



Subject card

Subject name and code	Diploma Seminar, PG_00052337						
Field of study	Chemical Technology						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2028/2029		
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		
Semester of study	7		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Department of Polymer Technology -> Faculty of Chemistry -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. inż. Justyna Kucińska-Lipka				
	Teachers						
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						
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		5.0		30.0	50
Subject objectives	The aim of the diploma seminar is to familiarize students with the principles of preparing a diploma thesis and the principles of preparing presentations related to the diploma thesis. Each participant will also prepare and present a presentation on the origins of the thesis topic, the current state of knowledge on the subject matter, the purpose and scope of the thesis, the research methods and techniques used, the research results obtained, and the main conclusions from the implementation of the thesis.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_K01] Is aware of the social role of a technical university graduate and understands the need to provide information about technical achievements and engineering activities to society, including through the media.		The student is able to communicate technical and popular science topics related to polymers and plastics—including the findings of their own thesis—and to explain their significance to the public.		[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness		
	[K6_U82] is able to obtain and process information related to field of study and academic environment in foreign language at B2 level of the Common European Framework of Reference for Languages (CEFR)		The student is able to obtain and analyze information from sources in English, i.e. literature, databases and others, at the B2 level of the Common European Framework of Reference for Languages in the field of chemical technology, in particular chemistry and polymer technology.		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task		
	[K6_K82] is equipped to participate in lectures, seminars and laboratory classes conducted in foreign language		The student is able to use chemical nomenclature and terminology related to chemical engineering—particularly in the fields of polymer chemistry and polymer technology—in both Polish and English.		[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness		
	[K6_U01] Is able to independently plan the learning process and acquire, analyse and interpret information from various sources, also in English.		The student is able to obtain information from appropriately selected sources in Polish and English, i.e. literature, databases and others, to present the origins of the thesis topic and the current state of knowledge in the undertaken research area.		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU5] Assessment of ability to present the results of task		

Subject contents	Course content – seminar 1. Rules for preparing a diploma thesis at Gdańsk University of Technology (including editorial requirements) 2. Rules for preparing a presentation for a diploma seminar (requirements regarding content and presentation method): • Origins of the diploma thesis topic and the current state of knowledge regarding the research topic • Purpose and scope of the engineering diploma thesis • Research techniques and methods used, purpose of applying individual research methods and techniques • Results of the conducted research and their cause-and-effect analysis • Main conclusions from the diploma thesis		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Seminar (presentations, activity and attendance)	60.0%	100.0%
Recommended reading	Basic literature	Literature related to the topic of research conducted by the student as part of his/her engineering thesis, for example: • J.F. Rabek: Współczesna wiedza o polimerach. Tom 1: Budowa strukturalna polimerów i materiały badawcze, PWN, Warszawa 2017 • J.F. Rabek: Współczesna wiedza o polimerach. Tom 2: Polimery naturalne i syntetyczne, otrzymywanie i zastosowania, PWN, Warszawa 2017 • G.W. Ehrenstein, Ż. Brocka-Krzemińska: Materiały polimerowe: Struktura, właściwości, zastosowanie, PWN, Warszawa 2016 • Literatura naukowa (podręczniki i publikacje naukowe) z zakresu tematyki projektu inżynierskiego	
	Supplementary literature	Literature recommended by the lecturer and/or thesis supervisor	
	eResources addresses		
Example issues/ example questions/ tasks being completed	• Present the origins of your thesis topic, the current state of knowledge regarding your research topic, and the scope of your thesis. • Present the purpose and scope of your thesis, the research techniques and methods used, and the main results and conclusions from your thesis.		
Practical activities within the subject	Not applicable		

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