



Subject card

Subject name and code	Project Management, PG_00069339						
Field of study	Nanotechnology						
Date of commencement of studies	October 2025	Academic year of realisation of subject				2026/2027	
Education level	first-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	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 -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Sebastian Wachowski					
	Teachers	dr hab. inż. Sebastian Wachowski					
Lesson types	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_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	
	[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	
Subject contents	Course content – lecture 1. Project management - introduction 2. Main methods of project management: Prince, Agile, Ipma, Pmi 3. Work breakdown structure, project scheduling 4. Budgeting 5. Responsibility, communication 6. Elements of team management 7. Risk management 8. Financing sources in Poland: NCN, NCBiR, Horizon						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold			Percentage of the final grade	
	Case study		50.0%			10.0%	
	Exam		50.0%			90.0%	
Recommended reading	Basic literature		Prince Foundation Guidance book MoR Guidance book PM ² , 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. 	
Practical activities within the subject	Not applicable	

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