



## Subject card

Subject name and code	Diploma laboratory, PG_00064444						
Field of study	Biomedical Engineering, Biomedical Engineering, Biomedical Engineering						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2025/2026		
Education level	second-cycle studies	Subject group			Optional subject group Specialty 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	4	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Institute of Physics and Applied Computer Science -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Brygida Mielewska					
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	15.0	0.0	0.0	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		13.0		30
Subject objectives	The aim of the course is to perform practical activities necessary to implement a master's diploma project (e.g. measurements, calculations, modeling, simulations, critical analysis)						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K7_U12] is able, to an increased extent, to analyze the operation of components and systems related to the field of study, as well as to measure their parameters and study their technical characteristics, and to plan and carry out experiments related to the field of study, including computer simulations, interpret the obtained results and draw conclusions	student performs practical activities necessary to complete the master's diploma project (e.g. measurements, calculations, modeling, simulations, critical analysis)			[SU1] Assessment of task fulfilment		
	[K7_K71] is able to explain the need to apply knowledge from humanistic, social, economic or legal sciences in order to function in a social environment	student analyzes the legal, social or economic aspects of the research being carried out			[SK5] Assessment of ability to solve problems that arise in practice		
	[K7_K02] is ready to provide critical evaluation of received content and to acknowledge the importance of knowledge in solving cognitive and practical problems	The student analyzes the literature related to the topic of the diploma thesis			[SK2] Assessment of progress of work		
Subject contents	content related to the topic of the diploma project						
Prerequisites and co-requisites	none						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	work during the diploma semester	70.0%			100.0%		
Recommended reading	Basic literature	related to the diploma thesis					
	Supplementary literature	related to the diploma thesis					

	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	related to the diploma thesis	
Work placement	Not applicable	

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