



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

2/4

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. new chemical entities, drug dosage forms and categories of drugs. (K_W9 K_W24)
2. quality assurance and laboratory safety systems. (K_W23)
3. preclinical and clinical testing. (K_W9)
4. Pharmarmacovigilance. (K_W9 K_W23)
5. production process and packaging challenges. (K_W18)

Skills

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

1. use English effectively in an international working environment on a daily basis. (K_U4 K_U7)
2. understand, analyse and interpret the contents of relevant academic texts. (K_U1)
3. effectively use the terminology related to substance discovery, product development, drug dosage forms, QA, preclinical and clinical testing, Pharmacovigilance, regulatory documentation and the production process. (K_U7)
4. prepare a written summary and discuss the contents of a field-specific article. (K_U4 K_U5)

Social competences

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 in semester 4 is evaluated based upon the following:

- test (35 points)
- article summary (10 points)
- class participation and activity (5 points)



The test includes multiple-choice, matching, completion, translation, paraphrasing and reading comprehension items. The written and oral summary is graded based on the contents, organisation, vocabulary richness and the range of topic-specific vocabulary, fluency and pronunciation as well as the ability to summarise and paraphrase the information and select the sources. Students have an opportunity to get additional 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.

The whole course (semesters 1-4) ends with an exam. The exam consists of the oral and written part. The overall grade for the whole course shall be based on the grades for the oral and written exam (x2) and the grades for the particular semesters.

Programme content

1. Substance discovery and drug development.
2. Quality assurance and auditing.
3. Preclinical and clinical testing.
4. Drug safety and regulatory affairs.
5. Production and packaging.
6. Ethics in pharmaceutical engineering.
7. Writing and presenting a successful summary of a field-specific article.

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

Bucheler, M., Jahnig, K., Matzig, G., Weindler, T. English for the Pharmaceutical Industry, Oxford, 2017.

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 the test, article summary and oral presentations, online research / literature studies, home assignments, online vocabulary practice, preparation for the final exam) ¹	25	0,8

¹ delete or add other activities as appropriate