University of Gdańsk

Subject card

Subject name and code	English in chemistry, PG_00081980		
Field of study	Chemistry		
Date of commencement of studies	October 2025	Academic year of realisation of subject	2027/2028
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Subject group related to scientific research in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	5	ECTS credits	1.0
Learning profile	academic	Assessment form	credit
Conducting unit	Faculty of Chemistry -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	prof. dr hab. inż. Marek Kwiatkowski	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	15.0	0.0	0.0	0.0	15

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	15	2.0	8.0	25

Subject objectives

To familiarize students with the general professional terminology used in English chemical texts. To introduce students to understanding professional publications on chemistry in English and to formulating simple chemical texts in this language.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[CHEML3_U12] Reads with understanding scientific and popular science chemical texts in English.	Student reads, understands and analyzes written chemical texts in English.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
[CHEML3_U11] Prepares and presents oral presentations in various fields of chemistry in Polish and English, using acquired knowledge and skills as well as basic sources of scientific information.	Students presents orally selected chemical issues in English, discusses them using appropriate terminology.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
[CHEML3_W05] Has basic knowledge of the chemical specialisation studied.	Student names English terms describing the basic concepts of chemistry.	[SW4] test/exam - oral or written [SW1] oral statement/ conversation/discussion
[CHEML3_U09] Is able to learn independently.	Student explores new chemical texts and solves tests veifying proper understanding of the content.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work
[CHEML3_U10] Prepares papers on various fields of chemistry in Polish and English, using acquired knowledge and skills as well as various sources of scientific information.	Student writes short chemical texts in English using appropriate terminology.	[SU1] oral statement/conversation/ discussion [SU4] test/exam - oral or written [SU8] observation of student's independent or team work

<table>
<tr><td>Subject contents</td><td colspan="3">Classification and naming of inorganic compounds. Classification and naming of organic compounds. Laboratory techniques and procedures, labware. Techniques, procedures and labware in chemical analysis.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td colspan="3">Completing the courses "Inorganic chemistry" and "Organic chemistry"</td></tr>
<tr><td>Assessment methods and criteria</td><td colspan="3"><table><tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr><tr><td>Three short tests during classes.</td><td>51.0%</td><td>60.0%</td></tr><tr><td>Final test based on a selected chemical text</td><td>51.0%</td><td>40.0%</td></tr></table></td></tr>
<tr><td rowspan="3">Recommended reading</td><td>Basic literature</td><td colspan="2">1. M. Kwiatkowski, P. Stepnowski "Język angielski w chemii i w ochronie środowiska", ed. Uniwersytet Gdański, Gdańsk 2010, electronic publication http://inf.ug.edu.pl/kierunkizamawiane/materialy/chemia/Angielski.pdf</td></tr>
<tr><td>Supplementary literature</td><td colspan="2">1. Selected scientific publications on chemistry in English and fragments of original texts from English chemistry textbooks.</td></tr>
<tr><td>eResources addresses</td><td colspan="2"></td></tr>
<tr><td>Example issues/ example questions/ tasks being completed</td><td colspan="3">Give the name of the compound $KH_2PO_4 \cdot 6H_2O$.

Give the systematic name and chemical classification of the compound $CH_3C(O)CH_2CH_2CH_2OH$.

Name the elements of the laboratory setup for fractional distillation under normal pressure.

Explain the term "magic nucleus".</td></tr>
<tr><td>Work placement</td><td colspan="3">Not applicable</td></tr>
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