



Subject card

Subject name and code	Diploma seminar, PG_00058698						
Field of study	Materials Engineering, Materials Engineering						
Date of commencement of studies	February 2024	Academic year of realisation of subject			2024/2025		
Education level	second-cycle studies	Subject group			Optional 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	3	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						
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Barbara Kościelska					
	Teachers	prof. dr hab. inż. Barbara Kościelska prof. dr hab. inż. Janusz Datta					
Lesson types and methods of instruction	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_W07	Knowledge of development trends and the most important new achievements in materials engineering and nanotechnology.			[SW2] Assessment of knowledge contained in presentation		
	K7_W04	Knowledge of materials engineering that allows one to relate the structure, physical and chemical properties of materials.			[SW2] Assessment of knowledge contained in presentation		
	K7_U01	The ability to obtain information, interpret it and draw conclusions.			[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 English-language literature.			[SK4] Assessment of communication skills, including language correctness		
K7_U02	The ability to determine directions of your development in order to improve your competences.			[SU5] Assessment of ability to present the results of task			

Subject contents	<p>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="448 869 1487 1061"> <thead> <tr> <th data-bbox="448 869 798 904">Subject passing criteria</th> <th data-bbox="798 869 1141 904">Passing threshold</th> <th data-bbox="1141 869 1487 904">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 904 798 965">presentation of their research results</td> <td data-bbox="798 904 1141 965">100.0%</td> <td data-bbox="1141 904 1487 965">35.0%</td> </tr> <tr> <td data-bbox="448 965 798 1025">presentation of the thematic scope of work</td> <td data-bbox="798 965 1141 1025">100.0%</td> <td data-bbox="1141 965 1487 1025">35.0%</td> </tr> <tr> <td data-bbox="448 1025 798 1061">participation in seminars</td> <td data-bbox="798 1025 1141 1061">50.0%</td> <td data-bbox="1141 1025 1487 1061">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%
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Recommended reading	Basic literature	Scientific Method in Practice. Hugh G. Gauch Jr. Cambridge University Press (December 23, 2002). ISBN-13: 978-0521017084													
	Supplementary literature	The scientific literature thesis													
	eResources addresses	Adresy na platformie eNauczenie: Seminarium dyplomowe - Moodle ID: 44098 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=44098													
Example issues/ example questions/ tasks being completed	What is the aim of the research?														
Work placement	Not applicable														

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