



## Subject card

Subject name and code	Master's thesis, PG_00049133						
Field of study	Chemical Technology						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
Education level	second-cycle studies	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	3	ECTS credits			20.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Inorganic Chemistry -> Faculty of Chemistry						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Tomasz Majchrzak				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	0.0	0
	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	0		57.0		443.0	500
Subject objectives	Carrying out the experiments or literature research necessary to prepare diploma thesis						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K7_U02		the student is able to assess the importance of research and knows how to plan it		[SU1] Assessment of task fulfilment		
	K7_U01		The student is able to search, interpret and apply the found information in the description of his research results		[SU4] Assessment of ability to use methods and tools		
	K7_K01		The student knows how to analyze content especially related to the technological description of the process and is able to use it to solve problems related to the development of new technology for obtaining materials or their analysis.		[SK5] Assessment of ability to solve problems that arise in practice		
Subject contents	Contents depend on the project carried out						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Obtained results of experiments		70.0%		50.0%		
	Thesis		80.0%		50.0%		
Recommended reading	Basic literature		Depends on the theme of the thesis				
	Supplementary literature		Reports, industry information, safety data sheets and safety of raw materials and reagents				
	eResources addresses		Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	Develop an introduction to the thesis, scope of work and table of contents, characterize raw materials and reagents, determine the research methodology, carry out experiments related to the scope of the thesis, overwork the results and conclusions, etc.						
Work placement	Not applicable						