

Subject card

Subject name and code	Physics Teaching in Secondary School, PG_00208568						
Field of study	Physics						
Date of commencement of studies	October 2026	Academic year of realisation of subject			2026/2027		
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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			4.0		
Learning profile	academic	Assessment form			credit		
Conducting unit	Laboratory for Physics Teaching -> Institute of Experimental Physics -> Faculty of Mathematics, Physics and Informatics -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Adrian Kołodziejski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	30.0	0.0	0.0	75
	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	75		0.0		25.0	100
Subject objectives	Acquisition of knowledge in the field of physics didactics necessary for the practice of the profession of a physics teacher in secondary school.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
Subject contents	<p>Application of formative assessment strategies in secondary school</p> <p>Methods of implementing the indicated educational content at the secondary school level</p> <p>Problem-based teaching</p>						
Prerequisites and co-requisites	A student commencing the course Didactics of Physics in Secondary 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).						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Exam		51.0%		50.0%		
	Completion of all course assignments		51.0%		50.0%		

Recommended reading	Basic literature	<p>Legal acts of the Ministry of National Education / Ministry of Science and Higher Education</p> <p>school textbooks</p> <p>popular science literature in physics</p> <p>M. Głowacki Dydaktyka fizyki, zagadnienia ogólne, Wydawnictwo WSP Częstochowa, 1994 M. Głowacki Dydaktyka fizyki, zagadnienia szczegółowe, Wydawnictwo WSP Częstochowa, 1996 K. Kruszewski (red.) Sztuka nauczania. Czynności nauczyciela, Wydawnictwo Naukowe PWN, Warszawa 2004</p>
	Supplementary literature	Workbooks for teaching physics in secondary school
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

Document generated electronically. Does not require a seal or signature.