



Subject card

Subject name and code	English in nanotechnology, PG_00049180						
Field of study	Nanotechnology						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2024/2025		
Education level	first-cycle 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	3	Language of instruction			English		
Semester of study	5	ECTS credits			2.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Institute of Nanotechnology and Materials Engineering -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Michał Winiarski					
	Teachers	dr inż. Michał Winiarski					
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	30.0	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	1.0		19.0		50
Subject objectives	The aim of the course is to familiarize students with the basics of English terminology used in nanotechnology and materials science and engineering.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	K6_K05	The student is able to clearly and correctly present a summary of a scientific article he or she has read.			[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness		
	K6_U11	The student is able to construct a statement in English on a selected topic related to the field of nanotechnology.			[SU1] Assessment of task fulfilment [SU5] Assessment of ability to present the results of task [SU2] Assessment of ability to analyse information		
Subject contents	Laboratory and measurement equipment. English terminology in solid state physics and chemistry and nanotechnology Nomenclature used in materials science and engineering.						
Prerequisites and co-requisites	Good command of spoken and written English.						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	final exam	50.0%			33.0%		
	homeworks	50.0%			33.0%		
	short tests during the semester	50.0%			34.0%		

Recommended reading	Basic literature	Artur Domański, Piotr Domański, English in Science and Technology. Angielski w naukach ścisłych i technicznych. Wyd. Poltext
	Supplementary literature	Selected scientific papers
	eResources addresses	Adresy na platformie eNauczenie: Język angielski w nanotechnologii - 2024/25 - Moodle ID: 41530 https://enauczenie.pg.edu.pl/moodle/course/view.php?id=41530
Example issues/ example questions/ tasks being completed	<p>Translate sentences from English to Polish and vice versa.</p> <p>Give the names of the lab equipment in the material synthesis laboratory.</p>	
Work placement	Not applicable	

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