



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Developing information literacy skills [N1Bud1>KUI]

Course

Field of study

Civil Engineering

Year/Semester

5/9

Area of study (specialization)

–

Profile of study

general academic

Level of study

first-cycle

Course offered in

Polish

Form of study

part-time

Requirements

compulsory

Number of hours

Lecture

2

Laboratory classes

0

Other

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. A 4th year student has a basic knowledge of key words, search phrases and scientific terms, in Polish and English, related to the research topic, necessary to carry out a practical search. The student is aware of the need to develop the information skills needed to acquire the necessary materials in the educational process.

Course objective

Development of students' information competence in the ability to search multifaceted professional and specialized literature in the area of chemical technology, necessary for writing a thesis. The need to educate students in the use of modern information and communication technologies, search tools to support access and search in information resources.

Course-related learning outcomes

Knowledge:

1. The student is able to independently search for needed information materials in printed and electronic resources.
2. The student uses modern search tools that facilitate access and retrieval to gather needed literature. The student is able to adjust the search strategy to the type of information source.
3. The student is able to develop an appendix bibliography in pharmaceutical engineering using available bibliographic tools.
4. The student is able to present and use the collected literature in the research topic.

Skills:

K_W14 i K_W27

1. The student knows the principles of using and providing access to print resources of scientific libraries. The student knows the legal aspects related to the use and remote sharing of electronic resources (specialized databases, repositories, scientific services, etc.). The student has knowledge of permitted and prohibited use of licensed resources.
2. The student has knowledge of professional information sources and tools useful for conducting literature analysis (licensed and Open Access).
3. Student knows the principles of creating basic and advanced search queries (information queries) using professional keywords, search phrases and logical operators in Polish and English.
4. The student knows how to create multi-faceted information searches in different types of sources (national and world sources of scientific information).
5. The student knows the principles of creating an appendix bibliography using useful tools.
6. The student has knowledge of the availability of professional literature in information resources on the topic of the degree thesis.

Social competences:

K_K03

The student is aware of the existence of national and global bibliographic databases and full-text services covering literature in the civil engineering and related sciences.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

No verification

Programme content

1. General information about access to library collections (types of information sources, services for students related to studying and creating an appendix bibliography).
2. Detailed information about the provision and conditions of use of electronic resources.
3. Methods of creating simple and advanced search strategies on the basis of printed and electronic resources.
4. Practical search of domestic and foreign literature in different types of resources, using multifaceted criteria and search capabilities of information sources and taking into account access to full-text resources.
5. Linking tools, supporting access and retrieval of information, content aggregators and other technological facilities for searching, using examples of selected licensed and freely available (Open Access) resources.
6. Legal aspects of publishing, sharing and citing scientific content (licenses and the scientist's code of ethics).
7. Principles of bibliographic footnotes and possibilities of creating an appendix bibliography on the basis of data contained in databases, services or using available tools.

Course topics

none

Teaching methods

Lecture of information - transmission of structured information.

Demonstration method (presentation of the successive stages of practical activities of searching for information in selected types of resources) with detailed consideration of how to formulate search

queries and select results.

Workshop method, depending on the competence and needs of the group.

Bibliography

Basic:

Regulations Relating to the Use of Resources of Library and Information System of Poznan University of Technology: (Access: 28.02.2023).

Access and Terms of E-Resources Use/Library PUT. [Online]. Available on the Internet: (Access: 22.02. 2023).

E-Resources/Library PUT. [Online]. Available on the Internet:< <https://library.put.poznan.pl/pl/2>>. (Access 28.02.2023).

Additional:

Korzystka, B., Pujanek, I. (2008). Planning strategies for finding information in print and electronic resources available to users of Poznan University of Technology. In: H. Ganińska (ed.), Informacja dla nauki a świat zasobów cyfrowych. (pp.96-103). Poznan: Library Poznan University of Technology.

Szczepańska, A., (2007). Podstawowe strategie wyszukiwania informacji i ich wykorzystanie w praktyce, „Przegląd Biblioteczny”, R. 75, z. 2,s. 233-251.[Online] Available on the Internet: . (Access: 28.02. 2023).

Antczak, M., Nowacka, A., (2008). Przypisy, powołania, bibliografia załącznikowa: jak tworzyć i stosować – podręcznik. Warszawa: Wydawnictwo SBP.

Świerczyński, M., Wilkowski, M., Czajka, R., Lipszyc, J., Czerniawski, P., Siewicz, K., Krótki kurs własności intelektualnej: Materiały dla uczelni. [Online]. Available on the Internet: (Access: 28.02. 2023).

Platforma Otwartej Nauki. [Online]. Available on the Internet:< <http://pon.edu.pl/>> (Access: 28.02.2023).

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