



## Subject card

Subject name and code	Seminar of applied physics II, PG_00037286						
Field of study	Technical Physics						
Date of commencement of studies	October 2023		Academic year of realisation of subject		2025/2026		
Education level	first-cycle studies		Subject group		Optional subject group Subject group related to scientific research in the field of study		
Mode of study	Full-time studies		Mode of delivery		at the university		
Year of study	3		Language of instruction		Polish		
Semester of study	5		ECTS credits		1.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Division of Atomic Molecular and Optical Physics -> Institute of Physics and Applied Computer Science -> Faculty of Applied Physics and Mathematics -> Wydziały Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		prof. dr hab. Anna Perelomova				
	Teachers		prof. dr hab. Anna Perelomova				
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	0.0	0.0	0.0	15.0	15
	E-learning hours included: 0.0						
	eNauczanie source address: <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46326">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46326</a> Moodle ID: 46326 Seminarium Fizyki Stosowanej II <a href="https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46326">https://enauczanie.pg.edu.pl/moodle/course/view.php?id=46326</a>						
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	15		2.0		8.0	25
Subject objectives	The ability to prepare and present issues in the field of physics.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_U07] Can present basic facts within the scope of physics and other scientific disciplines in a clear manner.		The student uses mathematical apparatus to describe physical phenomena and interprets these phenomena correctly.		[SU5] Assessment of ability to present the results of task [SU1] Assessment of task fulfilment		
	[K6_K05] Can present own work results, transfer information in a commonly understandable manner, communicate and self-evaluate, as well as constructively evaluate the effects of other persons' work.		The student prepares a presentation on a general or specialized physics topic.		[SK1] Assessment of group work skills [SK3] Assessment of ability to organize work		
	[K6_U01] Can learn independently, obtain information from literature, databases and other properly selected sources.		The student shows interest in finding sources for presenting interesting physics issues.		[SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject		
	[K6_U08] Can prepare written works and speeches in Polish and English, concerning detailed issues of physics and related fields, and scientific disciplines.		The student monitors the presentation time and answers to questions.		[SU4] Assessment of ability to use methods and tools [SU2] Assessment of ability to analyse information		
Subject contents	The content of the seminars, specifically the presentation topics, is based on student suggestions. Examples include: "Using Physics in Diving" and "Important Advances in Physics in the Last 20 Years." There will be reserved time for discussion and questions.						
Prerequisites and co-requisites							

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Prezentation	50.0%	100.0%
Recommended reading	Basic literature	It depends on the subject of the students' presentation	
	Supplementary literature	It depends on the subject of the students' presentation	
	eResources addresses		
Example issues/ example questions/ tasks being completed	To think about, to suggest and, with the consent of the presenter, present the applications of physics in science, technology or everyday life.		
Work placement	Not applicable		

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