

Subject card

Subject name and code	Application of Electronics in Data Acquisition, PG_00154483						
Field of study	Medical Physics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2024/2025		
Education level	postgraduate studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	1		Language of instruction		Polish		
Semester of study	2		ECTS credits		3.0		
Learning profile	academic		Assessment form				
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rektor						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Krzysztof Dorywalski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	30.0	0.0	0.0	45
	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	45		0.0		45.0	90
Subject objectives	not applicable						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[FIZMEDMU2_W04] knows the principles of operation of measurement systems and research equipment specific to the area of physics related to the selected specialization or knows advanced methods of theoretical and mathematical physics		not applicable		[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report		
	[FIZMEDMU2_W03] knows advanced experimental, observational and numerical techniques allowing to plan and perform a complex physical experiment or computer simulation		not applicable		[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report		
	[FIZMEDMU2_U02] has the ability to plan and conduct basic and advanced experiments or observations in specific areas of physics or its applications		not applicable		[SU5] implementation of a problem task [SU6] demonstration of practical skills [SU8] observation of student's independent or team work		
	[FIZMEDMU2_W07] knows the principles of occupational health and safety to the extent that allows for independent work in the area corresponding to the chosen specialization		not applicable		[SW1] oral statement/ conversation/discussion [SW2] presentation/project/paper/ report		
Subject contents	not applicable						
Prerequisites and co-requisites	not applicable						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	not applicable	51.0%	10.0%
	not applicable	0.0%	10.0%
	not applicable	51.0%	80.0%
Recommended reading	Basic literature	not applicable	
	Supplementary literature	not applicable	
	eResources addresses	Adresy na platformie eNauczanie:	
Example issues/ example questions/ tasks being completed	not applicable		
Work placement	Not applicable		

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