



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Foreign language - English

### Course

Field of study

Environmental Engineering

Area of study (specialization)

Level of study

First-cycle studies

Form of study

part-time

Year/Semester

1/1

Profile of study

general academic

Course offered in

English

Requirements

compulsory

### Number of hours

Lecture

0

Laboratory classes

0

Other (e.g. online)

Tutorials

60

Projects/seminars

0

### Number of credit points

4

### Lecturers

Responsible for the course/lecturer:

dr Katarzyna Matuszak

Responsible for the course/lecturer:

### Prerequisites

The already acquired language competence compatible with level B1 (CEFR)

The ability to use vocabulary and grammatical structures required on the high school graduation exam with regard to productive and receptive skills

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:

- Elements of mathematics and geometry
- Description of charts and tables
- Ecology (recycling, greenhouse effect, ozone hole)
- Pollution of the environment/ contamination of natural resources
- Water pollution and water treatment
- Sewage and sewage systems - the collection and transport of wastewater

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:

- express basic mathematical formulas
- interpret data presented on graphs/diagrams
- 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 structures
- formulate a text in English where he/ she explains/ describes a selected field specific topic

#### 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.

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Formative assessment: oral and written tests, MT test, presentations

Summative assessment: credit

### Programme content

Developing general and technical vocabulary based on specialized technical texts. Developing the skill of understanding professional literature and expressing freely on topics including issues related to

- mathematics, describing charts, diagrams and tables



- ecology (recycling, the greenhouse effect, the ozone hole) - description of phenomena, causes and effects
- pollution of the environment/ contamination of natural resources
- water pollution and water treatment
- sewage and sewage systems - the collection and transport of wastewater

### Teaching methods

Methods that use 4 basic skills - receptive (reading and listening) and productive (speaking and writing)

- input (feeding) methods (verbal and knowledge assimilation - text, article)
- seeking methods (independent learning) - problem and practical-practical methods
- output (displaying) methods (using productive skills)

### Bibliography

Basic

[https://www.sciencedaily.com/terms/environmental\\_engineering.htm](https://www.sciencedaily.com/terms/environmental_engineering.htm)

Grzeżożek, M./ Starmach, I. 2004. English for Environmental Engineering. Kraków: Studium Praktycznej Nauki Języków Obcych Politechniki Krakowskiej.

Additional

Hanf, B. 2001. Angielski w technice. Poznań: Wyd. LektorKlett (PONs).

Harding, K. and Taylor, L. 2005. International Express – intermediate. Oxford: Oxford University Press.

Taylor, L. 2005. International Express – intermediate. Oxford: Oxford University Press.

Dziuba, D. 2013. Environmental Issues. Angielski dla studentów ochrony środowiska. Łódź: Wyd. U. Łódź.

Evans, V./ Dooley, J./ Rodgers, K. 2013. Environmental Engineering. Berkshire: Express Publishing.

Evans, V./ Dooley, J./ Blum, E. 2013. Environmental Science. Berkshire: Express Publishing.

Otto, B. / Otto, M. 2007. Here is the news. Warszawa: Poltext.



### Breakdown of average student's workload

	Hours	ECTS
Total workload	120	4,0
Classes requiring direct contact with the teacher	60	2,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) <sup>1</sup>	60	2,0

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