



COURSE DESCRIPTION CARD - SYLLABUS

Course name

Methodology of writing scientific thesis [S1S11E>MPPN]

Course

| | |
|--------------------------------|-------------------|
| Field of study | Year/Semester |
| Artificial Intelligence | 3/6 |
| Area of study (specialization) | Profile of study |
| – | general academic |
| Level of study | Course offered in |
| first-cycle | English |
| Form of study | Requirements |
| full-time | compulsory |

Number of hours

| | | |
|-----------|--------------------|-------|
| Lecture | Laboratory classes | Other |
| 4 | 0 | 0 |
| Tutorials | Projects/seminars | |
| 0 | 0 | |

Number of credit points

0,00

Coordinators

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Lecturers

Prerequisites

none

Course objective

The objective of the course is to familiarize students with the methodology of scientific writing, taking into account the specific characteristics of the field of Artificial Intelligence

Course-related learning outcomes

Knowledge

- Possesses basic knowledge of major development trends and the most significant achievements in Artificial Intelligence, understood as an important field of computer science drawing from the achievements of other scientific disciplines while simultaneously providing them with solutions of practical relevance. (K1st_W5)
- Has basic knowledge of patents, copyright and related rights legislation, intellectual property protection, personal data protection regulations, and technology transfer, particularly with regard to AI-based IT solutions. (K1st_W10)

Skills

- Is able to acquire information from appropriately selected sources of various types, perform critical analysis, interpretation, and synthesis of the obtained information, and provide comprehensive justification for formulated opinions. (K1st_U1)
- Is able to perform critical analysis and evaluation of the operation of IT systems and the functioning of Artificial Intelligence methods. (K1st_U7)
- Is able to use information and communication technologies and tools at various stages of IT project implementation, including preparing well-documented technical studies, delivering oral presentations, communicating using specialized terminology, and discussing different opinions and viewpoints, also in non-specialist environments. (K1st_U14)

Social Competencies

- Is aware of the importance of knowledge and scientific research related to computer science and Artificial Intelligence in solving practical problems of key importance for individuals, companies, organizations, and society as a whole. (K1st_K2)
- Is aware of the social role of a graduate of a technical university; in particular, understands the need to communicate information and opinions concerning engineering activities, achievements in Artificial Intelligence, and other aspects of the work of an IT specialist in Artificial Intelligence in a clear and accessible manner to society. (K1st_K6)

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

none

Programme content

none

Course topics

none

Teaching methods

none

Bibliography

none

Breakdown of average student's workload

| | Hours | ECTS |
|---|-------|------|
| Total workload | 4 | 0,00 |
| 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) | 0 | 0,00 |