



COURSE DESCRIPTION CARD - SYLLABUS

Course name

English language [S1TOZ1>JA1]

Course

Field of study

Circular System Technologies

Year/Semester

1/2

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

English

Form of study

full-time

Requirements

elective

Number of hours

Lecture

0

Laboratory classes

0

Other

0

Tutorials

30

Projects/seminars

0

Number of credit points

3,00

Coordinators

mgr Waldemar Korczyk

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Lecturers

Prerequisites

Knowledge: The already acquired language competence compatible with level B1 (CEFR). Skills: The ability to use vocabulary and grammatical structures required on the high school graduation exam with regard to productive and receptive skills. Social competencies: The ability to work individually and in a group; the ability to use various sources of information and reference works.

Course objective

1. Advancing students' language competence towards at least level B2 (CEFR). 2. Development of the ability to use academic and field specific language effectively in both receptive and productive language skills. 3. Improving the ability to understand field specific texts (familiarizing students with basic translation techniques). 4. Improving the ability to function effectively on an international market and on a daily basis.

Course-related learning outcomes

Knowledge:

as a result of the course, the student ought to acquire field specific vocabulary related to the following issues:

1. ground level ozone, deforestation, algae bloom.

2. biomass as a source of energy, basic mathematical and geometrical vocabulary, describing graphs and diagrams, and to be able to define and explain associated terms, phenomena and processes.

Skills:

as a result of the course, the student is able to:

1. give a talk on field specific or popular science topic (in english), and discuss general and field specific issues using an appropriate linguistic and grammatical repertoire.
2. express basic mathematical formulas and to interpret data presented on graphs/diagrams.
3. conduct basic business correspondence in english.

k_u01, k_u04, k_u05, k_u06

Social competences:

as a result of the course, the student is able to communicate effectively in a field specific/professional area, and to give a successful presentation in english.

the student is able to recognize and understand cultural differences in a professional and private conversation, and in a different cultural environment.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

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- Formative assessment: current assessment (attendance, active participation, presentations, oral and written tests, MT test).
- Summative assessment: pass with a grade.

Programme content

Students master skills related to syncretic work with technical texts based on issues in the field of environmental protection and circular technologies: smog as the most serious a factor that reduces air quality in cities - the phenomenon of ground-level ozone.

Types of biomass, as well as the definition of this term. Possibilities of using biomass – advantages and disadvantages

solutions. Algae bloom in water reservoirs - discussion of the causes and effects of this phenomenon.

Course topics

Basic mathematical and geometric concepts and their practical applications.

Basic concepts of charts, graphs and diagrams and their practical applications.

Cycles and circulations in nature. Water, carbon and nitrogen as determining substances in nature.

Ground-level ozone and atmospheric ozone.

Biomass. Sources of its acquisition and examples of its use in the economy.

Deforestation. Causes, effects and solutions.

Algae bloom in inland and sea waters. Causes, effects and solutions.

Teaching methods

Listening, reading, writing and speaking in English.

Bibliography

Basic

Dziuba D., Environmental Issues, Angielski dla studentów ochrony środowiska, Łódź, Wydawnictwo Uniwersytetu Łódzkiego, 2013.

Additional

Evans V., Dooley J., Blum E., Environmental Science, Newbury, Express Publishing, 2013.

Breakdown of average student's workload

	Hours	ECTS
Total workload	75	3,00
Classes requiring direct contact with the teacher	38	1,50
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	37	1,50