

**Course Outline for Lecture-Based Classes**  
**in the Discipline of Clinical Pharmacology for the Students Enrolled in 2022**  
**Program: 33.05.01 Pharmacy (Specialist Degree, Full-Time Study)**  
**Academic Year 2025–2026**

<b>№</b>	<b>Lecture-type class topics</b>	<b>Hours (academic)</b>
<b>7th semester</b>		
1.	Introduction to clinical pharmacology. Sections of clinical pharmacology. The importance of clinical pharmacology in the professional activity of a pharmacist. The Code of Ethics of a pharmaceutical worker.	2
2.	Pharmacokinetics. Pharmacodynamics. Basic concepts and their practical significance. Drug interactions. Pharmaceutical, pharmacokinetic, and pharmacodynamic drug interactions.	2
3.	Adverse reactions when using medications. WHO classification. Pharmacovigilance. The national system for monitoring adverse (adverse) reactions in the use of medicines.	2
Total		6
<b>8th semester</b>		
1.	Clinical pharmacology of the main classes of antibacterial drugs. Principles of rational antibiotic therapy. Antibiotics for outpatient practice.	2
2.	Clinical and pharmacological approaches to the selection and use of drugs for diseases of the cardiovascular system.	2
3.	A clinical and pharmacological approach to the selection and use of drugs for the treatment of bronchoobstructive syndrome.	2
Total		6

Reviewed at the meeting of the Department of Clinical Pharmacology and Intensive Care, Protocol No. 11 dated May 26, 2025.

Head of the Department



V.I.Petrov