

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
«INDUSTRIAL TECHNOLOGY OF DRUGS»

for students with training in English

I semester 2026/2027 ed. year (7 educational semester)

No	Theme	Date
1	Principles of organization of medicinal product manufacturing. Terminology. Basic processes of industrial technology, their role in the production of medicinal products. General concepts of machines and apparatuses	01.09.2026
2	Good Manufacturing Practice (GMP) Rules of the Republic of Belarus and the EAEU. Regulatory documentation for manufacturing	15.09.2026
3	Good Manufacturing Practice (GMP) Rules of the Republic of Belarus and the EAEU. Regulatory documentation for manufacturing. VR-factory.	22.09.2026
4	Air and water treatment system at pharmaceutical enterprises	29.09.2026
5	Mechanical processes and equipment. Hydromechanical processes and equipment	06.10.2026
6	Heat-exchanging and equipment. Mass-exchanging processes and equipment	13.10.2026
7	Final lesson on sections «General principles of organizing the production of medicines at pharmaceutical enterprises», «Processes and equipment of pharmaceutical technology»	20.10.2026
8	Technology for industrial production of solid dosage forms. Production of powders and herbal mixtures. Study of pharmaceutical-technological properties of powders	27.10.2026
9	Industrial production of granules. Study of pharmaceutical-technological properties of granules	03.11.2026
10	Tablets. Methods of production. Theoretical basis of tableting. Excipients used in tablet production	10.11.2026
11	Technological schemes for tablet production. Characteristics of tablet presses	17.11.2026
12	Quality evaluation of tablets	24.11.2026
13	Coating of tablets. Modern types of tablets. Industrial production of dragees	01.12.2026
14	Industrial production of hard gelatin capsules	08.12.2026
15	Industrial production of soft gelatin capsules. Microencapsulation of medicinal products	15.12.2026
16	Final lesson on section «Industrial technology of solid drug forms». Credit.	22.12.2026

Head of the Department
of Pharmaceutical Technology,
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