



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 eNauczanie: Język angielski w nanotechnologii - 2024/25 - Moodle ID: 41530 https://enauczanie.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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