



UNIVERSITY OF
PATRAS
ΠΑΝΕΠΙΣΤΗΜΙΟ ΠΑΤΡΩΝ

DEPARTMENT OF PHARMACY

SCHOOL OF HEALTH SCIENCES

UNIVERSITY OF PATRAS
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POSTGRADUATE PROGRAM: **COSMETOLOGY - PREPARATION AND EVALUATION
OF COSMETIC PRODUCTS**

COURSE TITLE: PRACTICAL COURSE ON PREPARATION OF COSMETIC PRODUCTS
CODE: PHA-COS-25

**PRACTICAL COURSE ON PREPARATION OF COSMETIC PRODUCTS
COURSE OUTLINE**

1. GENERAL

SCHOOL	HEALTH SCIENCES		
ACADEMIC UNIT	DEPARTMENT OF PHARMACY		
PARTICIPATING INSTITUTIONS	-		
TITLE of POSTGRADUATE PROGRAM	COSMETOLOGY - PREPARATION AND EVALUATION OF COSMETIC PRODUCTS		
LEVEL	POSTGRADUATE		
COURSE CODE	PHA-COS-25	SEMESTER	B'
COURSE TITLE	PRACTICAL COURSE ON PREPARATION OF COSMETIC PRODUCTS		
INDEPENDENT TEACHING ACTIVITIES	WEEKLY TEACHING HOURS	CREDITS	
Courses	3	6	
COURSE TYPE	Field of Science		
PREREQUISITE COURSES	None		
LANGUAGE of INSTRUCTION and EXAMINATIONS	Greek		
COURSE OFFERED to ERASMUS STUDENTS	No		
COURSE (URL)	http://www.pharmacy.upatras.gr/images/DS/PHA-COS-25_EN.pdf		

2. LEARNING OUTCOMES

Learning Outcomes
<p>By the end of this course the student will know the technique of preparing various cosmetic formulations, such as:</p> <ul style="list-style-type: none"> • Creams • Lotions • Sunscreens • Makeup products • Shaving products • Cosmetic soaps • Shampoos • Toothpastes & Mouthwashes

General Competences

By the end of this course the student will, furthermore, have develop the following general abilities (from the list above):

- Search, analysis and synthesis of data and information, using the necessary technologies*
- Decision making*
- Autonomous (Independent) work*
- Group work*

3. SYLLABUS

LECTURES

- Laboratory exercises in the preparation of cosmetic products such as:
 - Vanishing day cream
 - Moisturizing body lotion
 - Vitamin cream
- Sunscreen oil,
- Sunscreen emulsion
- Regulating shampoo - Baby shampoo
- Makeup products (powder, lipstick, mascara)
- Shaving products (Shaving foam, Shaving creams, Colognes, Aftershaves)
- Cosmetic soaps
- Toothpaste - Toothpaste - Mouthwash

4. TEACHING and LEARNING METHODS - EVALUATION

DELIVERY	In the classroom	
USE of INFORMATION and COMMUNICATIONS TECHNOLOGY	Learning process support through the e-class electronic platform to exchange files and lectures and to communicate with students. Lectures and presentations are all done using Information and Communication Technologies (ICTs) and information is searched through relevant databases.	
TEACHING METHODS	Activity	Semester Workload
	Laboratory exercise	100
	Literature study	50
	Course Total (25 hours of work-load per ECTS credit)	150
STUDENT PERFORMANCE EVALUATION	Language of Evaluation: Greek Written final exam which includes <ul style="list-style-type: none"> • Short development questions • Critical thinking Questions 	

5. RECOMMENDED BIBLIOGRAPHY

1. Handbook of Cosmetic Science and Technology, André O. Barel, Marc Paye, Howard I. Maibach, eds, Marcel Dekker, Inc. New York • Basel, 2001, ISBN: 0-8247-0292-1
2. Formulas, Ingredients and Production of Cosmetics Technology of Skin- and Hair-Care Products in Japan Hiroshi Iwata, Kunio Shimada eds, Springer Tokyo Heidelberg New York Dordrecht London 2013, ISBN 978-4-431-54060-1
3. New Cosmetic Science T. Mitsui ed, Elsevier the Netherlands 1998, ISBN 0 444 82654 8
4. Chemistry and Technology of the Cosmetics and Toiletries Industry, Williams, D.F., Schmitt W.H eds, Springer Science+ Business Media New York 1992. ISBN 978-94-010-5007-4