



Subject card

Subject name and code	Facts and myths about cosmetic products, PG_00062784						
Field of study	Mathematics						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			e-learning		
Year of study	2	Language of instruction			Polish		
Semester of study	4	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Katedra Biotechnologii i Mikrobiologii -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Patrycja Szumała				
	Teachers		dr hab. inż. Patrycja Szumała				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 30.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	30		2.0		18.0	50
Subject objectives	The aim of the course is to discuss the issues related to the advertising of cosmetic products and their actual operation, composition, production as well as social and legal requirements for such products.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K7_W71] has general knowledge in humanistic, social, economic or legal sciences, including their fundamentals and applications		Is able to demonstrate the economic and social importance of the cosmetics industry		[SW3] Assessment of knowledge contained in written work and projects		
	[K7_U71] is able to apply knowledge from humanistic, social, economic or legal sciences in order to solve problems		Is able to explain the purpose of using a given type of advertising of cosmetic products		[SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment		Can explain the actual action of cosmetics and their social significance		[SK5] Assessment of ability to solve problems that arise in practice		
Subject contents	Issues related to the basic structure of the skin, the actual penetration of cosmetic ingredients into the skin, controversial ingredients (e.g. preservatives, dyes), bio-ingredients, their actual origin and impact on the human body. Moreover, the influence of the image and the content of the advertisement on the choice of cosmetic products will be presented.						
Prerequisites and co-requisites	Basic chemical and biological knowledge.						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Written exam		50.0%		100.0%		
Recommended reading	Basic literature		Martini C., Kosmetologia i farmakologia skóry, Wydawnictwo Lekarskie PZWL, Warszawa, 2007 Barel A., Paye M., Maibach H., Handbook of Cosmetic Science and Technology, wyd. III, Londyn, Informa Health Care, 2009 And other cosmetic monographs				

	Supplementary literature	<p>Meryem Uckaya, Fatih Uckaya, Nazan Demir, Yasar Demir; Evaluation of the efficiency and safety in cosmetic products, International Journal of Pharmaceutics 499 (2016) 295300.</p> <p>Huang, Catherine K, and Timothy A Miller. The truth about over-the-counter topical anti-aging products: a comprehensive review. Aesthetic surgery journal vol. 27,4 (2007): 402-12</p> <p>And other scientific publications about cosmetic ingredients</p>
	eResources addresses	<p>Podstawowe</p> <p>https://enauczanie.pg.edu.pl/moodle/course/view.php?id=25116 - Summary of lecture content</p> <p>Adresy na platformie eNauczenie:</p> <p>Fakty i mity o produktach kosmetycznych 2024 - Moodle ID: 35167</p> <p>https://enauczanie.pg.edu.pl/moodle/course/view.php?id=35167</p>
Example issues/ example questions/ tasks being completed	<p>Which cosmetic ingredients penetrate the skin?</p> <p>Which cosmetic products are organic?</p> <p>Are preservatives necessary in the production of cosmetics?</p>	
Work placement	Not applicable	