



Subject card

Subject name and code	Diploma Thesis, PG_00037264						
Field of study	Technical Physics						
Date of commencement of studies	October 2021		Academic year of realisation of subject		2024/2025		
Education level	first-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	4		Language of instruction		Polish		
Semester of study	7		ECTS credits		16.0		
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						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Tomasz Wąsowicz				
	Teachers		prof. dr hab. Marek Czachor dr hab. Jan Franz dr hab. Mateusz Zawadzki dr hab. Paweł Możejko dr hab. inż. Jakub Karczewski dr Małgorzata Franz prof. dr hab. Józef Sienkiewicz dr hab. Tomasz Wąsowicz dr inż. Marek Chmielewski dr inż. Ireneusz Linert dr inż. Damian Głowienka				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	30.0	0.0	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		10.0		360.0	400
Subject objectives	Research and scientific works being the basis of engineering diploma. Preparation of an engineering diploma.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	K6_U02	Ability to conduct experimental and theoretical scientific research in the field of physics.	[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information
	K6_W10	The ability to recognize the ethical determinants of research. Knowledge of copyright law.	[SW3] Assessment of knowledge contained in written work and projects [SW2] Assessment of knowledge contained in presentation
	K6_U10	Ability to conduct experimental and theoretical scientific research in the field of physics.	[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information
	K6_K05	Ability to write a thesis. Ability to prepare a presentation.	[SK5] Assessment of ability to solve problems that arise in practice [SK3] Assessment of ability to organize work [SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness
	K6_U01	Ability to conduct a literature study. Ability to prepare a bibliography	[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
Subject contents	This subject is a graduate work under the supervision of the supervisor on an engineering project.		
Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Assessment of the diploma thesis	65.0%	100.0%
Recommended reading	Basic literature	Basic literature is provided in the description of the individual proposed topics of engineering works.	
	Supplementary literature	It will be given individually by the thesis supervisor.	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed			
Work placement	Not applicable		

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