



Subject card

Subject name and code	Chemical technologies in practice, PG_00060848						
Field of study	Chemical Technology						
Date of commencement of studies	October 2023	Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study Subject group related to scientific research in the field of study		
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Electrochemistry, Corrosion and Materials Engineering -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Justyna Kucińska-Lipka					
	Teachers	dr hab. inż. Justyna Kucińska-Lipka dr hab. inż. Justyna Łuczak dr hab. inż. Krzysztof Żakowski dr inż. Ewa Głowińska					
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: 0.0						
Additional information: The classes will be conducted in the form of technological trips to industrial plants.							
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	Familiarizing students with practical aspects of chemical technology in industry.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W12] knows the chemical nomenclature in Polish and specialized terms related to chemical technology	Student knows technical terms related to technological processes.			[SW3] Assessment of knowledge contained in written work and projects		
	[K6_K02] understands the non-technical aspects and implications of the activities of a chemical engineer, including the impact on the environment, is aware of professional behaviour, observance of professional ethics and respect for diversity of views and cultures	The student is aware of behaving in a professional manner.			[SK4] Assessment of communication skills, including language correctness		
[K6_W05] has knowledge of chemical technology based on mineral or energy resources and modern energy sources, understands the concept of sustainable development, knows the principles of green chemistry and environmentally friendly process engineering, has knowledge of occupational safety in the chemical industry	Student knows various technological processes in industry.			[SW3] Assessment of knowledge contained in written work and projects			

Subject contents	Technology trips to, among others: <ul style="list-style-type: none"> • shipyard • museum laboratory workshop • Bridge construction area • petrochemical plants 		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	report	60.0%	100.0%
Recommended reading	Basic literature	not applicable	
	Supplementary literature	not applicable	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Describe the process of preparing a ship's hull surface for painting.		
	Describe how a museum object is preserved.		
Work placement	Not applicable		