

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 PRACTICAL LESSONS 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». Classification of dosage forms. Special terms	03.09.2026
2	State regulation of the manufacturing of medicines	10.09.2026
3	Dosing by mass. Laboratory work: dosing of medicinal substances using manual, tare and electronic scales; checking the sensitivity of manual scales	17.09.2026
4	Dosing by volume. Laboratory work: calibration of a non-standard empirical droplet meter	24.09.2026
5	Final lesson on the topic «General technology of medicines, produced at chemist's shop»	01.10.2026
6	Technology of powders with difficult-to-grind medicines. Laboratory work: manufacturing of complex powder according to an individual recipe	08.10.2026
7	Technology of powders with narcotic and toxic medicines Laboratory work: manufacturing of complex powder with using toxic or narcotic pharmaceutical substances according to an individual recipe	15.10.2026
8	Technology of powders with coloring, odorous and volatile medicines Laboratory work: manufacturing of complex powder with coloring, odorous or volatile pharmaceutical substances	22.10.2026
9	Final lesson on the topic «Solid dosage forms»	29.10.2026
10	Technology of non-aqueous solutions of medicinal substances. Laboratory work: manufacturing by mass of a solution using a viscous or volatile solvent according to an individual recipe	05.11.2026
11	Technology of ethyl alcohol solutions. Laboratory work: dilution of ethyl alcohol to the specified concentration	12.11.2026
12	Technology of standard pharmacopoeial solutions. Laboratory work: manufacturing of an alcohol solution or dilution of a standard pharmacopoeial liquid	19.11.2026
13	Technology of aqueous solutions of medicinal substances. Special cases of dissolution. Laboratory work: manufacturing of a solution of a low-molecular substance according to an individual prescription	26.11.2026
14	Technology of concentrated solutions. Laboratory work: manufacturing of a concentrated solution as a pharmaceutical preparation and determination of its concentration by the refractometric method	03.12.2026

15	Technology of mixtures. Laboratory work: manufacturing of a mixture according to an individual prescription	10.12.2026
16	Final lesson on the topic «Liquid dosage forms»	17.12.2026
17	Practical skills. Credit	24.12.2026

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



N.S.Golyak