



COURSE DESCRIPTION CARD - SYLLABUS

Course name

AI TOOLS SUPPORTING SCIENTIFIC RESEARCH [S5SD1>NAIWBN]

Course

Proposed by Discipline

–

Year/Semester

1/1

Level of study

Doctoral School

Course offered in

English

Form of study

full-time

Requirements

elective

Number of hours

Lecture

4

Laboratory classes

0

Other

0

Tutorials

0

Projects/seminars

0

Number of credit points

1,00

Coordinators

dr inż. Monika Siewczyńska

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Lecturers

Prerequisites

computer skills

Course objective

The aim of the course is to learn methods of performing literature searches using AI tools.

Course-related learning outcomes

The doctoral student is familiar with the methodology of conducting literature research related to scientific research (P8S_WG, SzD_W03).

The doctoral student is able to conduct literature research related to their research (P8S_UW, SzD_U02).

The doctoral student is ready to adhere to the principle of public ownership of research results (P8S_KR, SzD_K07).

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

Assessment will be based on a report summarizing the results obtained during the workshop. Assessment will be based on the number of tools used and a critical assessment of the results obtained. Grade 5,0 ≥ 90%, 4,5 ≥ 80%, 4,0 ≥ 70%, 3,5 ≥ 60%, 3,0 ≥ 50%.

Programme content

Presentation of literature research tools using AI (lecture part) and independent testing of the discussed tools (workshop part), which requires creating an account on the tested platforms.

Course topics

literature query

Teaching methods

Lecture - multimedia presentation

Workshop - independent work on a computer

Bibliography

teaching materials provided by the lecturer

Breakdown of average student's workload

	Hours	ECTS
Total workload	25	1,00
Classes requiring direct contact with the teacher	4	0,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	21	1,00