

EDUCATIONAL INSTITUTION
«BELARUSIAN STATE MEDICAL UNIVERSITY»

THE DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY
WITH ADVANCED TRAINING AND RETRAINING COURSE

APPROVED at the Department Session
Protocol No1 of August 31, 2026

CALENDAR-THEMATIC PLAN
OF LECTURES FOR EDUCATIONAL DISCIPLINE
« PHARMACY TECHNOLOGY OF DRUGS»

for students with training in English
I semester 2026/2027 ed. year (5 educational semester)

№	Theme	Date
1	Introduction to the academic discipline «Pharmacy Technology of Drugs». Basic terms and notions. History and development prospects.	03.09.2026
2	Classification of dosage forms. State regulation of the manufacturing of medicines	10.09.2026
3	Powders as a dosage form. General powder technology	17.09.2026
4	True solutions of medicinal substances. Application of the provisions of dissolution theory to optimize the technology of drug solutions	24.09.2026
5	General characteristics of liquid dosage forms. Dispersion media.	01.10.2026
6	Technology of concentrated solutions of medicinal substances, their using in the technology of liquid dosage forms. Technology of mixtures	08.10.2026
7	Technology of drops for internal and external use (except ophthalmological). Technology of solutions of high-molecular compounds	15.10.2026
8	Aqueous and alcohol standard pharmacopoeial solutions, rules for the manufacturing and diluting	22.10.2026
9	Technology of non-aqueous solutions of medicinal substances	29.10.2026
10	Technology of colloid solutions	05.11.2026
11	Heterogeneous dispersed systems. Technology of suspensions	12.11.2026
12	Dosage forms with elastic-ductile-viscous dispersion medium	19.11.2026
13	Organization of aseptic conditions at chemist's shop. Sterilization methods, concept of the level of sterility guarantee	26.11.2026
14	Sterile dosage forms. Technology of solutions for parenteral administration	03.12.2026

Head of the Department
of Pharmaceutical Technology,
Associate Professor, Ph.D.



N.S.Golyak