

Subject card

Subject name and code Field of study Date of commencement of february 2025 Subject of study Power of study Mode of study Full time studies Mode of delivery Full time studies Full time studies Full time studies Mode of delivery Full time studies Full tim									
Date of commencement of studies Power	Subject name and code	English in nanotechnology, PG_00049317							
Education level Second-cycle studies Subject group Obligatory subject group in the field of study Mode of study Full-time studies Mode of delivery at the university	Field of study	Nanotechnology							
Mode of study		February 2025					2024/2025		
Year of study 1 Language of instruction English Semester of study 1 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) Teachers Lesson types and methods of instruction Subject supervisor Teachers Lesson types and methods of instruction Learning activity and number of study hours E-learning hours included: 0.0 Learning activity and number of study hours Subject objectives The aim of the course is to familiarize students with the basics of English terminology used in nanotechnology and material science. Learning outcomes Course outcome IR7_W81] has knowledge of complex and objectialist language related to field of study. R7_U81] is able to communicate with assess in consistent with assess in recipinal nanguage in terms of general and specialist English and operated in integration and specialist Inguage related to field of study. R7_U81] is able to communicate with assess in recipinal nanguage in the English language related to field of study. R7_U81] is able to communicate with the English language. Subject contents Learning outcomes Learning outcomes Course outcome R7_W81] has knowledge of communicates in the general and specialist English and operated in mitrematical students with assessment of factual manual professional environments R7_W81] has knowledge of communicates in the general and specialist English English and spec	Education level	second-cycle studies		Subject group					
Semester of study Learning profile Jeneral academic profile Jeneral Institute of Nanotechnology and Materials Engineering -> Faculty of Applied Physics and Mathematics Name and summe of lecturer (lecturers) Jeneral Subject supervisor Teachers Lesson types and methods of instruction Learning activity and number of study hours Learning activity and number of study hours Jeneral Institute of Nanotechnology and material science. Learning activity and number of study hours The aim of the course is to familiarize students with the basics of English terminology used in nanotechnology and material science. Learning outcomes Course outcome [K7_W811 has knowledge of complex prammatical structures and diverse lexical resources needed to communicate in foreign language in terms of general and specialist English language related to left of lend of lend of projects Jeneral Institute to morninate in the general and specialist English language related to left of lend of study. K7_USI1 is able to communicate with ease in foreign language related to left of lend of study. K7_USI1 is able to communicate in foreign language related to left of lend of study. K7_USI1 is able to communicate in foreign language at with a sale in corperate in international team at the refine own university, unique work places and professional environments K7_K7_K811 is able to cooperate in international team at the university and abroad. Subject contents Jeneral academic profile Jeneral academi	Mode of study	Full-time studies		Mode of delivery			at the university		
Learning profile general academic profile Assessment form assessment Conducting unit Institute of Nanotechnology and Materials Engineering → Faculty of Applied Physics and Mathematics Subject supervisor Teachers Lesson types and methods of instruction Learning activity and number of study hours Learning activity and number of study hours Learning activity The aim of the course is to familiarize students with the basics of English terminology used in nanotechnology and material science. Learning outcomes	Year of study	1		Language of instruction			English		
Institute of Nanotechnology and Materials Engineering -> Faculty of Applied Physics and Mathematics	Semester of study	1		ECTS credits			2.0		
Name and surname of lecturer (lecturers) Lesson types and methods of instruction Lesson types and methods of instruction Lesson types and methods of instruction Learning activity and number of study hours The aim of the course is to familiarize students with the basics of English terminology used in nanotechnology and material science. Course outcome	Learning profile	general academic profile		Assessment form			assessment		
Lesson types and methods of instruction Lesson type Lecture Tutorial Laboratory Project Seminar SUM	Conducting unit	Institute of Nanotechnology and Materials Engineering -> Faculty of Applied Physics and Mathematics							ematics
Lesson types and methods of instruction Number of study 0.0 0.0 0.0 0.0 0.0 0.0 30.0 30	Name and surname	Subject supervisor							
Number of study hours E-learning hours included: 0.0 Learning activity and number of study hours Number of s	of lecturer (lecturers)	Teachers							
Learning activity and number of study hours Learning activity Participation in didactic classes included in study plan Learning activity Participation in didactic classes included in study plan Learning activity Sum Self-study Self-study Self-study Self-study Self-study Sum Self-study Se			!		· ·	ory Project		 	+
Learning activity and number of study hours Learning activity Participation in didactic classes included in study Number of study 30 2.0 18.0 50	of instruction	hours		0.0	0.0	0.0	30.0		30
Course outcome Subject outcome Method of verification			11-141				0.15.4.1		
The aim of the course is to familiarize students with the basics of English terminology used in nanotechnology and material science. Course outcome	Learning activity and number of study hours	Learning activity	classes includ				Self-study		SUM
Course outcome Subject outcome Method of verification		1.	30		2.0)			50
K7_W81 has knowledge of complex grammatical structures and diverse lexical resources needed to communicate in foreign language in terms of general and specialist language. Hat is consistent with his / her field of study. K83 Assessment of knowledge contained in written work and projects	Subject objectives								
complex grammatical structures and diverse lexical resources needed to communicate in foreign language in terms of general and specialist language; that is consistent with his / her field of study. [KT_U81] is able to communicate with ease in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR) in everyday life, in academic and professional environments [KT_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad Laboratory and measurement equipment. Laboratory and measurement equipment and environments English terminology in solid state physics and chemistry and nanotechnology Nomenclature used in materials science and engineering. Prerequisites Good command of spoken and written English.	Learning outcomes	Course out	come	Subj	ject outcome			Method of ver	ification
With ease in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR) in everyday life, in academic and professional environments [K7_K81] is able to cooperate in international team at her/his own university, during work placement and during study abroad The student cooperates in international teams at the university and abroad. Subject contents Laboratory and measurement equipment. English terminology in solid state physics and chemistry and nanotechnology Nomenclature used in materials science and engineering. Prerequisites Good command of spoken and written English. Of the English language. Îtulfilment Itulfilment Itulfilme		complex grammatical structures and diverse lexical resources needed to communicate in foreign language in terms of general and specialist language related to field		general and specialist English language, that is consistent with his / her field of study.			knowledge [SW3] Assessment of knowledge contained in written work and		
international team at her/his own university, during work placement and during study abroad international teams at the university and abroad. Subject contents Laboratory and measurement equipment. English terminology in solid state physics and chemistry and nanotechnology Nomenclature used in materials science and engineering. Prerequisites Good command of spoken and written English.		with ease in foreign language at B2+ level of the Common European Framework of Reference for Languages (CEFR) in everyday life, in academic and							
English terminology in solid state physics and chemistry and nanotechnology Nomenclature used in materials science and engineering. Prerequisites Good command of spoken and written English.		international team at her/his own university, during work placement		international teams at the					
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		Good command of sp	ooken and writt	en English.					

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Assessment methods	Subject passing criteria	Passing threshold	Percentage of the final grade			
and criteria	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	pplementary literature Selected scientific papers				
	eResources addresses	Adresy na platformie eNauczanie:				
Example issues/ example questions/ tasks being completed	Translate sentences from English to Polish and vice versa.					
	Give the names of the lab equipment in the material synthesis laboratory.					
Work placement	Not applicable					

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