



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 eNauczenie: 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	Translate sentences from English to Polish and vice versa. Name the experimental methods used in nanotechnology	
Work placement	Not applicable	