University of Gdańsk

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 *Professional Practice in Teaching Physics in Secondary School* must have completed courses from the *Psychological and Pedagogical Preparation for Teachers* block (courses from groups A, B, and C in accordance with the Teacher Education Standards) and be currently undertaking the course *Didactics of Physics in Secondary School*.

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 *Didactics of Physics in Secondary School*.
	eResources addresses	
Example issues/ example questions/ tasks being completed		
Work placement	Not applicable	

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