

**Thematic plan for lecture-type classes
in discipline "Methods of Pharmacopoeial Analysis"
for students of 2024 year of admission
under the educational programme
33.05.01 Pharmacy,
specialisation (profile) Pharmacy
(Specialist's degree),
form of study full-time
for the 2025-2026 academic year**

No.	Topics of lecture-type classes	Hours (academic)
4th semester		
1.	Physical methods of pharmacopoeial analysis ¹ . Determination of melting point and boiling point ² .	2
2.	Physical methods of pharmacopoeial analysis ¹ . Determination of volatiles and water. Solutions and solubility ² .	2
3.	Chromatographic methods of analysis ¹ . Classification, characteristics ² .	2
5th semester		
1.	Pharmaceutical analysis of inorganic compounds ¹ . Methods for determination of main cations and anions ² .	2
2.	Pharmacopoeial analysis of medicinal substances by functional groups ¹ . Pharmacopoeial analysis of synthetic drugs. Hydrocarbons and their derivatives. Analysis of alcohol, ether, and aldehydes ² .	2
3.	Pharmacopoeial analysis of synthetic medicinal products ¹ . Analysis of preparations of aliphatic carboxylic acids and amino acids, phenols ² .	2
6th semester		
1.	Pharmacopoeial analysis of synthetic medicinal products ¹ . Aromatic acids and their derivatives. Aromatic amines and their derivatives ² .	2
2.	Pharmacopoeial analysis of synthetic medicinal products ¹ . Aromatic sulfonic acids and their derivatives. Sulfonamides. Aromatic amino acids and their derivatives ² .	2
3.	Pharmacopoeial analysis of synthetic drugs ¹ . Terpenoids. Furan derivatives. Pyrazole derivatives ² .	2
	Total	18

¹- topic

²- essential content

Considered at a meeting of the Department of Pharmaceutical and Toxicological Chemistry, Pharmacognosy and Botany, protocol of "30" ___May___ 2025 No. _10_.

Head of the Department



A. Ozerov