

AMENDMENTS AND CHANGES TO THE CURRICULUM IN THE EDUCATIONAL DISCIPLINE
«Organization and Economics of Pharmacy»
for the specialty 7-07 0912-01 «Pharmacy»

for 2026/2027 academic year

Amendments and changes		Basis/Reason	
There are no changes or additions to the main literature.		Department meeting (protocol 01.06.2026)	#13 of
2. Changes have been made to the thematic plan according to Appendix #1.		Department meeting (protocol 01.06.2026)	#13 of
3. Changes have been made to the educational and methodological card in accordance with Appendix #2.		Department meeting (protocol 01.06.2026)	#13 of
The topic "Organization of the work of the control and analytical (testing) laboratory" should include the following questions: Functions of the Republican Control and Analytical Laboratory, equipment, staff. Functions of the Laboratory Service of the State Scientific Research Center of Epidemiology and Microbiology; Laboratory of state quality control of components, blood preparations, blood substitutes and preservative solutions of the State Scientific Research Center of Transfusiology and Medical Biotechnologies. The procedure and conditions for conducting quality control of medicinal products before they are accepted for sale. The procedure and conditions for quality control of medicines in circulation. The procedure for the selection and use of drug samples for quality control, evaluation and registration of the results. The topic "Occupational safety in pharmacy organizations" should include the following questions: Legislation of the Republic of Belarus on labor protection. The main directions of the state policy in the field of labor protection. Working conditions. Duties and rights of		Department meeting (protocol 01.06.2026)	#13 of

the employer and employee in the field of labor protection. Labor protection instructions. Training, internship, instruction and knowledge testing on occupational safety issues. Provision of pharmacy workers with sanitary clothing and personal protective equipment. Certification of workplaces according to working conditions. Compensation for working conditions. Medical examinations of employees. Labor protection features of certain categories of employees. Supervision of compliance with labor protection legislation.	
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The curriculum is revised and approved at the department meeting organizations with advanced training course and retraining (protocol #13 of 01.06.2026)

Head of the department organizations with advanced training course and retraining



V.V.Mushkina

APPROVED
Dean of the Medical Faculty for International Students



O.S.Ishutin

THEMATIC PLAN

Section (topic) name		Number of class hours	
lectures (incl. SSIW)	3	16	
		practical	
	1. Basics of healthcare and pharmacy		
	1,5	4	1.1. Introduction to the academic discipline «Organization and Economics of Pharmacy». Regulatory support of healthcare and pharmacy
		4	1.2. Health care structure of the Republic of Belarus. State policy in the field of healthcare and pharmacy
		4	1.3. Pharmacy organization as a business entity. Organizational and legal forms. Procedure for state registration and liquidation.
		8	2. Normative legal regulation of the activities of pharmacy organizations and their structural divisions
	9	4	2.1. The procedure for opening, establishing and equipping pharmacies in accordance with the requirements of Good Pharmacy Practice. Design and decoration of the pharmacy sales area in accordance with the requirements of Good Pharmacy Practice and merchandising principles
	3	4	2.2. Sanitary and epidemiological requirements for the maintenance and operation of pharmacies. Standardization of pharmaceutical activities. Quality assurance system in pharmacy
	3	4	2.3. Nomenclature and qualifications of positions of pharmaceutical employees. Material responsibility in the pharmacy
	1,5	4	2.4. Licensing of pharmaceutical activities. Licensing of activities related to the trafficking of narcotic drugs, psychotropic substances and their precursors.
	12	36	3. Organization of drug supply to the population and healthcare organizations
	1,5	4	3.1. Organization of ordering, receiving and storing medicines, medical devices and other pharmaceutical products in a pharmacy
	3	8	3.2. The procedure for writing a doctor's prescription (creating an electronic doctor's prescription). Automated information system «Electronic prescription». Retail sale of medicines, medical devices and other pharmaceutical products
	3	8	3.3. Pharmaceutical examination and taxing of doctor's prescription
3	8	3.4. Organizing the work of a pharmacy in the production, packaging, labeling and quality control of medicines, carrying out laboratory (packing) work	

