COURSE DESCRIPTION CARD - SYLLABUS

Course name
English course [S1IFar1>JA4]

Course

Field of study
Pharmaceutical Engineering

Year/Semester
2/4

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
english

Form of study
full-time

Requirements
elective

Number of hours

Lecture
0

Laboratory classes
0

Other (e.g. online)
0

Tutorials
30

Projects/seminars
0

Number of credit points

2,00

Coordinators

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Lecturers

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:

Learning outcomes presented above are verified as follows:
Students" progress is evaluated based upon midterm test, article summary 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 written and oral summary 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.
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	2,00
Classes requiring direct contact with the teacher	30	1,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	30	1,00