

# ABSTRACT OF THE ACADEMIC DISCIPLINE

## "LOGIC, FORMAL LOGIC"

(course of choice)

Educational program "MEDICINE"

Speciality: 222 "MEDICINE"

### THE PURPOSE OF THE COURSE

*The purpose of the course* - is to master the basic laws and principles of correct thinking, the formation of a future specialist in the culture of thinking. Logic, as a discipline, is associated with knowledge of philosophical and other humanities, in particular, philosophy, political science, language disciplines: "Foreign language", "Ukrainian language (for professional purposes)", "Latin language". Logic, formal logic is the methodological basis of cognitive activity in any field, so the study of this discipline is important in providing scientific and professional training of future pharmacists.

### THE PROCESS OF STUDYING THE DISCIPLINE IS AIMED AT THE FORMATION OF SUCH COMPETENCIES

- the ability to abstract primary sources and scientific publications from logic;
- the ability to a priori synthesize acquired knowledge from philosophical disciplines into holistic worldview and understanding;
- the ability to analyze communication problems associated with logical errors and techniques.

### CONTENTS OF THE DISCIPLINE

Logic. The subject of logic. Thinking and language. Semiotic nature of logic. Concept as a form of thinking. Logical operations on concepts. Judgment. Deductive condition. Plausible arguments: inductive condition and condition according to the scheme "analogy". Logical basis of argumentation theory.

### SCOPE OF STUDY

4 EDS credits, total 120 hours, including 40 hours classroom training sessions and 80 hours of independent and individual work.