



Subject card

Subject name and code	Project Management, PG_00069339						
Field of study	Nanotechnology						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Obligatory subject group in the field of study		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	4		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Division of Ceramics -> Institute of Nanotechnology and Materials Engineering -> Faculty of Applied Physics and Mathematics -> Wydział Politechniki Gdańskiej						
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	15.0	0.0	0.0	0.0	0.0	15
	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	15		2.0		8.0	25
Subject objectives	Student knows basic tools and techniques in project management in nanotechnology and other branches economy.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W71] has general knowledge in humanistic, social, economic or legal sciences		Student had the basic knowledge in project management		[SW1] Assessment of factual knowledge		
	[K6_K71] is conscious of the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment		Student understands the usefulness of management tools in carrying out complex tasks at work, in education, and in life		[SK5] Assessment of ability to solve problems that arise in practice		
Subject contents	1. Project management - introduction 2. Main metodics of project management: Prince, Agile, Ipma, Pmi 3. Work breackdown structucture, project scheduling 4. Budgeting 5. Responsibility, communication 6. Elements of team management 7. Risk management 8. Financing sources in Poland: NCN, NCBiR, Horison						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Exam		50.0%		90.0%		
	Case study		50.0%		10.0%		
Recommended reading	Basic literature		Prince Foundation Guidance book MoR Guidance book PM², Project management methodology, Guide 3.0, European Commission				
	Supplementary literature		Encyklopedia Zarządzania - in Polish only (link)				

	eResources addresses	<p>Basic</p> <p>https://interoperable-europe.ec.europa.eu/collection/pm2-methodologies/solution/pm2-project-management-methodology-guide/distribution/pm2-project-management-methodology-guide-v301 - Link to guidebook: PM², Project management methodology, Guide 3.0, European Commission</p> <p>Supplementary</p> <p>https://mfiles.pl/pl/index.php/Strona_g%C5%82%C3%B3wna - Encyklopedia zarządzania</p>
Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> 1. Perform WBS on a given project 2. Prepare RACI matrix 3. Perform SWOT analysis 4. Define risks and make risk matrix. 	
Work placement	Not applicable	

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