



COURSE DESCRIPTION CARD - SYLLABUS

Course name

English course

Course

Field of study

Pharmaceutical Engineering

Area of study (specialization)

-

Level of study

First-cycle studies

Form of study

full-time

Year/Semester

2/3

Profile of study

general academic

Course offered in

Polish

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:

Joanna Szuwart

Responsible for the course/lecturer:

Joanna Szuwart

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 the following:

- first test (15 points)
- second test (20 points)
- oral presentation (10 points)



- class participation and activity (5 points)

The tests include multiple-choice, matching, completion, translation, transformation and reading comprehension items. The oral presentation is graded based on the contents, organisation, vocabulary richness and the range of topic-specific vocabulary, fluency and pronunciation, the ability to search the information and select sources as well as the quality of the visual materials provided. Students have an opportunity to get activity points for doing optional home assignments and for their participation in class discussions and 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 | 35 | 1,2 |
| Student's own work (preparation for tests and oral presentations, online research / literature study, home assignments, online vocabulary practice) ¹ | 25 | 0,8 |

¹ delete or add other activities as appropriate