

Detailed course description (SUBJECT CARD)

Course title: Chemical nomenclature
Course code:
Classification of a course group:
Course type: specialty-related
elective
Field of study: Chemistry
Level of study: first-cycle
Profile of study: general academic
Mode of study: full-time programme
Specialty (specialisation): Materials chemistry
Year of study: 3
Semester: 6
Teaching modes and teaching hours: seminar – 30 hours
Language/s of instruction: English
Number of ECTS credits (*according to the study programme*): 2

1. Course objectives:

The aim of the course is to teach students basic English terminology concerning materials chemistry. The acquired skills will help students use English language scientific resources and understand articles and books in the field of materials chemistry. They will also facilitate gathering information necessary for preparation of the MSc thesis.

2. Relation of the field-related learning outcomes to modes of teaching and methods of verification as well as to assessment of student's learning outcomes:

symbol	assumed learning outcomes a student who completed the course:	teaching modes	verification methods and learning outcomes assessment
Skills: a student can			
K2A_U12	prepare written works in Polish and English	seminar	written work
K2A_U13	use technical English vocabulary in the range of chemistry	seminar	presentation, written work, colloquium

3. The content of study programme ensuring learning outcomes (according to the study programme):

Learning vocabulary concerning chemical sciences with particular emphasis on the issues specialty courses. Reading scientific chemistry-related texts written in English. Preparation of translation of a selected English-language and an oral presentation.

4. Description of methods of determination of ECTS credits:

Type of activity	Number of hours / ECTS credits
Number of course hours regardless of a teaching mode	30/1
Student's workload 1* preparation of presentation	9/0,3
Student's workload 2* preparation of translation	12/0,4
Student's workload 3* revision for the colloquium	9/0,3
Total hours:	60
Number of ECTS credits allocated to a course	2

Explanation:

* – student's workload - fill in the types of activities, e.g. *preparation for a course, interpretation of results, making a course report, preparation for an exam, studying sources, making a project, presentation and report, doing written assignment, etc.*

** – the other e.g. *extra course hours*

5. Summary indices:
- number of course hours and ECTS credits at the course with a direct participation of academic teachers or other persons running the course and supervising students: 30 / 1
 - number of course hours and ECTS credits at the course related to the scientific activity conducted at the Silesian University of Technology in a discipline or in disciplines to which a field of study is assigned - in the case of studies with a general academic profile: 30 / 1
 - number of course hours and ECTS credits at the course developing practical skills- in the case of practical studies: 0
 - number of course hours conducted by academic teachers employed by the Silesian University of Technology as their primary workplace: 30 / 1
6. Persons conducting particular modes of courses (*name, surname, academic degree or degree in arts, title of professor, business e-mail address*):

Seminar: Krzysztof Kozieł, PhD., e-mail: krzysztof.koziel@polsl.pl

7. Detailed description of teaching modes:

1) Seminar

Getting familiar with the vocabulary concerning chemical sciences with particular emphasis on the content of specialty courses. Reading and comprehension of English language texts in the field of materials chemistry. Preparation of translation of a chosen English language text and an oral presentation.

8. Description of the method for determining the final grade (rules and criteria for evaluation, as well as the final grade calculation method in the case of a course comprising more than one teaching mode, taking into account all teaching modes and all exam dates and credit tests including retake exams and tests):

The final result is calculated on the basis of:

- active participation in the course,
- quality of oral presentation,
- translation of a short scientific article for English to Polish,
- the result of a final colloquium.

Final result:

(result of a colloquium + presentation + translation + student's activity)/4

9. Method and procedure for making up for:

- student's absence in the course: student's individual work or participation in consultation.

10. Prerequisites and additional requirements, taking into account the course sequence:

Knowledge of English language – level B2

11. Recommended sources and teaching aids:

1. Domański P., English in Science and Technology, WNT, Warszawa 1993
2. Angielsko-polski słownik naukowo-techniczny, PWN Warszawa, 2012

12. Description of teachers' competences (*e.g. publications, professional experience, certificates, trainings etc. related to the programme contents implemented as a part of the course*):

Publications in international journals in the field of chemical sciences. Knowledge of English confirmed by passing the Certificate of Proficiency in English exam. Several years of professional and teaching experience, including seminars and laboratory classes and English terminology (classes carried out in English).

13. Other information