



Subject card

Subject name and code	Diploma Thesis, PG_00037264						
Field of study	Technical Physics						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2023/2024		
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	Instytut Fizyki i Informatyki Stosowanej -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Paweł Możejko					
	Teachers	dr inż. Ewa Erdmann dr hab. inż. Ryszard Barczyński dr inż. Daniel Pelczarski dr inż. Paweł Syty dr Maciej Kuna dr hab. inż. Jakub Karczewski dr hab. Tomasz Wąsowicz dr hab. Paweł Możejko dr inż. Tomasz Minkiewicz David Zeugin dr inż. Ireneusz Linert dr Mykola Shopa prof. dr hab. Marek Czachor 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_K05	Ability to write a thesis. Ability to prepare a presentation.	[SK1] Assessment of group work skills
	K6_U01	Ability to conduct a literature study. Ability to prepare a bibliography	[SU1] Assessment of task fulfilment
	K6_W10	The ability to recognize the ethical determinants of research. Knowledge of copyright law.	[SW2] Assessment of knowledge contained in presentation [SW3] Assessment of knowledge contained in written work and projects
	K6_U10	Ability to conduct experimental and theoretical scientific research in the field of physics	[SU3] Assessment of ability to use knowledge gained from the subject [SU4] Assessment of ability to use methods and tools
	K6_U02	Ability to conduct experimental and theoretical scientific research in the field of physics	[SU2] Assessment of ability to analyse information [SU4] Assessment of ability to use methods and tools
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		