COURSE DESCRIPTION CARD - SYLLABUS

Course name
Foreign Language: English course

Course

Field of study
Pharmaceutical Engineering

Year/Semester
2/3

Area of study (specialization)
-

Profile of study
general academic

Level of study
First-cycle studies

Course offered in
Polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
0

Laboratory classes
0

Other (e.g. online)
0

Tutorials
30

Projects/seminars
0

Number of credit points

2

Lecturers

Responsible for the course/lecturer:
Bartosz Juzyk

Responsible for the course/lecturer:
Bartosz Juzyk

Prerequisites

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

Course objective

Advancing students' language competence towards at least level B2 (CEFR). Improving students' communication skills in academic and professional contexts. Developing students' ability to use academic and field specific vocabulary.

Course-related learning outcomes

Knowledge

Upon completion of the course, the student ought to know selected academic vocabulary related to the following issues:

1. types, signs and symptoms, causes, stages and treatment of diseases. (K_W5)

2. the structure and function of bacteria and viruses; different categories of antibiotics and antiviral drugs and examples of antibiotic sensitivity testing methods. (K_W1 K_W5 K_W7 K_W9)

3. gene structure and gene therapy. (K_W14)

4. types of analgesics. (K_W9)

5. basic concepts related to botany. (K_W9 K_W13)

Skills

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

1. understand, analyse and interpret the contents of relevant academic texts. (K_U1)

2. effectively use the selected vocabulary related to different types of diseases, the impact of bacteria and viruses on the human body, antibiotic therapy, genetic engineering as well as to basic characteristics of plants used in the pharmaceutical and cosmetics industries. (K_U2)

3. prepare and give a talk on a field specific or popular science topic. (K_U6)

Social competences

Upon the completion of the course, the student:

1. appreciates the value of independent learning and is able to learn English on their own as well as in cooperation with others. (K_K1 K_K2)

2. understands the need to respect opposing points of view as well as to comply with social norms of behaviour. (K_K4)

3. is aware of their social responsibility and the role of professional ethics in the pharmaceutical industry. (K_K7)

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Students' progress is evaluated based upon midterm test, oral presentation and active class participation. The total score for the test is 35 points, another 10 points can be scored for the oral presentation and up to 5 points for the active class participation. The test includes multiple-choice, matching, gap-filling, translation, transformation and reading comprehension items. The oral presentation is graded based on the content, organisation, range of topic-specific vocabulary, fluency, pronunciation and the ability to search the information and select sources as well as the quality of the visual materials provided. The ways of checking students' competence mentioned above can be adjusted to both traditional and online learning. The remote learning scenario involves an interactive test instead of a traditional one and oral presentations can be organized during a videoconference on MS Teams. During the classes, students have an opportunity to get activity points for doing optional home assignments and for their active participation in class discussions or activities. Students are required to score at least 30 points throughout the semester.

Programme content

1.Health and disease. (types, stages, signs and symptoms, treatment)

2. The role of bacteria. (structure, types, bacterial infections)

3. Antibiotic therapy. (types of antibiotics, antibiotic sensitivity testing methods and antibiotic resistance)

4. The positive and negative role of viruses.

5. Genes as medicine - selected aspects of gene therapy based on LCA treatment.

6. Pain treatment.

7. Medicinal plants (types, characteristics, uses)

8. Giving effective presentations.

Teaching methods

The course methodology revolves around student-centred learning and the emphasis on both academic and field-specific vocabulary acquisition and everyday communication. Whenever possible, cooperative learning and group activities and discussions are encouraged. Both productive and receptive skills are developed. Students work based on materials provided by the teacher. There is much use of visual aids and online resources.

Bibliography

Basic

Lipińska, A., Wiśniewska-Leśków, S., Szczepankiewicz, Z. English for Medical Sciences , MEDPHARM, 2013.

Additional

Kierczak, A. English for Pharmacists , Wydawnictwo Lekarskie PZWL, 2009.

Breakdown of average student's workload

	Hours	ECTS
Total workload	60	2,0
Classes requiring direct contact with the teacher	30	1,0
Student's own work (preparation for tests and oral presentations, online research / literature study, home assignments, online vocabulary practice) [1]	30	1,0

[1] delete or add other activities as appropriate