

1. Logic & critical thinking

2. Lectures & seminars

3. Credit with a note

4. Semester: winter

5. 20 hours

6. Syllabus

Logic as one of the main areas of philosophical research.

Fundamentals of formal logic: propositional calculus, syllogistic logic, quantifier calculus.

Elements of set theory: sets, relations.

Diagrammatic representations of extensions of notions (Venn, Euler).

Critical thinking - its logical grounds and practical applications.

Theory of argumentation and rational discussion

Contribution of Polish scholars to logic.

7. The students have basic skills in applying logic and critical thinking

8. First-cycle studies (Bachelor)

9. Section of Philosophy and Sociology; Institute of Tourism

10. Filip Kobiela PhD

11. Lectures with a group

12. ECTS Points: 3

13. Half of the course (lectures – 10 hours) can be conducted on-line