



Subject card

Subject name and code	Thesis laboratory, PG_00052336						
Field of study	Chemical Technology						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2023/2024		
Education level	first-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	4	Language of instruction			Polish -		
Semester of study	7	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Colloid and Lipid Science -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Patrycja Szumała				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	60.0	0.0	0.0	60
	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	60		5.0		10.0	75
Subject objectives	Implementation of the experimental part planned in the diploma thesis. Learning the principles of operation and use of the equipment that will be used during experiments.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_U02	Knows the principles of operation of measuring equipment and is able to use them to carry out experimental work			[SU4] Assessment of ability to use methods and tools		
	K6_U11	Is able to plan a given experiment and react and make changes to achieve the goal of the work			[SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject		
	K6_U12	Able to work safely and effectively in the laboratory			[SU2] Assessment of ability to analyse information		
Subject contents	Laboratory classes						
Prerequisites and co-requisites	Implementation of the first-degree study program						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Experimental results		100.0%		100.0%		
Recommended reading	Basic literature		Depends on the topic of the diploma thesis				
	Supplementary literature		Depends on the topic of the diploma thesis				
	eResources addresses		Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	-						
Work placement	Not applicable						