## POZNAN UNIVERSITY OF TECHNOLOGY



# EUROPEAN CREDIT TRANSFER AND ACCUMULATION SYSTEM (ECTS)

pl. M. Skłodowskiej-Curie 5, 60-965 Poznań

## **COURSE DESCRIPTION CARD - SYLLABUS**

Course name

English

Course

Field of study Year/Semester

Circular System Technologies 1/2

Area of study (specialization) Profile of study

- general academic
Level of study Course offered in

First-cycle studies Polish

Form of study Requirements

full-time elective

**Number of hours** 

Lecture Laboratory classes Other (e.g. online)

0 0

Tutorials Projects/seminars

30 0

**Number of credit points** 

3

**Lecturers** 

Responsible for the course/lecturer: Responsible for the course/lecturer:

Waldemar Korczyk Centrum Języków i Komunikacji PP

ul. Piotrowo 3a, 60-965 Poznań

tel.: 061 665 24 91

#### **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.

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- 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:

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

#### **Programme content**

Students acquire the ability to work with technical texts related to the following environmental issues and circular system technologies: smog as the most critical factor worsening air quality in the cities, the occurrence of the ground level ozone, the definition of the term biomass and its kinds, algae bloom - causes and results.

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# **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	3,0
Classes requiring direct contact with the teacher	38	1,5
Student's own work (literature studies, preparation for tutorials, preparation for tests) $^{\rm 1}$	37	1,5

3

<sup>&</sup>lt;sup>1</sup> delete or add other activities as appropriate