

**Subject card**

<b>Subject name and code</b>	Physics teaching in primary school, PG_00182356						
<b>Field of study</b>	Physics						
<b>Date of commencement of studies</b>	October 2026	<b>Academic year of realisation of subject</b>				2026/2027	
<b>Education level</b>	Master's studies	<b>Subject group</b>					
<b>Mode of study</b>	full-time studies	<b>Mode of delivery</b>				at the university	
<b>Year of study</b>	1	<b>Language of instruction</b>				Polish	
<b>Semester of study</b>	1	<b>ECTS credits</b>				4.0	
<b>Learning profile</b>	academic	<b>Assessment form</b>				credit	
<b>Conducting unit</b>	Laboratory for Physics Teaching -> Institute of Experimental Physics -> Faculty of Mathematics, Physics and Informatics -> Rector						
<b>Name and surname of lecturer (lecturers)</b>	<b>Subject supervisor</b>		dr Adrian Kołodziejski				
	Teachers						
<b>Lesson types</b>	<b>Lesson type</b>	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	<b>Number of study hours</b>	15.0	30.0	30.0	0.0	0.0	75
	E-learning hours included: 0.0						
<b>Learning activity and number of study hours</b>	<b>Learning activity</b>	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	<b>Number of study hours</b>	75		0.0		0.0	75
<b>Subject objectives</b>	Acquisition of knowledge in the field of physics didactics necessary for the practice of the profession of a physics teacher in primary school.						
<b>Learning outcomes</b>	<b>Course outcome</b>		<b>Subject outcome</b>			<b>Method of verification</b>	
			The course fulfills the following detailed learning outcomes as set forth in the Regulation of the Minister of Science and Higher Education of 25 July 2019 on the standards of education preparing for the teaching profession: D.1/E.1.W1., D.1/E.1.W2., D.1/E.1.W3., D.1/E.1.W4., D.1/E.1.W5., D.1/E.1.W6., D.1/E.1.W7., D.1/E.1.W8., D.1/E.1.W9., D.1/E.1.W10., D.1/E.1.W11., D.1/E.1.W12., D.1/E.1.W13., D.1/E.1.W14., D.1/E.1.W15., D.1/E.1.U1., D.1/E.1.U2., D.1/E.1.U3., D.1/E.1.U4., D.1/E.1.U5., D.1/E.1.U6., D.1/E.1.U7., D.1/E.1.U8., D.1/E.1.U9., D.1/E.1.U10., D.1/E.1.U11., D.1/E.1.K1., D.1/E.1.K2., D.1/E.1.K3., D.1/E.1.K4., D.1/E.1.K5., D.1/E.1.K6., D.1/E.1.K7., D.1/E.1.K8., D.1/E.1.K9.			[SW4] test/exam - oral or written [SU3] text preparation/written work	
<b>Subject contents</b>	<p>Organization of physical education in Poland.</p> <p>Methods of physical education.</p> <p>Methods of implementing selected educational content in primary school.</p>						

<b>Prerequisites and co-requisites</b>	A student commencing the course Didactics of Physics in Primary School must have passed courses from the block Psychological and Pedagogical Preparation for Teachers (courses from groups A, B, and C in accordance with the Teacher Education Standards).		
<b>Assessment methods and criteria</b>	<b>Subject passing criteria</b>	<b>Passing threshold</b>	<b>Percentage of the final grade</b>
	Completion of all course assignments	51.0%	50.0%
	Exam	51.0%	50.0%
<b>Recommended reading</b>	Basic literature	<ol style="list-style-type: none"> <li>1. Lewis J.I., Nauczanie fizyki, PWN, Warszawa 1982.</li> <li>2. Sawicki M., Zasady i metody nauczania fizyki, PZWS, Warszawa 1973.</li> <li>3. Cooper L.N. Istota i struktura fizyki, PWN, Warszawa 1975.</li> <li>4. Legal acts of the Ministry of Higher Education</li> </ol>	
	Supplementary literature	Exercise books for physics instruction in primary school	
	eResources addresses		
<b>Example issues/ example questions/ tasks being completed</b>			
<b>Work placement</b>	Not applicable		

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