

1.	Field of study	Physics
2.	Faculty	Faculty of Science and Technology
3.	Academic year of entry	2025/2026 (winter term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

7.	General information about the module	
Module name		Scientific English
Module code		W4-FZ-BP-S2-1-25-15
Number of the ECTS credits		4
Language of instruction		English
Purpose and description of the content of education		The module aims to develop communicative language competencies in the specialized language relevant to the specific field of study (reading, listening, speaking, writing, interaction), considering necessary language strategies. The module enhances the ability for self-learning, knowledge acquisition, teamwork, and effective communication within the context of specialized language.
List of modules that must be completed before starting this module (if necessary)		not applicable

8.	Learning outcomes of the module			
Code	Description	Learning outcomes of the programme		Level of competenc (scale 1-5)
E1	students comprehend the meaning of oral communication and content in specialized texts, including understanding discussions on specialized topics within the subject area	KF_U01		3
		KF_U04		3
		KF_U12		3
		KF_U13		3
		KF_U14		3
E2	students formulate clear and coherent oral and written expressions using the rules of discourse organization and appropriate register	KF_U01		5
		KF_U04		5
		KF_U12		5
		KF_U13		5
		KF_U14		5
		KF_U15		5
E3	students communicate using various channels and communication techniques in the specialized language relevant to their field of study	KF_U01		2
		KF_U04		2
		KF_U12		2

		KF_U13	2
		KF_U14	2
E4	students search for, select, analyze, evaluate, and classify information using various sources and methods	KF_U01	3
		KF_U04	3
		KF_U12	3
		KF_U13	3
		KF_U14	3
E5	students understand the need for further education, conduct self-assessment, and are able to supplement and improve their acquired knowledge and skills. They can work in a team, communicate within their workplace environment, and seek continuous improvement	KF_U01	2
		KF_U04	2
		KF_U12	2
		KF_U13	2
		KF_U14	2
E6	students understand the importance of oral communication and the content of specialized texts, including comprehension of discussions on specialized topics within the subject area	KF_U01	4
		KF_U04	4
		KF_U12	4
		KF_U13	4
		KF_U14	4

9. Methods of conducting classes			
Code	Category	Name (description)	
e01	Practical methods	Laboratory exercise / experiment <i>[also conducted as fieldwork] a method of practical application of knowledge; implemented in three stages: the recognition of a problem induced by the task content, the formulation of the problem and the attempt to solve it accompanied by the assessment of the effects; the goal is to acquire skills, abilities and habits, and to consolidate the acquired knowledge so that it becomes operational; the laboratory method assumes greater independence of learners than carrying out an experiment</i>	

10. Forms of teaching					
Code	Name	Number of hours	Assessment of the learning outcomes of the module	Learning outcomes of the module	Methods of conducting classes
FZ1	discussion classes	30	exam	E1, E2, E3, E4, E5, E6	e01

11. The student's work, apart from participation in classes, includes in particular:			
Code	Category	Name (description)	Is it part of the BUNA?
a02	Preparation for classes	Literature reading / analysis of source materials <i>reading the literature indicated in the syllabus; reviewing, organizing, analyzing and selecting source materials to be used in class</i>	No
a03	Preparation for classes	Developing practical skills <i>activities involving the repetition, refinement and consolidation of practical skills, including those developed during previous classes or new skills necessary for the implementation of subsequent</i>	Yes

		<i>elements of the curriculum (as preparation for class participation)</i>	
b01	Consulting the curriculum and the organization of classes	Getting acquainted with the syllabus content <i>reading through the syllabus and getting acquainted with its content</i>	No
c02	Preparation for verification of learning outcomes	Studying the literature used in and the materials produced in class <i>exploring the studied content, inquiring, considering, assimilating, interpreting it, or organizing knowledge obtained from the literature, documentation, instructions, scenarios, etc., used in class as well as from the notes or other materials/artifacts made in class</i>	Yes
c03	Preparation for verification of learning outcomes	Implementation of an individual or group assignment necessary for course/phase/ examination completion <i>a set of activities aimed at performing an assigned task, to be executed out of class, as an obligatory phase/element of the verification of the learning outcomes assigned to the course</i>	Yes
d01	Consulting the results of the verification of learning outcomes	Analysis of the corrective feedback provided by the academic teacher on the results of the verification of learning outcomes <i>reading through the academic teacher's comments, assessments and opinions on the implementation of the task aimed at checking the level of the achieved learning outcomes</i>	No

Information on the details of the module implementation in a given academic year can be found in the syllabus available in the USOS system: <https://usosweb.us.edu.pl>.