



كلية الصيدلة جامعة الزيتونة الأردنية
Faculty of Pharmacy
Al-Zaytoonah University of Jordan
" نحو تعليم صيدلاني متميز "

Toward Excellence in Pharmaceutical
Education

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



"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	0201522	Course title	Cosmetics Preparations
Number of credit hours	2	Pre-requisite/co-requisite	Industrial Pharmacy

Brief course description

This course focuses on the development of ethical regulation knowledge regarding the dermatological preparation. Furthermore, it teaches cosmetic formulations design and manufacture. The course also focuses on the quality control assessment and testing regarding the cosmetic preparations. This course provides students with an introduction to the knowledge of cosmetics products. It will provide the student with basic knowledge of the skin anatomy and skin products including skin creams, astringents and skin tonics, protective creams and hand cleansers, bath preparations, skin products for babies.

Course goals and learning outcomes	
Goal 1	Development of ethical regulation knowledge regarding the dermatological preparation
Learning outcomes	The student should be able to: <ol style="list-style-type: none"> 1. Understand the FDA regulations regarding cosmetic preparation 2. Differentiate the regulations regarding drugs from cosmetic. 3. Justify the reasons of different regulations regarding food, drug and cosmetics.
Goal 2	Design and manufacture of cosmetic formulations
Learning outcomes	The student should be able to: <ol style="list-style-type: none"> 1. Understand the basics in the formulation of cosmetical products. 2. Differentiate the influence of each ingredient in these products. 3. Differentiate between product types according to the ingredients inside.
Goal 3	Assessment and testing of product quality, quality control
Learning outcomes	The student should be able to: <ol style="list-style-type: none"> 1. Specify the type of quality test according to product to understand the basics in the formulation of cosmetical products. 2. Interpret the results of the tests (rejected, accepted in referral to the criteria specifications).
Textbook	1- "Harry's Cosmeticology", Ralph Gordon Harry, Chemical Publishing Company; 9 th edition (April 1, 2015) 2- Handbook of Cosmetic Science and Technology, Andre O. Barel, Marc Paye, and Howard I. Maibach, Marcel Dekker, 3 rd edition 2009
Supplementary references	1- Dayan, Nava. Skin aging handbook: an integrated approach to biochemistry and product development. William Andrew, 2008.



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Course timeline				
Week	Number of hours	Course topics	Pages (textbook)	Notes
01	1 1	▪ Introduction to cosmetics.		
02	1 1	▪ Cosmetics regulations, registration and ethics		
03	1 1	▪ Quality control tests of cosmetic preparations ▪ Teeth and dental products ▪ Dentifrice. ▪ Mouthwashes		
04	1 1	▪ Acne ▪ Cleansing agents		
05	1 1	▪ Sunblock, sun screen and sun protection preparations		
06	1 1	▪ Aging physiology and antiaging preparations		
07	1 1	▪ Whitening agents: Skin lighteners or bleaches. ▪ Face Packs and masks		
08	1 1	▪ Nails Products: Manicure preparation		
09	1 1	▪ Face Powders and make-up ▪ Colored Make-up preparation: ▪ Lipstick ▪ Rouge ▪ Eye Makeup –		
10	1 1	▪ Skin Products: ▪ Skin creams. ▪ Astringents and skin tonics.		
11	1 1	▪ Baby Products.		
12	1 1	▪ Hair preparations: ▪ Shampoos. Hair setting lotions, sprays and dressings. ▪ Hair tonics and conditioners.		
13	1	▪ Hair colorants.-		



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	1	<ul style="list-style-type: none"> Permeant waving and hair strengtheners. 		
14	1 1	<ul style="list-style-type: none"> Permeant waving and hair strengtheners. Hair straighteners. Antiperspirants and deodorants 		
15	1 1	<ul style="list-style-type: none"> Perfumes 		
16	1 1	Final exam		

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	Dr. Abdul Qader Al-Bawab	Date of approval	15/10/2017
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Extra information (to be updated every semester by corresponding faculty member)

Name of teacher	Ola Tarawneh, PhD	Office Number	215
Phone number (extension)		Email	ola.tarawneh@zug.edu.jo
Office hours			