



COURSE DESCRIPTION CARD - SYLLABUS

Course name

English

Course

Field of study

Biomedical Engineering

Area of study (specialization)

Level of study

Second-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

Polish

Requirements

elective

Number of hours

Lecture

Laboratory classes

Other (e.g. online)

Tutorials

Projects/seminars

15

Number of credit points

2

Lecturers

Responsible for the course/lecturer:

Karolina Całka, M.A.

Responsible for the course/lecturer:

Katarzyna Sobańska, M.A.

Prerequisites

Student should already have acquired language competence compatible with level B2 (CEFR). Student should also have the ability to use vocabulary and grammatical structures required on the first-cycle studies. Additionally, the student should be able to work individually and in a group and use various sources of information and reference works.

Course objective

Advancing students' language competence towards B2+ level or higher (CEFR). Development of the



ability to use academic and field specific language effectively in both receptive and productive language skills. Improving the ability to understand field specific texts and to function effectively on an international market and in a daily basis situations.

Course-related learning outcomes

Knowledge

1. Definition and the scope of research of telemedicine;
2. Human tissue (types, definitions);
3. Lasers in medicine;
4. Biomimicry;
5. Bioethical issues;
6. Gene editing.

Skills

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

1. Give a presentation/speech on field specific and popular science topic (in English), and discuss general and field specific issues using an appropriate linguistic and grammatical repertoire;
2. Understands and analyzes world literature of selected field of study;
3. The student is able to effectively use the academic language using the appropriate vocabulary and grammatical structures;
3. Formulate a text in English using paraphrasing and summary techniques.

Social competences

As a result of classes, the student is able to communicate effectively in English in a professional environment and in typical everyday situations, and has the ability to speak in public. The student is able to recognize and use/understand cultural differences in behavior as well as in business and private conversation in English and in a different cultural environment. The student is able to distinguish between the general language and the academic language and therefore can also write a short text using academic language on general and popular science topics.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

The knowledge acquired during classes is verified by two pre-announced tests per course. Each test consists of questions (multiple choice and open questions) with different points. Passing threshold is 60%. Additionally, students prepare speeches on a selected field related topic and receive points for class activity.

Programme content



1. Definition and the scope of research of telemedicine;
2. Human tissue (types, definitions);
3. Lasers in medicine;
4. Biomimicry;
5. Bioethical issues;
6. Gene editing.

Teaching methods

Vocabulary exercises, multimedia presentations, audiovisual materials, discussion of issues with examples on the blackboard, solving lexical and grammar exercises, integration and language games, discussion panels, pair/team work, individual student work (reading comprehension, listening comprehension).

Bibliography

Basic

Online materials:

<http://study.com>

www.wikipedia.org

www.ted.com

www.youtube.com

<http://spectrum.ieee.org/>

Additional

Eric H. Glendinning, Norman Glendinning "Oxford English for Electrical and Mechanical Engineering" (EME)

Breakdown of average student's workload

	Hours	ECTS
Total workload	30	2,0
Classes requiring direct contact with the teacher	15	1,0
Student's own work (literature studies, preparation for laboratory classes/tutorials, preparation for tests/exam, project preparation) ¹	15	1,0

¹ delete or add other activities as appropriate