



Subject card

Subject name and code	Seminar of applied physics I, PG_00037287						
Field of study	Technical Physics						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2023/2024		
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	2	Language of instruction			Polish		
Semester of study	4	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Department of Atomic, Molecular and Optical Physics -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Sebastian Bielski					
	Teachers	dr inż. Sebastian Bielski					
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						
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	Teaching students how to prepare and give a presentation on a given or chosen topic and how to discuss.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_U01	Student is able to acquire and use information from various resources.			[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information		
	K6_K05	Student is able to present information in an understandable way and take part in the discussion.			[SK4] Assessment of communication skills, including language correctness		
	K6_U08	Student can collect and present scientific information in a comprehensible way both in Polish and in English, and take part in the discussion.			[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU3] Assessment of ability to use knowledge gained from the subject		
	K6_U07	Student can present information in an understandable way.			[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools		
Subject contents	Preparation of a scientific presentation on a given topic and its presentation. Discussion and commenting on the presentation.						
Prerequisites and co-requisites	Basic knowledge of various branches of physics.						

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Oral presentation, abstract, attendance.	100.0%	100.0%
Recommended reading	Basic literature	Dependent on the theme of the presentation.	
	Supplementary literature	None	
	eResources addresses	Adresy na platformie eNauczenie: Seminarium Fizyki Stosowanej I 2023/24 - Moodle ID: 34683 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=34683	
Example issues/ example questions/ tasks being completed	Atom models; Antimatter; clusters; Cold fusion; biomolecules		
Work placement	Not applicable		