


KAPITAŁ LUDZKI
 NARODOWA STRATEGIA SPÓJNOŚCI

 Projekt współfinansowany przez
 Unię Europejską w ramach
 Europejskiego Funduszu
 Społecznego

UNIA EUROPEJSKA
 EUROPEJSKI
 FUNDUSZ SPOŁECZNY


Course title		ECTS code	
Cosmetic industry in practice		13.3.0504	
Name of unit administrating study			
Faculty of Chemistry			
Studies			
faculty	field of study	type	pierwszego stopnia
Wydział Chemii	Chemia	form	stacjonarne
		specjalty	chemia kosmetyków
		specialization	wszystkie
Teaching staff			
prof. dr hab. Sylwia Rodziewicz-Motowidło			
Forms of classes, the realization and number of hours		ECTS credits	
Forms of classes		1	
Lecture		classes - 15 h	
The realization of activities		tutorial classes – 2 h	
classroom instruction		student's own work – 8 h	
Number of hours		Total: 25 h - 1 ECTS	
Lecture: 15 hours			
The academic cycle			
2024/2025 summer semester			
Type of course		Language of instruction	
obligatory		polish	
Teaching methods		Form and method of assessment and basic criteria for evaluation or examination requirements	
multimedia-based lecture		Final evaluation	
		Graded credit	
		Assessment methods	
		written test pass with open questions	
		The basic criteria for evaluation	
		The final grade will be issued on the basis of one final pass from the whole lectured subject. In the case of failing a negative grade can be improved by writing another written test. The grades will follow the guidelines set out in the "UG Study Regulations".	
Method of verifying required learning outcomes			
Required courses and introductory requirements			
A. Formal requirements			
Completed courses in the field of cosmetics chemistry and applied cosmetics.			
B. Prerequisites			
Knowledge of general and organic chemistry, knowledge of basic issues in the field of cosmetics chemistry, knowledge and use of terminology and cosmetic nomenclature.			
Aims of education			

- Acquainting with the basic processes of cosmetics production
- Acquainting with the technology of fluid production (tonics, micellar liquids, gels for body washing, gels for intimate hygiene)
- Acquainting with emulsion production technology (face creams, body lotions)
- Acquainting with the methods of work in the cosmetics technology laboratory
- Acquainting with the methods of work in the cosmetics quality control laboratory and in the research and development laboratory of a cosmetics company
- Getting to know the basic principles of GMP work
- Acquainting with the basic knowledge of the apparatus used in the production of cosmetics

Course contents

Basic processes of cosmetics production. Apparatus used in the manufacture and control of cosmetics. Technology transfer laboratory scale - semi-technical scale - technical scale. Basic information in the field of cosmetics for liquid and semi-solid forms. GMP standard in a cosmetics factory. Environmental standard.

Bibliography of literature

Literature required to pass the course

- Brud W, Glinka R.Ł.: Technologia kosmetyków, Łódź 2001
 - Warych J., Aparatura chemiczna i rocesowa. Oficyna Wyd. PW, Warszawa 1996
- A.2. studiowana samodzielnie przez studenta
- Marcinkiewicz-Salmonowiczowa J.: Zarys chemii i technologii kosmetyków, Pol. Gd. 1995
 - Koch R., Noworyta A., Procesy mechaniczne w inżynierii chemicznej, WNT, Warszawa 1992
- Extracurricular readings
- Malinka W.: Zarys chemii kosmetycznej, Volumes 1999
 - Marzec A.: Chemia kosmetyków, Toruń 2001
 - Janicki S., Fiebig A.: Farmacja stosowana, PZWL 1996
 - Peters B.: Kosmetyka, Warszawa 2002
 - Jurkowska S.: Surowce kosmetyczne, Dąbrowa Górnicza 1999

The learning outcomes (for the field of study and specialization)

Knowledge

- Recognizes and explains the operation of the basic equipment used in the production of cosmetics • Selects the appropriate type of apparatus for the assumed technological process
- Describes cosmetics production technologies
- Can plan a large-scale cosmetic production procedure

Skills

Social competence

- understands the need for systematic familiarization with the latest chemical literature
- is active in deepening knowledge and understands the need for continuous training in the field of work in a cosmetic enterprise
- Understands the need to become acquainted with scientific and popular scientific journals, basic in the field of peptide and protein chemistry used in cosmetic products, in order to broaden and deepen knowledge
- The student is aware of the impact of the known methods of cosmetics production on the environment

Contact

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