



Subject card

Subject name and code	Diploma seminar, PG_00064608						
Field of study	Technical Physics						
Date of commencement of studies	February 2027	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	3	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Division of Electron Collisions Physics -> Institute of Physics and Applied Computer Science -> Faculty of Applied Physics and Mathematics -> Faculties of Gdańsk University of Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. Marek Czachor					
	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		2.0		8.0	25
Subject objectives	The main goal of this seminar is preparation of a student to realization of a diploma project and preparation to the final diploma exam. Presentation of formal as well as essential requirements of a master diploma project. Preparation of students to presentation of the project results and to promotional discussion of the most important achievements.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K7_W02] possesses advanced, theoretically grounded knowledge in physics and, to an extent appropriate to professional needs, in related scientific or technical disciplines, including applied computer science, applied physics and photovoltaics.	Ability to solve scientific problems.	[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge
	[K7_U01] demonstrates the ability for lifelong independent learning, including acquiring and integrating information from literature, databases and other relevant sources, as well as critically analysing and selecting information, including patent resources.	Ability to solve scientific problems. Ability to perform a literature study	[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
	[K7_U07] demonstrates advanced skills in disseminating knowledge and communicating research results, both individually and collaboratively, in the form of oral presentations, publications or written reports in Polish and English.	The ability to present research results. Ability to discuss scientific results.	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
[K7_K01] demonstrates readiness for continuous professional development, including updating and critically evaluating knowledge in physics and related fields, and recognising its importance in solving practical and theoretical problems.	The ability to conduct an in-depth and critical analysis of data from the literature and the public domain, particularly information obtained from the internet.	[SK3] Assessment of ability to organize work [SK4] Assessment of communication skills, including language correctness	
Subject contents	Course content – seminar Presentations of progress on the master's project.		
Prerequisites and co-requisites	Not applicable		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentations, attendance	75.0%	100.0%
Recommended reading	Basic literature	Suggested by a thesis advisor.	
	Supplementary literature	Suggested by a thesis advisor.	
	eResources addresses		
Example issues/ example questions/ tasks being completed	Seminar presentation.		
Practical activities within the subject	Not applicable		

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