



## COURSE DESCRIPTION CARD - SYLLABUS

Course name

Information literacy for engineering thesis [S1Log2>DLdPI]

### Course

Field of study

Logistics

Year/Semester

4/7

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

0

Laboratory classes

0

Other

0

Tutorials

3

Projects/seminars

0

### Number of credit points

0,00

### Coordinators

dr inż. Alicja Szulc

alicja.szulc@put.poznan.pl

### Lecturers

### Prerequisites

Student should have basic principles of using the library collection. The skills to search databases and the Internet. Awareness of the need to develop the ability to obtain the necessary materials in the learning process.

### Course objective

Need to educate students to train them in the ability to search for information necessary for writing their theses and to use the information resources of their own library and those of other libraries and Internet.

### Course-related learning outcomes

Knowledge:

1. Student knows the basic concepts of logistics and its detailed issues and supply chain management and knows what information he is looking for in bibliographic databases [P6S\_WG\_04]
2. Student has knowledge of a foreign language in the field of grammatical structures and general vocabulary as well as vocabulary appropriate for the field of logistics, thanks to which he can use foreign sources of information [P6S\_WK\_02]
3. Student knows the basic methods, techniques, tools and materials used in preparation for conducting

scientific research and solving simple engineering tasks in the field of designing logistic systems and processes, as well as search possibilities in all types of resources [P6S\_WK\_07]

4. Student knows the basic concepts and principles of industrial property and copyright protection and uses this knowledge while browsing the library resources [P6S\_WK\_09]

#### Skills:

1. Student is able to use appropriate information and communication techniques within logistics and its detailed issues and management, and thus can independently search for the necessary information materials in printed and electronic library resources with the use of modern search tools [P6S\_UW\_02]

2. Student is able to search on the basis of the literature on the subject and other sources and in an orderly way to present information on the problem within logistics and its specific issues and supply chain management [P6S\_UW\_01]

3. Student is able to work individually or in a team to search the library resources with the use of various information techniques, interpret the obtained results and draw conclusions [P6S\_UW\_06]

#### Social competences:

1. The student is able to see the need to find the necessary materials for scientific work [P6S\_KO\_01]

2. The student is aware of the creation and existence of national and world bibliographic databases and full-text websites, the possibility of using them to improve their knowledge workshop [P6S\_KK\_02]

3. The student is aware of his own and team work, the use of information retrieval skills in professional career and personal development [P6S\_KR\_02]

### Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Tutorial: Assessment of the practical ability to find the indicated information in the library collections.

### Programme content

Tutorial: General information on access to library collections. Detailed information on the provision and terms of use of electronic resources. Methods of creating simple and advanced search strategies based on printed and electronic resources. Tools supporting the access and search of information in licensed and freely available resources (Open Access). Management of the attachment bibliography based on available software (eg EndNote Web).

### Course topics

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.

### Teaching methods

Tutorial: searching for sources, individual work, discussion.

### Bibliography

#### Basic:

1. Printed and electronic resources available through the website of the Library of the Poznań University of Technology, <http://www.library.put.poznan.pl>.

2. Access and terms and conditions of use of the e-sources, <http://library.put.poznan.pl/pl/2.html>.

#### Additional:

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

### Breakdown of average student's workload

	Hours	ECTS
Total workload	5	0,00
Classes requiring direct contact with the teacher	3	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	2	0,00