



Subject card

Subject name and code	English in nanotechnology, PG_00049180						
Field of study	Nanotechnology						
Date of commencement of studies	October 2020		Academic year of realisation of subject		2022/2023		
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	6		ECTS credits		2.0		
Learning profile	general academic profile		Assessment form		assessment		
Conducting unit	Zakład fizyki nanomateriałów -> Instytut Nanotechnologii i Inżynierii Materiałowej -> Faculty of Applied Physics and Mathematics						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Kamil Kolincio				
	Teachers		dr inż. Kamil Kolincio				
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 related sciences, including technical sciences.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	K6_K05		The student presents the developed materials in front of the class group and actively participates in the discussion		[SK4] Assessment of communication skills, including language correctness [SK2] Assessment of progress of work		
	K6_U11		Student independently translates and processes texts in English		[SU1] Assessment of task fulfilment [SU2] Assessment of ability to analyse information		
Subject contents	Nomenclature in scope of measurement equipment and methods. English vocabulary in physics, nanotechnology, and related engineering sciences Chemical terminology, with special emphasis on solid state chemistry..						
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		
	short tests during the semester		51.0%		66.0%		
	homeworks		51.0%		17.0%		
	active participation in classes/discussion		51.0%		17.0%		

Recommended reading	Basic literature	Artur Domański, Piotr Domański, English in Science and Technology. Angielski w naukach ścisłych i technicznych. Wyd. Poltext Słownik naukowo-techniczny polsko-angielski i angielsko polski, WNT
	Supplementary literature	Selected scientific papers
	eResources addresses	Adresy na platformie eNauczanie: Język angielski w nanotechnologii - Moodle ID: 30019 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=30019
Example issues/ example questions/ tasks being completed	<p>Translate sentences from English to Polish and vice versa.</p> <p>Name the experimental methods used in nanotechnology</p>	
Work placement	Not applicable	