

**Subject card**

Subject name and code	In search of a happiness pill, PG_00179595						
Field of study	Chemistry						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
Education level	Master's studies	Subject group			Optional subject group		
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	2	Language of instruction			Polish		
Semester of study	4	ECTS credits			2.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Department of Biomedical Chemistry -> Faculty of Chemistry -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Magdalena Wysocka					
	Teachers						
Lesson types	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: 0.0						
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	10.0		20.0	60	
Subject objectives	The objective of the course is to acquaint students with the categorization of psychoactive chemicals into legal and illicit classifications, and with the molecular basis of their action						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[CHEMMU2_W05] Has extended knowledge in the field of the specialisation studied.	Based on the collected materials, the student analyzes their own work, argues their opinions, summarizes, and draws conclusions.			[SW2] presentation/project/paper/report		
	[CHEMMU2_U08] Prepares and presents oral presentations in various fields of chemistry in Polish and English, using acquired knowledge and skills as well as basic sources of scientific information.	The student describes the general characteristics of the compound being presented and provides key information about its sources and bioactive properties.			[SU2] presentation/project/paper/report		
	[CHEMMU2_K05] Understands the need for independent search of information in scientific literature and popular science magazines.	The student develops the ability to use databases and search for necessary information in scientific and popular science literature, as well as to critically analyze it.			[SK2] presentation/project/paper/report		
	[CHEMMU2_U10] Reads with understanding scientific and popular science chemical texts in English.	Students develop the ability to recognize and understand specialized terms in the field of chemistry in English. Through reading scientific texts, students learn to analyze information, extract key concepts, and understand complex chemical issues. Students develop critical thinking skills and the ability to evaluate the quality of information related to the context of research and the evaluation of results.			[SU2] presentation/project/paper/report		

Subject contents	<ul style="list-style-type: none"> <li>• classification of psychoactive substances</li> <li>• molecular basis of the action of selected psychoactive substances</li> <li>• history and action of selected psychedelics</li> <li>• drug or medicine?</li> <li>• selected adaptogens their history, biological activity, and benefits of their use</li> </ul>		
Prerequisites and co-requisites	<ul style="list-style-type: none"> <li>• knowledge of the most important reactions and properties of basic groups of organic compounds and their structure</li> <li>• knowledge of the basics of selected cellular processes</li> </ul>		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	presentation	51.0%	50.0%
	Participation in classes	51.0%	50.0%
Recommended reading	Basic literature	Materials prepared by the lecturer.	
	Supplementary literature	Monographic works provided by the supervisor.	
	eResources addresses		
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

Document generated electronically. Does not require a seal or signature.