

Subject card

Subject name and code	Professional practice of teaching physics in secondary school, PG_00182355						
Field of study	Physics						
Date of commencement of studies	October 2025		Academic year of realisation of subject		2026/2027		
Education level	Master's studies		Subject group				
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		2.0		
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	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		0.0	30
Subject objectives	Application of the acquired knowledge in didactics in practical activities. Familiarization with experiences related to the work of a physics teacher in secondary school.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
			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.2/E.2.W1., D.2/E.2.W2., D.2/E.2.W3., D.2/E.2.U1., D.2/E.2.U2., D.2/E.2.U3., D.2/E.2.K1.		[SW1] oral statement/ conversation/discussion [SU7] entries and opinions in the internship diary [SK7] entries and opinions in the internship diary		
Subject contents	- The specifics of the school where the practice is conducted - Observation of teacher and student activities in various pedagogical situations - Planning and conducting physics lessons (utilizing diverse teaching methods, work forms, and organizing the material environment of the class) - Assessment of students knowledge and skills; evaluating students work - Analysis and interpretation of observed or experienced pedagogical events						
Prerequisites and co-requisites	A student commencing the course <i>Professional Practice in Teaching Physics in Secondary School</i> must have completed courses from the <i>Psychological and Pedagogical Preparation for Teachers</i> block (courses from groups A, B, and C in accordance with the Teacher Education Standards) and be currently undertaking the course <i>Didactics of Physics in Secondary School</i> .						
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Positive evaluation, proper report, observation notes, lesson plans of own classes, confirmation of practice hours.		100.0%		100.0%		

Recommended reading	Basic literature	Core Curriculum for the subject of Physics at all levels of education (available on the website of the Ministry of National Education) Current textbooks approved by the Ministry of National Education for teaching physics in primary and secondary schools Currently applicable documents: the Education Act and the Teachers Charter (available on the website of the Ministry of National Education)
	Supplementary literature	Materials from the course <i>Didactics of Physics in Secondary School</i> .
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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