



Subject card

Subject name and code	Team Research Project I, PG_00066738						
Field of study	Chemical Technology, Chemistry, Biotechnology, Corrosion , Green Technologies						
Date of commencement of studies	February 2026	Academic year of realisation of subject				2025/2026	
Education level	second-cycle studies	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				3.0	
Learning profile	general academic profile	Assessment form				assessment	
Conducting unit	Department of Process Engineering and Chemical Technology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Donata Konopacka-Łyskawa				
	Teachers		dr hab. inż. Donata Konopacka-Łyskawa				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	40.0	0.0	40
	E-learning hours included: 0.0						
	eNauczanie source addresses: Moodle ID: 4323 Zespołowy projekt badawczy I luty2026 https://enauczanie.pg.edu.pl/2025/course/view.php?id=4323						
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	40		0.0		0.0	40
Subject objectives	The objectives of the course are: (i) to prepare students for working in a research team engaged in solving a research or researchanddevelopment problem, and to teach them how to meet obligations arising from an established schedule; (ii) to verify a research hypothesis, optimize a process, or conduct work on product and business model development; (iii) to deepen theoretical and practical knowledge, including the use of appropriate analytical and design methods; (v) to develop skills in preparing and presenting research results.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_W101] is able to make an in-depth identification of key objects and phenomena related to the field of study, as well as theories that describe them and applicable analytical and design methods	The student identifies, at an advanced level, the tasks and methods necessary for the implementation of a research project; demonstrates knowledge of selecting an appropriate set of scientific tools to achieve the final outcome.	[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects
	[K7_K101] acknowledges the importance of knowledge related to the field of study in solving cognitive and practical problems, critically assessing the information obtained	The student effectively applies the knowledge acquired during the studies to carry out a research or research and development project and critically analyzes the information necessary to complete the task.	[SK1] Assessment of group work skills [SK2] Assessment of progress of work [SK3] Assessment of ability to organize work [SK5] Assessment of ability to solve problems that arise in practice
[K7_U101] is able to formulate complex research problems and adopts appropriate methods, obtaining innovative solutions, cooperating with other people, both as a leader and a team member	When performing tasks related to research topics, the student identifies the correct methodology for conducting experiments; proposes solutions tailored to the specificity of the investigated problem; correctly performs verification procedures and effectively uses them to determine the parameters of unknown elements under investigation; demonstrates the ability to collaborate effectively within a team, acting either as a leader or as a team member, and develops innovative solutions, presenting them in a form consistent with scientific and/or practical requirements.	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task	
Subject contents	Course content – project In accordance with the requirements specified by the project supervisor.		
Prerequisites and co-requisites	<p>Knowledge of the fundamental research and analytical methods used within the study programme, as well as the ability to work effectively in a team and to communicate successfully in interpersonal settings. An important component is the ability to critically analyse literature and data, and familiarity with the principles of writing scientific reports and presenting results.</p> <p>Additionally, it is desirable that students demonstrate openness to interdisciplinary collaboration and consultation with experts, actively participate in specialist seminars and workshops, and show initiative by independently solving research problems.</p>		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Attendance at lectures	50.0%	20.0%
	Poster (POL+ENG)	100.0%	25.0%
	Project schedule	100.0%	25.0%
	Written report	100.0%	30.0%
Recommended reading	Basic literature	In accordance with the requirements specified by the project supervisor.	
	Supplementary literature	In accordance with the requirements specified by the project supervisor.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	According to requirements and project assumption.		
Practical activities within the subject	Not applicable		

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