Section (topic) name		lectures (incl. SSIW)	practical
Number of class hours			
3.5 Fundamentals of pharmacoecconomics. Organization of drug provision for patients receiving medical care in inpatient settings. Organization of work of a hospital pharmacy		-	4
3.6. Medicine provision for rural population. Organization of work of the central district pharmacy		1,5	4
4. Purchase, promotion, distribution of medicines, medical devices and other pharmaceutical products		15	48
4.1. Government procurement of medicines and medical devices. Purchasing policy of a pharmacy organization		3	4
4.2. Order of purchase, storage, sale of narcotic drugs and psychotropic substances in pharmacy and pharmacy warehouse		1,5	8
4.3. The procedure for importing medicines, medical devices and other pharmaceutical products into the Republic of Belarus. Harmonization of regulatory legal support for the circulation of medicines in the EAEU		3	8
4.4. Pharmaceutical logistics. Procedure and conditions for transportation of medicines, medical devices and other pharmaceutical products. Organization of the operation of pharmacy warehouses in accordance with the rules of the Good Distribution Practice of the EAEU		3	4
4.6. Organization of self-inspection in a pharmacy and pharmaceutical warehouse		-	4
4.7. Organization of work of the control and analytical (testing) laboratory		1,5	4
4.8. Information and advertising activities in pharmacy		1,5	4
4.9. Organization of pharmacy abroad. International cooperation in healthcare and pharmacy. Pharmaceutical public associations		1,5	12
5.Accounting and analysis of the financial and economic activities of a pharmacy organization		15	64
5.1. General characteristics of business accounting. Organization of accounting		3	4
5.2. Accounting for receipt of inventory items in a pharmacy. Accounting for receipt of inventory items in a pharmacy		3	4
5.3. Accounting for fixed assets in a pharmacy. Accounting for inventory in a pharmacy		-	8
5.4. Accounting for funds in a pharmacy		-	4
5.5. Accounting in the pharmacy forms and documents with a degree of protection		-	4
5.6. Accounting reports of the pharmacy organization. The basics of accounting balance		1,5	4

Section (topic) name		Number of class hours
	lectures (incl. SSIW)	practical
5.7. Accounting of work and salary. Remuneration of work in pharmaceutical organizations		4
5.8. Deductions from salary. Payment of leave and benefits.		8
5.9. State control (supervision) and audit in pharmacy organizations		4
5.10. Pharmaceutical inspection		4
5.11. Taxation of pharmacy organizations		4
5.12. Inventory of assets and liabilities in a pharmacy		4
5.13. Subject-quantitative accounting in the pharmacy		8
6. Fundamentals of the economy of the pharmacy organization		9
6.1. Fundamentals of economic analysis		4
6.2. Analysis and planning of pharmacy compounding		3
6.3. Analysis and planning of pharmacy turnover		3
6.4. Analysis and rationing of inventory in the pharmacy and pharmacy warehouse		3
6.5. Analysis and planning of work and salary indicators		3
6.6. Analysis and planning of sales costs, profits and profitability of pharmacies		3
6.7. Assortment and pricing policy of the pharmacy organization. Determining the need for medicines, medical devices and pharmaceutical products		3
6.8. Financial management in pharmacy. Development of a business plan for the development of a pharmacy organization		6
7. Regulation of work relations and organization of work with the public in pharmacy organizations		6
7.1. Staffing of a pharmacy organization		3
7.2. Regulation of work relations in pharmacy organizations		3
7.3. Labor discipline. Disciplinary responsibility of employees		3
7.4. Occupational safety in pharmacy organizations		3
7.5. Protection of consumer rights in the sphere of circulation of medicines, medical devices and other pharmaceutical products		3
7.6. Organization of the pharmacy with appeals of citizens. Information technology and automation in the activities of pharmaceutical organizations		9
Total hours		236

Appendix #2

EDUCATIONAL DISCIPLINE «ORGANIZATION AND ECONOMICS OF PHARMACY» CURRICULAR CHART

Section, topic #	Section (topic) name	Number of class hours			Literature	Practical skills	Form of control	
		lectures	laboratory	Supervised student independent work			of practical skills	of current / intermediate assessment
5 semester								
	Lectures	18	-	6	-			
1.1.	Introduction to the academic discipline «Organization and Economics of Pharmacy». Regulatory support of healthcare and pharmacy	1,5	-	-	3, 4, 10			
1.2.	Health care structure of the Republic of Belarus. State policy in the field of healthcare and pharmacy		-					
1.3.	Pharmacy organization as a business entity. Organizational and legal forms. Procedure for state registration and liquidation	1,5	-	-	2, 10			
2.1.	The procedure for opening, establishing and equipping pharmacies in accordance with the requirements of Good Pharmacy Practice. Design and decoration of the pharmacy sales area in accordance with the requirements of Good Pharmacy Practice and merchandising principles	1,5	-	1,5	9, 10			Testing
2.2.	Sanitary and epidemiological requirements for the maintenance and operation of pharmacies.	3,0	-	-	4, 8, 10			

