



## Subject card

Subject name and code	Team project, PG_00055421						
Field of study	Nanotechnology						
Date of commencement of studies	February 2023		Academic year of realisation of subject		2022/2023		
Education level	second-cycle studies		Subject group		Optional subject group		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	1		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Instytut Nanotechnologii i Inżynierii Materiałowej -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Sebastian Wachowski				
	Teachers		dr inż. Sebastian Wachowski				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	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		5.0		15.0	50
Subject objectives	The aim of the course is to learn how to plan, realize and manage scientific or research&development projects in the field of nanotechnology.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K7_U01		Student knows how to plan, realize tasks, manage and report projects, which are related to synthesis and studying nanostructured (or similar) materials.		[SU1] Assessment of task fulfilment		
	K7_K03		Student communicates, co-manages and divides work in a multiperson work environment.		[SK2] Assessment of progress of work [SK1] Assessment of group work skills		
Subject contents	Selection or own proposition of project topic  Brainstorm and project planning  Presentation of basic principles of the project (projects card)  Determination and realization of tasks  Presentation of the project (report, vocal presentation)						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Presentation of the project		100.0%		100.0%		
Recommended reading	Basic literature		Scientific papers or specialist literature related directly to projects' topics				
	Supplementary literature		none				
	eResources addresses		Adresy na platformie eNauczanie:				

Example issues/ example questions/ tasks being completed	1. Metal nanoparticles  2. Thin films  3. High entropy materials  4. Exotic materials
Work placement	Not applicable