
Examination policy	- PPT per 1 or 2 students - Written exam from the selected PPT
Absence policy	students are allowed to be absent for only one lecture.

Date Printed: 2020-09-24