	Standardization of pharmaceutical activities. Quality assurance system in pharmacy						
2.3.	Nomenclature and qualifications of positions of pharmaceutical employees. Material responsibility in the pharmacy	1,5	-	-	8, 10		
2.4.	Licensing of pharmaceutical activities. Licensing of activities related to the trafficking of narcotic drugs, psychotropic substances and their precursors	1,5	-	-	1, 4, 10		
3.1.	Organization of ordering, receiving and storing medicines, medical devices and other pharmaceutical products in a pharmacy	1,5	-	-	2, 4, 10		
3.2.	The procedure for writing a doctor's prescription (creating an electronic doctor's prescription). Automated information system «Electronic prescription». Retail sale of medicines, medical devices and other pharmaceutical products	1,5	-	1,5	10		Testing
3.3.	Pharmaceutical examination and taxing of doctor's prescription	1,5	-	1,5	10		Control work
3.4.	Organizing the work of a pharmacy in the production, packaging, labeling and quality control of medicines, carrying out laboratory (packing) work	1,5	-	1,5	1, 8, 10		Control work
3.6.	Medicine provision for rural population. Organization of work of the central district pharmacy	1,5	-	-	2, 10		
	Laboratory lessons	-	64	-	-		
1.	Basics of healthcare and pharmacy	-	16	-	-		
1.1.	Introduction to the academic discipline «Organization and Economics of Pharmacy». Regulatory support of healthcare and pharmacy	-	4	-	3, 4, 10		
1.2.	Health care structure of the Republic of Belarus. State policy in the field of healthcare and pharmacy	-	4	-	3, 4, 10		
1.3.	Pharmacy organization as a business entity. Organizational and legal forms. Procedure for state registration and liquidation	-	4	-	15, 16, 18, 20, 56		

	Final lesson 1.1-1.3	-	4	-	-			Colloquium*
2.	Normative legal regulation of the activities of pharmacy organizations and their structural divisions	-	20	-	-			
2.1.	The procedure for opening, establishing and equipping pharmacies in accordance with the requirements of Good Pharmacy Practice. Design and decoration of the pharmacy sales area in accordance with the requirements of Good Pharmacy Practice and merchandising principles	-	4	-	3, 4, 10	Filling out the Measuring Instruments Logbook	Solving situational tasks	
2.2.	Sanitary and epidemiological requirements for the maintenance and operation of pharmacies. Standardization of pharmaceutical activities. Quality assurance system in pharmacy	-	4	-	4, 8, 10	Completing the Breeding Logbook disinfection solutions	Solving situational tasks	
2.3.	Nomenclature and qualifications of positions of pharmaceutical employees. Material responsibility in the pharmacy	-	4	-	8, 10			
2.4.	Licensing of pharmaceutical activities. Licensing of activities related to the trafficking of narcotic drugs, psychotropic substances and their precursors	-	4	-	1, 4, 10			
	Final lesson 2.1. - 2.4	-	4	-	-			Colloquium *
3.	Organization of drug supply to the population and healthcare organizations	-	28	-	-			
3.1.	Organization of ordering, receiving and storing medicines, medical devices and other pharmaceutical products in a pharmacy	-	4	-	2, 4, 10	Filling out the log of acceptance results control	Filling out the documents based on situational tasks	
3.2.	The procedure for writing a doctor's prescription (creating an electronic doctor's prescription).	-	4	-	10	Filling out the act of destroying doctor's	Solving situational tasks	

	Automated information system «Electronic prescription». Retail sale of medicines, medical devices and other pharmaceutical products		4			prescriptions		
3.3.	Pharmaceutical examination and taxing of doctor's prescription		4	-	10	Conduct pharmaceutical examination and taxation of prescription forms Registration of recipes in the Logbook of incorrect prescriptions issued	Solving situational tasks	
3.4.	Organizing the work of a pharmacy in the production, packaging, labeling and quality control of medicines, carrying out laboratory (packing) work	-	4	-	1, 8, 10	Filling out the Laboratory and Packaging Logbook Registration of recipes in the Recipe Logbook	Solving situational tasks	
		-	4	-	-			Solving situational tasks* Credit
		18	64	6	-			
		6 semester						
	Total							
	Lectures	9	-	6	-			
4.1.	Government procurement of medicines and medical devices. Purchasing policy of a pharmacy organization	1,5	-	1,5	2, 4, 8, 10			Testing

