COURSE DESCRIPTION CARD - SYLLABUS

Course name
Information skills once [S1IFar2>UI]

Course

Field of study
Pharmaceutical Engineering

Year/Semester
3/6

Area of study (specialization)
–

Profile of study
general academic

Level of study
first-cycle

Course offered in
Polish

Form of study
full-time

Requirements
compulsory

Number of hours

Lecture
2

Laboratory classes
0

Other (e.g. online)
0

Tutorials
0

Projects/seminars
0

Number of credit points

0,00

Coordinators

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Lecturers

Prerequisites

The student knows the basic principles of using library collections. The 3rd year student has basic knowledge about keywords, search phrases and scientific terms, in Polish and English, related to research topics, necessary to conduct a practical search. The student is aware of the need to develop information skills needed to acquire the materials in the education process.

Course objective

Developing students' information competences in the field of multi-faceted professional and specialist literature search skills in the field of pharmaceutical engineering, necessary when writing a thesis. The need to educate students in the use of modern information and communication technologies, search tools supporting access and search in information resources.

Course-related learning outcomes

Knowledge:
1. The student knows the principles of using printed resources of scientific libraries and their sharing. The student knows the legal aspects related to the use and remote access to electronic resources (specialized databases, repositories, scientific services and others). The student has knowledge of the

allowed and prohibited use of licensed resources. The student has knowledge of professional sources of information and tools useful for conducting literature analysis (licensed and Open Access). The student knows the rules for creating basic and advanced search queries (informational queries) using professional keywords, search phrases and logical operators in Polish and English. The student has knowledge in the field of creating multi-faceted information search in various types of sources (national and global sources of scientific information). The student knows the rules for creating an attachment bibliography using useful tools. The student has knowledge of the availability of professional literature in information resources on the topic of thesis. [K_W24]

Skills:
1. The student is able to independently search for the necessary information materials in printed and electronic resources. The student uses modern search tools to facilitate access and search to gather the necessary literature. The student is able to adapt the search strategy to the type of information source. The student is able to develop an attachment bibliography in the field of pharmaceutical engineering using the available bibliographic tools.The student is able to present and use the collected literature in research. [K_U1]

Social competences:
1. The student is aware of the existence of national and world bibliographic databases and full-text services including literature in the field of pharmaceutical engineering and related sciences. [K_K1]

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

No assesment methods

Programme content

General information about access to library collections (types of information sources, student services related to studying and obtaining literature).
Detailed information on the provision and terms of use of electronic resources.
Methods for creating simple and advanced search strategies based on printed and electronic resources.
Practical search of Polish and world literature in various types of resources, using multi-faceted criteria and search capabilities of information sources, including access to full-text resources.
Linking tools, supporting access and searching information, content aggregators and other technological facilities in searching, on the example of selected licensed and free access resources (Open Access).
Legal aspects of publishing, sharing and citing scientific content.
Rules and the possibility of creating bibliography based on data contained in databases, services or using available software.

Course topics

none

Teaching methods

Lecture - information transfer in a systematic way.
Demonstration method (presentation of the phases of practical activities of searching for information in given types of resources) with detailed instructions on their implementation and showing the final results. Workshop method, depending on the competence and needs of the group.

Bibliography

Basic:
1. Regulations Relating to the Use of Resources of Library and Information System of Poznan University of Technology. [Online:]< http://library.put.poznan.pl/en/8_04_en> (access: 03.05.2020).
2. Access and Terms of E-Resources Use. [Online]. (access: 03.05.2020).
3. E-resources. [Online] (access: 03.05.2020).
4. Korzystka, B., Pujanek, I. (2008).Planning the information search strategies in printed and electronic sources accessible to users from the Poznan University of Technology. In: H. Ganińska (red), Informacja

dla nauki a świat zasobów cyfrowych. (s.96-103). Poznan: Poznan University of Technology Library. [Online] (access: 03.05.2020).
5. Szczepańska, A., (2007). The basic information retrieval strategies and their use in practice, „Przegląd Biblioteczny”, R. 75, z. 2,s. 233-251.[Online] . (Access:
03.05. 2020).

Additional:
1. Basic Guide- Chemical Abstracts (SciFinder platform). [Online].
.(access: 20.04
2020).
2. Knovel Library - Quick Start Guide. [Online].br/>%C3%B3tki%20przewodnik_2017_10_16.pdf> (access: 20.04.2020).

Breakdown of average student's workload

	Hours	ECTS
Total workload	2	0,00
Classes requiring direct contact with the teacher	2	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	0	0,00