



## Subject card

Subject name and code	Diploma/Final Project, PG_00031972						
Field of study	Technical Physics						
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 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			4.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Atomic, Molecular and Optical Physics -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Paweł Możejko					
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	60.0	0.0	60
	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	60	8.0		32.0	100	
Subject objectives	Preparation of a diploma thesis.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_W01] Has extended and systematized knowledge of the basics of physics.	Has extensive and structured knowledge in the field of basic physics areas such as classical mechanics and classical electrodynamics.			[SW3] Assessment of knowledge contained in written work and projects		
	[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.	Can learn independently, obtain and integrate information from literature, databases and other properly selected sources (in Polish and English). Has the ability to critically analyze and select information. Can use patent information resources.			[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information		
	[K7_U04] Can formulate and test hypotheses related to research problems.	She/he is able to formulate and test hypotheses related to research problems.			[SU3] Assessment of ability to use knowledge gained from the subject		
	[K7_U05] Can plan and conduct theoretical calculations, experimental research and computer simulations, critically analyze their results, draw conclusions and form reasoned opinions.	Is able to plan and carry out theoretical calculations, experimental studies and computer simulations, critically analyze their results, draw conclusions and formulate motivated opinions.			[SU3] Assessment of ability to use knowledge gained from the subject [SU1] Assessment of task fulfilment		
	[K7_U10] Can determine interests related to the field of study and develop them.	Can determine his interests related to the field of study and develop them.			[SU1] Assessment of task fulfilment		
[K7_K04] Can systematically work on long-term projects.	Can systematically work on long-term projects.			[SK2] Assessment of progress of work			
Subject contents	Depending on a subject of a thesis.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
		Preparation of a diploma thesis.	100.0%
Recommended reading	Basic literature	Depends on a subject of a diploma thesis.	
	Supplementary literature	None.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	Depending on a subject of a diploma thesis.		
Work placement	Not applicable		