

**Thematic plan for seminar-type classes
in discipline «History of pharmacy»
for students of 2025 year of admission
under the educational programme
33.05.01 Pharmacy,
specialisation (profile) Pharmacy
(Specialist's degree),
form of study full-time correspondence
for the 2025-2026 academic year**

№	Thematic blocks	Hours (academic) 3
	1st semester	
1.	History of pharmacy as a science. ¹ Subject, objectives and structure of the course. Main stages of the history of medicine and pharmacy: folk, traditional, scientific medicine. ²	2
2.	Healing and medicine in primitive society. ¹ Natural Remedies: Early Forms of Religion and Their Influence on Healing. ²	2
3.	Medicine and pharmacy in the era of the most ancient civilizations of the East. ¹ The main factors in the development of medicine and pharmacy in the era of the most ancient civilizations. Features of healing and drug science in the Ancient World. ²	2
4.	Medicine and pharmacy in the era of antiquity. ¹ Historical conditions of development of medicine in Ancient Greece. Natural philosophy and medicine. Hippocrates and his school. Features of medicine in Ancient Rome. Sanitary science. Galen and his contribution to pharmacy. ²	4
5.	Medicine and pharmacy in the Middle Ages. ¹ General characteristics of the Middle Ages. Features of Byzantine medicine. Medicine and pharmacy in the countries of the Arab East. Medicine and pharmacy in Western Europe. The main stages of development of medicine and drug science in Ancient Russia. ²	4
6.	Formation of scientific medicine and pharmacy in the Renaissance. ¹ General characteristics of the Renaissance. Scientific knowledge and medicine in the late 14th – early 17th centuries. Iatrophysics and iatrochemistry. Main directions of medicine in the Renaissance. Pharmacy. ²	2
7.	European Medicine and Pharmacy in the 17th-18th Centuries ¹ Historical Conditions for the Development of Natural Science and Medicine in the Modern Era. The "Scientific Revolution" of the 17th Century. European Medicine and Pharmacy in the 18th Century. The Theory of Phlogiston. ²	2
8.	Diseases and medicine in the era of industrial society. ¹ Industrial revolution and new health risks in the 19th century New directions in medicine in the 19th century. New drugs (anaesthetics, serums, vaccines, antiseptics). ²	2
9.	Formation of pharmaceutical production in the 19th century. ¹ Pharmaceutical production and pharmaceutical education. New dosage forms. Companies – leaders of the pharmaceutical market ²	2
10.	Formation of domestic medicine and pharmacy in the 18th century. ¹ Reforms of Peter I and the formation of Russian science. Russian	2

	Academy of Sciences. M.V. Lomonosov and his contribution to chemistry and medicine. Regulation of the work of pharmacies. ²	
11.	Development of domestic medicine and pharmacy in the 19th century. ¹ Main directions of scientific medicine in Russia in the 19th century. Formation of domestic pharmacy in the 19th century (works of A.P. Nelyubin, V.A. Tikhomirov, A.V. Pel). ²	2
12.	Achievements and problems of medicine in the 20th century – early 21st century ¹ “Diseases of civilization”. Scientific and technological revolution and new directions in medicine. Social and ethical problems. National health systems and international medical organizations ²	2
13.	Problems of drug supply and pharmaceutical industry in the 20th century. ¹ “Drug revolution” and the development of evidence-based medicine. Leading companies in the drug market. Problems of creating and licensing new drugs. ²	2
14.	Formation and development of pharmacy and pharmacy business in the USSR: main stages. “Semashko model”. Medicine and pharmacy of the USSR during the Great Patriotic War. Achievements and problems of Soviet medicine and pharmacy in the 1950-80s ²	2
15.	Medicine and Pharmacy in the Russian Federation. ¹ Reforms of the 1990s in the Healthcare Sector. Problems of Modern Russian Medicine and Pharmacy. ²	2
	Total	34

¹ – topic

² – essential content

³ – one thematic block includes several classes, the duration of one class is 45 minutes, with a break between classes of at least 5 minutes

Considered at the department meeting of History and Cultural Studies of the Institute of Health named after N.P. Grigorenko, protocol of «02» june 2025 r. № 11.

Head of the Department



L.I. Belova