



## Subject card

Subject name and code	Diploma seminar, PG_00031960						
Field of study	Technical Physics						
Date of commencement of studies	February 2023	Academic year of realisation of subject			2023/2024		
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			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Zakład Fizyki Zderzeń Elektronowych -> Instytut Fizyki i Informatyki Stosowanej -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Maciej Demianowicz					
	Teachers	dr hab. inż. Maciej Demianowicz					
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	30.0	30
	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	30		4.0		16.0	50
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_K05] Can communicate and present results of own work and transfer information in a commonly understandable manner.	Students know rules of participation in scientific discussions.	[SK4] Assessment of communication skills, including language correctness
	[K7_U10] Can determine interests related to the field of study and develop them.	The ability to define the problem for scientific research.	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
	[K7_U07] Has enhanced skill of preparing speeches in Polish and English, including presentation of own research results.	The ability to present research results. Ability to discuss scientific results.	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task
	[K7_U01] Can learn independently, obtain and integrate information from literature, databases and other properly selected sources (in Polish and English). Can critically analyze and select information. Can use patent information resources.	Ability to solve scientific problems. Ability to perform a literature study	[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
[K7_W02] Has enhanced, theoretically-founded, detailed knowledge of selected field of physics, and sufficient knowledge of related fields of science or technology.	Ability to solve scientific problems.	[SW1] Assessment of factual knowledge [SW2] Assessment of knowledge contained in presentation	
Subject contents	<p>Rules for the preparation of MSc thesis</p> <p>Diploma process rules</p> <p>Diploma exam questions</p> <p>Seminars (students' presentations) on the subject of MSc theses</p>		
Prerequisites and co-requisites			
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	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Seminar presentation.		
Work placement	Not applicable		