

University of Jordan**Faculty Name:** Pharmacy**Department Name:** Biopharmaceutics and Clinical Pharmacy**Semester:** Spring 2010**Course Title:** Drug misuse and abuse**Course Code:** 1203720**Course Coordinator:** Dr. Mayyada Wazaify**Instructor (s):**

Name	Office Number	Office Phone	Office Hours	E-mail
Mayyada Wazaify	108	23354	To be arranged	m.wazaify@ju.edu.jo

Course Objectives:

1. To provide an overview of the different drugs of abuse, the sought effects and withdrawal symptoms
2. To familiarize students with different terms like: misuse, abuse, drug, medicine, dependence, addiction, tolerance, withdrawal etc
3. To provide an overview of the drug laws worldwide and in Jordan
4. To present different treatment regimens most commonly used (e.g. methadone maintenance)
5. To refine students research, computer and presentation skills along the course
6. To use internet professional sites to extract information about different drugs of abuse and different research studies

Teaching Methods:

- 1) Lectures (workshops, seminars)
- 2) Case Studies
- 3) Assignments

Tests & Evaluations:

Exams :

Midterm exam: 30%

Final: 40%

Seminars and assignments: 30%

Course Contents and Schedule

No.	Topic	Number of Lectures
	Part A:	
1	Introduction to Drug misuse	1
2	The Neurobiology of Drug Addiction	3
3	Medical complications of injecting drug use	1.5
4	Harm Reduction, Needle and Syringe exchange scheme and methadone maintenance	1

4	Treatment of drug dependence	2
5	Drug Misuse in Jordan	1
6	Drugs and the law (comparison)	1
	<i>Video session (elective-depending on time)</i>	1
7	Drug Abuse and Health care professionals	
8	Drug abuse and concurrent illness	1
9	Drugs in pregnancy and breast feeding	2
10	Midterm Exam	1
	Part B: Drugs of Abuse	
	General Introduction & classification of drugs	1
	<i>The Psychodepressants:</i>	1
Ia	Opioids	
Ib	Alcohol	1
Ic	Benzodiazepines	1
Id	Volatile solvents and inhalers	1
	<i>The Psychostimulants:</i>	
IIa	Amphetamines and Ecstasy	1
IIb	Cocaine	1
IIc	Smart drugs	1
	<i>The Hallucinogens</i>	
IIIa	LSD	1
IIIb	Cannabis	1
IIIc	Magic mushrooms, Ketamine, PCP	1
	<i>Performance enhancing drugs</i>	
IV	Anabolic steroids, Clenbuterol, Gamma hydroxybutyrate, natural products and nutritional supplements	1
V	Prescription drugs of abuse	1
VI	OTC products of abuse	1
	<i>Field visit to the National Center for the Treatment of Drug Dependence (Date to be arranged with the center)</i>	1

References:

1. Wills S. Drugs of Abuse. 2nd Ed. The Pharmaceutical Press. London. 1999
2. Pagliaro LA, Pagliaro AM. Pagliaros' Comprehensive Guide to Drugs and Substances of Abuse. 1st Ed. The American Pharmacists Association. Washington DC. 2004

Cheating Policy: (University Rules Applied)

The participation, the commitment of cheating will lead to applying all following penalties together

- 1) Failing the subject he/she cheated at
- 2) Failing the other subjects taken in the same course
- 3) Not allowed to register for the next semester