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| Course title Język angielski/English | | ECTS code 13.3.0958 | |
| Name of unit administrating study Faculty of Chemistry | | | |
| Studies | | | |
| Field of study | Type | Form | |
| Chemical business | Bachelor / Engineer | Full-time studies | |
| Teaching staff Mgr Ewa Mrozek | | | |
| Forms of classes, the realization and number of hours | | ECTS credits 3 | |
| A. Forms of classes, in accordance with the UG Rector's regulations lectureship | | Classes – 120 h Tutorial classes – 30 Student's own work – 50 | |
| B. The realization of activities In class learning | | Total: 200 h – 8 ECTS | |
| C. Number of hours 120 h | | | |
| The academic cycle Second year, winter and summer semester | | | |
| Type of course obligatory | | Language of instruction English – 90%, Polish – 10% | |
| Teaching methods Listening comprehension activities Reading comprehension activities Writing and speaking activities | | Form and method of assessment and basic criteria for evaluation or examination | |
| | | A. Final evaluation, in accordance with the UG study regulations Course completion (with a grade) | |
| | | B. Assessment methods Graded crediting Written exam: listening, reading, writing comprehension, lexical-grammatical comprehension and oral exam: presentation and interaction | |
| | | C. The basic criteria for evaluation or exam requirements Grading scale in accordance with the University of Gdansk Rules and Regulations of Studies. Continuous assessment of language skills, assessment tests. | |
| Required courses and introductory requirements Placement test | | | |
| Aims of education Development of general English language skills, development of cognitive skills through reading texts in English referring to the fields of chemistry, environmental protection and chemical business. The Student should achieve the general linguistic competence (reading and listening comprehension, writing and speaking skills) at B2 level, be able to read in English popular-scientific texts in the field of chemistry/ environmental protection / chemical business and related sciences, present popular-scientific subjects in an oral and written form in English, and communicate in English. | | | |

Course contents

Development of general language skills (listening, speaking, reading and writing)

Development of general vocabulary

Grammar exercises

Introduction to specialist terminology in the field of chemistry, environmental protection and chemical business

Reading texts related to chemistry, environmental protection and chemical business

Making short oral presentations referring to general, popular and popular-scientific topics

Examples of Topics:

- Names of courses available at the faculty of Chemistry
- Specialisations available for students of the Faculty of Chemistry
- The periodic table of the elements
- Elements and compounds and their properties
- Selected famous chemists and their achievements
- Chemical laboratory, glassware and equipment
- Some chemical processes and chemical reactions
- Lab safety
- Natural environment – fauna and flora
- Pollution sources
- Water treatment, air quality, global warming
- Sources of energy – renewable and non-renewable, sustainable development
- Applications of chemistry in chemical business
- Production of pharmaceuticals, cosmetics, food, petrol, plastics
- Application of chemistry in agriculture – pesticides and herbicides

Bibliography of literature

A. Literature required to pass the course

Handbook of general English (or fragments), selected by the course teacher, e.g. Language Leader or Total English

Selected fragments from:

Kelly K, Science, Macmillan, Oxford University Press, 2008

McCarthy M., O'Dell F., Academic Vocabulary in Use, CUP, Cambridge, 2008

Internet resources – e.g. www.bbc.co.uk/sn; BBC Science&Nature, www.sciencedaily.com; www.the-scientist.com; www.uefap.com

Audio-video materials to the selected handbook or from internet resources, e.g. Ted.com, Youtube.com

Materials prepared by the course teacher

A. Extracurricular readings

Słownik naukowo-techniczny polsko-angielski, WNT

Domański P., English in Science and Technology, WNT, Warszawa, 1996

Knowledge

Knowledge of basic grammar structures, basic general terminology and basic specialist nomenclature related to chemistry, environmental protection and chemical business

Skills

Writing, reading, speaking and listening skills, knowledge of basic specialist terminology related to chemistry, environmental protection, chemical business

Social competence

Ability to perform the assigned tasks autonomously and responsibly and willingness to devote time to lifelong learning