



Subject card

Subject name and code	Diploma seminar, PG_00058950						
Field of study	Nanotechnology						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2026/2027		
Education level	first-cycle studies		Subject group		Optional subject group 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	4		Language of instruction		Polish Polish language		
Semester of study	7		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Institute of Nanotechnology and Materials Engineering -> Faculty of Applied Physics and Mathematics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. inż. Wojciech Sadowski				
	Teachers		prof. dr hab. inż. Wojciech Sadowski				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	15
	E-learning hours included: 0.0						
	eNauczanie source addresses: Moodle ID: 7616 Seminarium dyplomowe https://enauczanie.pg.edu.pl/2025/course/view.php?id=7616						
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	15		1.0		9.0	25
Subject objectives	Preparing to write a thesis						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_U11		The student is able to prepare written papers and oral presentations in Polish and English concerning specific topics in nanotechnology and related scientific disciplines.		[SU1] Assessment of task fulfilment		
	K6_U08		The student is able to present basic facts regarding materials engineering, nanotechnology, and related fields in an accessible manner.		[SU2] Assessment of ability to analyse information		
	K6_K05		The student is able to present the results of their work, convey information in a generally understandable way, communicate, and perform self-assessment as well as a constructive evaluation of the work of others.		[SK4] Assessment of communication skills, including language correctness [SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	Course content – seminar		
	Course content – seminar		
	Structuring and implementing the thesis schedule.		
	Literature review and analysis of the state of research on the chosen topic.		
	Legal aspects (copyright, plagiarism) regarding the thesis.		
	Presentation on the thesis project.		
	Presentation of research findings.		
	Presentation 1: Introduction to the thesis topic.		
	Presentation 2: Preliminary results of original research conducted for the thesis.		
Prerequisites and co-requisites	Selection of the thesis topic and supervisor.		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Participation in seminars and presentation of research results as part of the thesis work	100.0%	100.0%
Recommended reading	Basic literature	A monograph or review article related to the subject matter of the thesis.	
		The Next 25 Years of Nanoscience and Nanotechnology: A Nano Letters Roadmap: Nano Lett. 2025, 25, 12789–12798. https://doi.org/10.1021/acs.nanolett.5c04115	
	Supplementary literature	33 Unresolved Questions in Nanoscience and Nanotechnology. A. Mirkin, et al. ACSNano2025, 19, 31933–31968, https://doi.org/10.1021/acsnano.5c12854	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Presentation 1: Introduction to the thesis topic.		
	Presentation 2: Preliminary results of original research conducted for the thesis.		
Practical activities within the subject	Not applicable		

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