

## English in chemistry

### Educational subject description sheet

#### Basic information

<b>Study programme</b> Chemistry <b>Speciality</b> - <b>Organizational unit</b> Faculty of Chemistry <b>Study level</b> Second-cycle programme <b>Study form</b> Full-time <b>Education profile</b> General academic		<b>Didactic cycle</b> 2024/25 <b>Subject code</b> 02CHSS.23JO.00979.24 <b>Lecture languages</b> English <b>Course type</b> Obligatory <b>Block</b> foreign languages
<b>Subject coordinator</b>	Alina Klotz-Zielińska	
<b>Lecturer</b>	Alina Klotz-Zielińska, Karolina Freitag, Joanna Grzelaczyk-Basek	
<b>Period</b> Semester 1	<b>Activities and hours</b> • Language course: 30, Graded credit	<b>Number of ECTS points</b> 2
<b>Period</b> Semester 2	<b>Activities and hours</b> • Language course: 30, Exam	<b>Number of ECTS points</b> 2

## Goals

Code	Goal
C1	Transfer of knowledge in the field improvement and development of all language skills (reading comprehension, listening comprehension, speaking and writing).
C2	Transfer knowledge about vocabulary and grammar skills in general and specialized language.
C3	Transfer of knowledge in the field, improvement of the ability to write in English using professional/specialized language.
C4	Transfer of knowledge in the field, developing linguistic competence for academic and professional purposes.

## Entry requirements

Language competence - B2 level.

## Subject learning outcomes

Code	Outcomes in terms of	Learning outcomes	Examination methods
<b>Skills - Student:</b>			
U1	knows and understands grammatical structures, as well as commonly used vocabulary on B2+ level connected with his/her specialization.	CHS_K2_U10	Written colloquium, Oral colloquium, Test
U2	can discuss selected general, academic and professional topics, express and justify his/her opinions.	CHS_K2_U10	Oral colloquium
U3	can understand academic texts, as well as texts related to his/her professional activity and field of study, analyze their content and choose relevant information.	CHS_K2_U10	Written colloquium, Test
U4	can understand audio and video materials related to academic subjects, his/her professional activity and field of study.	CHS_K2_U10	Written colloquium, Test
U5	can prepare and give a presentation related to his/her professional activity and field of study.	CHS_K2_U10	Oral colloquium, Multimedia presentation
U6	can write formal texts related to academic subjects, his/her professional activity and field of study.	CHS_K2_U10	Written colloquium, Test

## Study content

No.	Course content	Subject learning outcomes	Activities
1.	Effective use of tenses for academic and professional content.	U1, U2	Language course
2.	Effective use of other grammatical structures necessary to express variety of content and opinion: passive voice, reported speech, clauses of purpose, comparison of adverbs and adjectives, countable and uncountable nouns, irregular plural forms of nouns, articles.	U1, U2, U5, U6	Language course

No.	Course content	Subject learning outcomes	Activities
3.	Academic and specialized vocabulary related to student's professional activity and field of study.	U2, U3, U4, U5, U6	Language course
4.	Reading strategies aiming at understanding the general meaning, guessing the meaning of unknown words from context (concerning the subjects mentioned in point 3).	U3	Language course
5.	Listening strategies aiming at understanding the general meaning, guessing the meaning of unknown words from context (concerning the subjects mentioned in point 3).	U4	Language course
6.	Expressing a variety of communication functions, participating in conversation and discussing various topics (concerning the subjects mentioned in point 3).	U2, U5	Language course

## Additional information

### Semester 1

Activities	Teaching and learning methods and activities
Language course	Discussion, Work with text, Problem-based learning, Classes method, Workshop method, Audio and/or video demonstrations, Activating method - "brainstorming", Activating method - constructing "mind maps", Work in groups

Activities	Credit conditions
Language course	<ul style="list-style-type: none"> <li>• Class attendance is obligatory.</li> <li>• Preparing for classes, doing homework, active participation in class (eg. speeches).</li> <li>• Passing all tests and written assignments with at least 60%.</li> </ul> Grading scale with applied percentage distribution: <ul style="list-style-type: none"> <li>• Very good (bdb; 5,0): 90%-100%</li> <li>• Good plus (+db; 4,5): 85%-90%</li> <li>• Good (db; 4,0): 75%-85%</li> <li>• Satisfactory plus (+dst; 3,5): 70%-75%</li> <li>• Satisfactory (dst; 3,0): 60%-70%</li> <li>• Unsatisfactory (ndst; 2,0): less than 60%</li> </ul>

### Semester 2

Activities	Teaching and learning methods and activities
Language course	Discussion, Work with text, Problem-based learning, Solving tasks (e.g. computational, artistic, practical), Classes method, Workshop method, Audio and/or video demonstrations, Activating method - "brainstorming", Activating method - constructing "mind maps", Work in groups

Activities	Credit conditions
Language course	<ul style="list-style-type: none"> <li>Attendance is obligatory. 30% absence from classes results in lack of credit.</li> <li>Preparation from class, doing home assignment, active participation in classes.</li> <li>Passing all colloquia and tests (graded at least 60%).</li> </ul> Grading scale with applied percentage distribution: <ul style="list-style-type: none"> <li>Very good (bdb; 5,0): 90%-100%</li> <li>Good plus (+db; 4,5): 85%-90%</li> <li>Good (db; 4,0): 75%-85%</li> <li>Satisfactory plus (+dst; 3,5): 70%-75%</li> <li>Satisfactory (dst; 3,0): 60%-70%</li> <li>Unsatisfactory (ndst; 2,0): less than 60%</li> </ul>

## Literature

### Obligatory

1. K. Kelly „Science”, Macmillan Publishers, 2008
2. E. Donesch-Jeżo „English for students of pharmacy and pharmacists”, Przegląd Lekarski, Kraków, 2007
3. M. Korpak, “From Alchemy to Nanotechnology”, Studium Praktycznej Nauki Języków Obcych Politechniki Krakowskiej, Kraków 2008
4. T. Armer “Cambridge English for scientists”, Cambridge University Press, 2011
5. M. Ibbotson, "Professional English in Use Engineering", Cambridge University Press, 2009

## Calculation of ECTS points

### Semester 1

Activities	Activity hours*
Language course	30
Preparation for classes	15
Preparation for the assessment	10
Other	5
<b>Student workload</b>	<b>Hours</b> 60
<b>Number of ECTS points</b>	<b>ECTS</b> 2

\* academic hour = 45 minutes

### Semester 2

Activities	Activity hours*
Language course	30
Preparation for classes	15

Preparation for the assessment	10
Other	5
<b>Student workload</b>	<b>Hours</b> 60
<b>Number of ECTS points</b>	<b>ECTS</b> 2

\* academic hour = 45 minutes

## Efekty uczenia się dla kierunku

Kod	Treść
CHS_K2_U10	The graduate can use English at the B2 + level of the European System for the Description of Language Education in the field of chemistry and the discipline in which conducts research