

Subject card

Subject name and code	Nuclear and elementary particles physics - exercises, PG_00155849						
Field of study	Physics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Master's 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	2		Language of instruction		Polish not applicable		
Semester of study	3		ECTS credits		2.0		
Learning profile	academic		Assessment form		credit		
Conducting unit	Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Angelina Łobejko				
	Teachers		dr inż. Angelina Łobejko				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	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		0.0		30.0	60
Subject objectives	not applicable						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[FIZMU2_K02] is aware of the conclusive role of experiment in the verification of physical theories; is aware of the scientific method in the accumulation of knowledge	not applicable	[SK1] oral statement/conversation/discussion [SK3] text preparation/written work
	[FIZMU2_U09] can work independently and in a team	not applicable	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work
	[FIZMU2_W01] has an extended knowledge of general physics and an advanced knowledge of a selected area of physics; knows the history of the development of physics and its importance for the progress of science and natural sciences, world cognition and social development	not applicable	[SW1] oral statement/conversation/discussion [SW3] text preparation/written work
	[FIZMU2_U01] is able to apply the scientific method in solving physical problems, performing experiments and making inferences	not applicable	[SU1] oral statement/conversation/discussion [SU3] text preparation/written work
	[FIZMU2_K08] is able to formulate competent opinions on professional issues and opinions on some issues that occupy public opinion, such as the greenhouse effect, renewable energy or nuclear energy	not applicable	[SK1] oral statement/conversation/discussion [SK3] text preparation/written work
	[FIZMU2_K01] knows the limits of his own knowledge and skills; can formulate questions precisely; understands the need for further education of himself and others	not applicable	[SK1] oral statement/conversation/discussion [SK3] text preparation/written work
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	0.0%	10.0%
	not applicable	51.0%	90.0%
Recommended reading	Basic literature	not applicable	
	Supplementary literature	not applicable	
	eResources addresses		
Example issues/ example questions/ tasks being completed	not applicable		
Work placement	Not applicable		

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