

# Specialized English Educational subject description sheet

## **Basic information**

Study programme Fizyka (Physics of Advanced Processing) Speciality - Organizational unit Faculty of Physics Study level Second-cycle programme Study form Full-time Education profile General academic	Materials for Energy	Didactic cycle 2023/24 Subject code 04FENS.22JO.03252.23 Lecture languages English Course type Obligatory Block foreign languages	
Subject coordinator	Emilia Dopierała-Golińska		
Lecturer	Kamil Petryk		
<b>Period</b> Semester 2	Activities and hoursNumber of ECTS points 2		

#### Goals

Code	Goal
C1	Achieving language proficiency at the B2+ level in accordance with the Common European Framework of Reference for Languages, especially in the field of students' communicative skills in speech and writing in the field of a specialized language at the B2+ level
C2	Making students aware of the need to supplement and improve their knowledge and skills in the field of academic and specialist language related to the field of study.
С3	Shaping self-discipline and awareness of the importance of responsibility for one's own work

# Subject learning outcomes

Code	Outcomes in terms of	Learning outcomes	Examination methods
Skills - Student:			
U1	can read and understand articles/scientific texts in English and select information relevant to research as part of the master's thesis	FEN_K2_U05	Test
U2	can speak fluently in English and discuss scientific topics in English	FEN_K2_U05	Multimedia presentation, Oral statement
U3	can write short scientific texts, summaries, etc. in English	FEN_K2_U05	Test
U4	speak about and describe various areas of Physics in English	FEN_K2_U05	Multimedia presentation, Oral statement

# Study content

No.	Course content	Subject learning outcomes	Activities
1.	Analysis of summaries (formulation of summaries, performing various grammar and lexical exercises based on ready-made summaries)	U1, U3	Language course
2.	Conversational exercises (conversation topics closely related to the area of physics and biophysics)	U2, U4	Language course
3.	Grammar and lexical exercises aimed at improving language competences at an advanced level, used in writing scientific texts	U3	Language course
4.	Analysis of publications, scientific texts and performing grammar and lexical exercises closely related to the content of the analyzed publication	U1, U3	Language course
5.	Preparing oral speeches - presentations on topics closely related to Physics.	U4	Language course

## Additional information

Activities	Teaching and learning methods and activities	
Language course	Discussion, Work with text, Classes method, Audio and/or video demonstrations, Work in groups	

Activities	Credit conditions
Language course	60% End-of-course test 30% Unit tests 10% Presentation

#### Literature

#### Obligatory

- 1. Armer, T., Cambridge English for Scientists, CUP.
- 2. McCarthy, M., Academic Vocabulary in Use, CUP.

#### Optional

1. Saifullina, M. English for Physicists, Kazan, 2016.

## **Calculation of ECTS points**

Activities	Activity hours*
Language course	30
Preparation for classes	10
Reading the indicated literature	10
Preparation of a multimedia presentation	5
Preparation for the assessment	5
Student workload	Hours 60
Number of ECTS points	<b>ECTS</b> 2

\* academic hour = 45 minutes

# Efekty uczenia się dla kierunku

Kod	Treść
FEN_K2_U05	The graduate can use English in accordance with the requirements set out for level B2+ of the Common European Framework of Reference for Languages, as well as specialist English terminology in the field of physical sciences