



Subject card

Subject name and code	Diploma seminar, PG_00063623						
Field of study	Materials Engineering						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2027/2028		
Education level	second-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	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 Nanomaterials Physics -> 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. Barbara Kościelska					
	Teachers	prof. dr hab. inż. Barbara Kościelska					
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	2.0	8.0	25		
Subject objectives	Preparation for the preparation and defense of the thesis.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U01] Can obtain information from literature, databases and other properly selected sources, also in English; can integrate the obtained information, interpret and draw conclusions, formulate and justify opinions	The student is able to use literature databases, obtain information from them that is useful in his/her own research, draw conclusions from them and justify them.			[SU2] Assessment of ability to analyse information		
	[K7_U02] Can independently determine the directions of self-development and implement the self-education process it in order to raise professional competences.	The student is able to determine the direction of his or her development and educate himself or herself to improve his or her competences.			[SU5] Assessment of ability to present the results of task		
	[K7_K82] is equipped to participate actively in lectures, seminars and laboratory classes conducted in foreign language	Ability to use scientific English-language literature.			[SK4] Assessment of communication skills, including language correctness		
	[K7_W04] Has enhanced knowledge of materials sciences, within the scope required for describing and understanding the correlation between the chemical composition, structure and mechanical and physical properties.	The student has in-depth knowledge of materials engineering, allowing him to understand the physicochemical and mechanical properties of materials.			[SW2] Assessment of knowledge contained in presentation		

Subject contents	<p>Course content – seminar Analysis of departmental rules of diploma .</p> <p>Elements of methodology for the preparation of the thesis : the choice of subject matter and the subject of the work , the schedule of the thesis , an analysis of the state of knowledge of the subject thesis , literature review , system operation , the main chapters , aim, conclusions , references, an estimate of experimental research , editorial work elements : text, results computing , graphs , measurement errors .</p> <p>Presentation of the overall theme of the work , a review of the literature.</p> <p>Discussion of results of research of its own. Presentation of the main results of the thesis .</p> <p>Critical analysis of the text of the thesis .</p> <p>Elements of the public / oral presentation of the results of work. Prepare a presentation on the thesis defense .</p> <p>Presentation of typical questions the thesis defense .</p>														
Prerequisites and co-requisites	Completed courses of semesters 1-2 .														
Assessment methods and criteria	<table border="1" data-bbox="448 891 1477 1088"> <thead> <tr> <th data-bbox="448 891 794 931">Subject passing criteria</th> <th data-bbox="794 891 1145 931">Passing threshold</th> <th data-bbox="1145 891 1477 931">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 931 794 987">presentation of their research results</td> <td data-bbox="794 931 1145 987">100.0%</td> <td data-bbox="1145 931 1477 987">35.0%</td> </tr> <tr> <td data-bbox="448 987 794 1043">presentation of the thematic scope of work</td> <td data-bbox="794 987 1145 1043">100.0%</td> <td data-bbox="1145 987 1477 1043">35.0%</td> </tr> <tr> <td data-bbox="448 1043 794 1088">participation in seminars</td> <td data-bbox="794 1043 1145 1088">50.0%</td> <td data-bbox="1145 1043 1477 1088">30.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	presentation of their research results	100.0%	35.0%	presentation of the thematic scope of work	100.0%	35.0%	participation in seminars	50.0%	30.0%
Subject passing criteria	Passing threshold	Percentage of the final grade													
presentation of their research results	100.0%	35.0%													
presentation of the thematic scope of work	100.0%	35.0%													
participation in seminars	50.0%	30.0%													
Recommended reading	<p>Basic literature</p> <p>Supplementary literature</p> <p>eResources addresses</p>	<p>Scientific Method in Practice. Hugh G. Gauch Jr. Cambridge University Press (December 23, 2002). ISBN-13: 978-0521017084</p> <p>The scientific literature thesis</p>													
Example issues/ example questions/ tasks being completed	<p>What is the aim of the research?</p> <p>What is the level of research/knowledge worldwide related to the topic of the work?</p> <p>Do the results obtained in this work have application potential?</p>														
Practical activities within the subject	Not applicable														

Document generated electronically. Does not require a seal or signature.