

MINISTRY OF HEALTH OF THE REPUBLIC OF BELARUS
Educational Institution "Belarusian State Medical University"

Department of Pharmaceutical Chemistry with a course for advanced training and retraining

Discussed at the department meeting
Protocol No. 6 of
January 23, 2026

CALENDAR-THEMATIC PLAN
laboratory lessons on the academic discipline "Pharmaceutical Chemistry"
for 3rd year students of
Medical Faculty for Foreign Students
(with English language of instruction) in the specialty "Pharmacy"
for the 6th semester of the 2025/2026 academic year.

No.	LESSON TOPIC	DATE
1	Pharmacopoeial analysis of inorganic pharmaceutical substances: p-elements: hydrogen peroxide solutions, iodine, povidone-iodine, sodium and potassium chlorides, sodium and potassium bromides, sodium and potassium iodides	27.01.2026
2	Pharmacopoeial analysis of inorganic pharmaceutical substances: p-elements: bismuth nitrate basic heavy, sodium hydrogen carbonate, sodium thiosulfate, boric acid, sodium tetraborate, hydrated aluminum oxide, hydrated aluminum phosphate, aluminum chloride, sulfur for external use	03.02.2026
3	Pharmacopoeial analysis of inorganic pharmaceutical substances: d-elements	10.02.2026
4	Pharmacopoeial quality control of pharmaceutical substances of aliphatic nature: alkanes, alcohols, esters, aldehydes, sulfoxides	17.02.2026
5	Pharmacopoeial quality control of pharmaceutical substances of aliphatic nature: carbohydrates, terpenoids	24.02.2026
6	Pharmacopoeial quality control of pharmaceutical substances of aliphatic nature: carboxylic acids, amino acids	03.03.2026
7	Final lesson: "Pharmacopoeial analysis of pharmaceutical substances of inorganic and aliphatic nature"	10.03.2026
8	Pharmacopoeial quality control of aromatic pharmaceutical substances: phenols, aromatic acids	17.03.2026
9	Pharmacopoeial quality control of aromatic pharmaceutical substances: phenylalkylamines, sulfanilic acid	24.03.2026

10	Pharmacopoeial quality control of pharmaceutical substances of heterocyclic nature: derivatives of furan, nitrofuran and nitroimidazole	31.03.2026
11	Pharmacopoeial quality control of pharmaceutical substances of heterocyclic nature: derivatives of benzopyran, pyrazole, benzimidazole, pyridine, pyrimidothiazole, corrin	07.04.2026
12	Pharmacopoeial quality control of pharmaceutical substances of heterocyclic nature: derivatives of isoquinoline, purine, pteridine, isoalloxazine	14.04.2026
13	Pharmacopoeial quality control and pharmaceutical chemistry of terpenoid derivatives, chromone, seco-derivatives of ergosterol and naphthoquinone, related to fat-soluble vitamins and their derivatives	21.04.2026
14	Pharmacopoeial quality control and pharmaceutical chemistry of aromatic amino acid derivatives related to local anesthetic medicines	28.04.2026
15	Final lesson: "Pharmacopoeial analysis of aromatic and heterocyclic pharmaceutical substances, vitamins, and local anesthetic medicines"	05.05.2026
16	Quality control of pharmaceutically prepared medicines (extemporaneous medicines). Quality control of industrially manufactured medicines.	12.05.2026
17	Final lesson: "Pharmacopoeial analysis of pharmaceutical substances"	19.05.2026

Associate Professor of Department
of Pharmaceutical Chemistry with a
course for advanced training and retraining

PhD, Associate Professor



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