



كلية الصيدلة جامعة الزيتونة الأردنية
Faculty of Pharmacy
Al-Zaytoonah University of Jordan

" نحو تعليم صيدلاني متميز "
Toward Excellence in Pharmaceutical
Education

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"Tradition and Quality"

Detailed Course Description - Course Plan Development and Updating Procedures/ Pharmacy Department	QF02/0408-3.0E
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Faculty	Pharmacy	Department	Pharmacy
Course number	120153	Course title	Medicinal plants
Number of credit hours	3	Pre-requisite/co-requisite	none

Brief course description

Herbal phytomedicine is a science which mixed the originality of the past and its development up to date and the role of different civilizations in the evaluation and attention. **It discusses also** the importance of herbal remedies and plants, and how to classify plants, and the various processes that pass by, as well as ways to cultivate, and harvest, and installed, and drying, and extraction of the active ingredients from these plants

In addition, the course involves the study of the most important medicinal plants from the point of view of the origin , part in use, active ingredients, medical use and side effects.

Course goals and learning outcomes	
Goal 1	Knowledge of the developments in medicinal plant application up to date.
Learning outcomes	1.1 to know the origin and development of the use of plants in the field of medication 1.2 to clarify the impact of ancient civilizations on the science of medicinal plants
Goal 2	to know the benefits and damages of herbs and how to eat
Learning outcomes	2.1 Know how to cope with health problems using herbs instead of chemical drugs 2.2 Medical plants should be used properly
Goal 3	Learn how to care for medicinal plants
Learning outcomes	3.1 Know the methods of classification, whereabouts, methods of cultivation, harvesting and drying of medicinal plants 3.2 Know the methods used to extract the active substances in these plants
Goal 4	Knowing the most famous and important plants used in the field of medicine
Learning outcomes	4.1 Know its original home and part used 4.2 Know the most important existing active substances 4.3 Know the medical uses and collateral damage resulting from the use of these plants



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Textbook	1.- Herbal Medicine Natural Remedies: 150 Herbal Remedies to Heal Common Ailments, Anne Kennedy. Publisher: Althea Press 2017
Supplementary references	1.- Alternative medicine - herbal medicine and medicinal plants - Andrew Chevalier Translation: Omar Ayoubi -2010 2. Herbal Pharmacy - Linda B-White Stephen Foster 2008 3. Pharmacology and medicinal plants (Ghassan Hijjawi). Dar Al-Thaqafa for Publishing and Distribution 2009. ISBN: 9789957164157 4. Pharmacology and medicinal plants, the magic of Malas and Mustapha Abu Arjeeh, Dar al-Yazuri Scientific, 2013

Course timeline				
Week	Number of hours	Course topics	Pages (textbook)	Notes
01	1	Introduction to medicinal herbs Medical Plants in Egyptian Civilization	1,2	1
	1		3,4	
	1			
02	1	The medicinal plants of the Babylonians and the Assyrians Medicinal plants when Chinese Medicinal plants of Indians	4,5	2
	1		5	
	1		6	
03	1	Medicinal plants in Greece. Roman medicinal plants Medicinal plants in Islamic civilization.	7,8	3
	1		8,9	
	1		9,10,11	
04	1	Other methods of treatment in the modern era (such as mycobiotics, aromatherapy, reciprocal treatment, and massage of the soles of the hands and feet) Reasons for the retreat of herbal medicine	12,13	4
	1		13,14	
	1			
05	1	Reasons for the decline of drugs manufactured laboratory. Plant taxonomy. The presence of medicinal plants	14,15,16	5
	1		17,18,19	
	1		20,21,22	
06	1	Medicinal plant harvesting the first exam	23,24,25	6
	1			
	1			
07	1	Install medicinal plants Drying of medicinal plants	26,27	7
	1		28,29	



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	1			
08	1	Storage of medicinal plants.	30,31	87
	1	Evaluation of medicinal plants.	32	
	1	Methods of classification of medicinal plants	33	
09	1	Chemical components in medicinal plants.	35,36,37	9
	1	Cold methods for extracting medicinal plants.	38,39	
	1	Hot ways to extract medicinal plants.	40,41,42	
	1	The importance of food in the prevention of diseases	43	
10	1	Poppy, cannabis	44-47	10
	1	Qat, tobacco	48,49	
	1	Rolfia, Finca, Eucalyptus husk	50-52	
The second exam				
11	1	Afadra, Albadouna (St. Hassan)	53-56	11
	1	The city, the devil	57-58	
	1	Pomegranate Mint, Peppermint Mint	58-60	
12	1	Thyme, thyme tiles (thyme farsi), chamomile	60-62	12
	1	Coriander, aniseed: cumin,	62-65	
	1	Chowder, dill; parsley	65-68	
13	1	Coriander, Meramia, Pomegranate	68-70	13
	1	Garlic, Onions, Ginger	70-72/73-	
	1	Licorice, Olives	75	
14	1	Grapes, dates	76-79	14
	1	Figs, apples	80-82	
	1	Arak	83-85	
15	1	Tea, Capparis	86-88	15
	1	Clove, bitter cactus	89-92	
	1			
16	1	Final Exam		16

Theoretical course evaluation methods and weight	First exam 25% Second exam 25% Final exam 50%	Practical (clinical) course evaluation methods	Semester students' work = 50% (Reports, research, quizzes, etc.) Final exam = 50%
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Approved by head of department		Date of approval	
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Extra information (to be updated every semester by corresponding faculty member)

Name of teacher	Mustafa Abuomair	Office Number	219
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Office hours			