4.2.	Order of purchase, storage, sale of narcotic drugs and psychotropic substances in pharmacy and pharmacy warehouse	1,5	-	-	4, 6, 10			
4.3.	The procedure for importing medicines, medical devices and other pharmaceutical products into the Republic of Belarus. Harmonization of regulatory legal support for the circulation of medicines in the Eurasian Economic Union	1,5	-	1,5	4, 6, 10			Testing
4.4.	Organization of the operation of pharmacy warehouses in accordance with the rules of the Good Distribution Practice of the EAEU	1,5	-	-	3, 4, 10			
4.5.	Pharmaceutical logistics. Procedure and conditions for transportation of medicines, medical devices and other pharmaceutical products	1,5	-	-	4, 7, 10			
4.7.	Organization of work of the control and analytical (testing) laboratory	-	-	1,5	13, 19, 56			Control work
4.8.	Information and advertising activities in pharmacy	1,5	-	-	1, 2, 10			
4.9.	Organization of pharmacy abroad	-	-	1,5				Defense of the abstract
	Laboratory lessons	-	56	-	-			
3.	Organization of drug supply to the population and healthcare organizations	-	8	-	-			
3.5.	Fundamentals of pharmacoeconomics. Organization of drug provision for patients receiving medical care in inpatient settings. Organization of work of a hospital pharmacy	-	4	-	3,4,10			
3.6.	Medicine provision for rural population. Organization of work of the central district pharmacy	-	4	-	10			
4.	Purchase, promotion, distribution of medicines, medical devices and other pharmaceutical products	-	48	-	-			

4.1.	Government procurement of medicines and medical devices. Purchasing policy of a pharmacy organization	-	4	-	2, 4, 8, 10			
4.2.	Order of purchase, storage, sale of narcotic drugs and psychotropic substances in pharmacy and pharmacy warehouse	-	4	-	4, 6, 10			
	Final lesson 3.5-4.2	-	4	-	-			Colloquium *
4.3.	The procedure for importing medicines, medical devices and other pharmaceutical products into the Republic of Belarus. Harmonization of regulatory legal support for the circulation of medicines in the Eurasian Economic Union	-	4	-	3, 4, 10			
4.4.	Pharmaceutical logistics. Procedure and conditions for transportation of medicines, medical devices and other pharmaceutical products. Organization of the operation of pharmacy warehouses in accordance with the rules of the Good Distribution Practice of the EAEU	-	4	-	4, 7, 10			
4.5.	Organization of self-inspection in a pharmacy and pharmaceutical warehouse	-	4	-	7, 8, 10	Carrying out self-inspection using a checklist	Solving situational problems based on a simulation and certification pharmacy	
4.6.	Organization of work of the control and analytical (testing) laboratory	-	4	-	9, 10			
4.7.	Information and advertising activities in pharmacy	-	4	-	4, 8, 10			
4.8.	Organization of pharmacy abroad. International cooperation in healthcare and pharmacy. Pharmaceutical public associations	-	4	-	1, 2, 10			Solving situational tasks
	Final lesson 4.3-4.8	-	4	-	-			Colloquium *

Final lesson 1.1-4.8		4				Solving situational problems on practical skills with grading
Total	9	56	6	-		Examinations
7 semester						
Lectures	9	-	6	-		
5.1. General characteristics of business accounting. Organization of accounting	1,5	-	1,5	1, 2, 10		Testing
5.3. Accounting for the consumption of inventory items in a pharmacy	1,5	-	1,5	1, 2, 10		Testing
5.7. Accounting reports of the pharmacy organization. The basics of accounting balance	1,5	-	-	2, 10		
5.8. Accounting of work and salary. Remuneration of work in pharmaceutical organizations	1,5	-	1,5	2, 10		Testing
5.10. State control (supervision) and audit in pharmacy organizations	1,5	-	1,5	3, 4, 5, 10		Testing
5.13. Inventory of assets and liabilities in a pharmacy	1,5	-	-	8, 10		
Laboratory lessons	-	68	-	-		
5. Accounting and analysis of the financial and economic activities of a pharmacy organization	-	68	-	-		
5.1. General characteristics of business accounting. Organization of accounting	-	4	-	1, 2, 10		
5.2. Accounting for receipt of inventory items in a pharmacy. Accounting for the consumption of inventory items in a pharmacy	-	4	-	1, 2, 10	Calculation and registration of natural loss	Solving situational problems
5.3. Accounting for fixed assets in a pharmacy. Accounting for inventory in a pharmacy	-	4	-	1, 2, 10	Registration of internal movement of main funds between	Solving situational problems based on a simulation

					departments специств	and certification pharmacy	
	Final lesson 5.1-5.3	-	4	-	-		Colloquium *
5.4.	Accounting for funds in a pharmacy				Filling out a cash book at a pharmacy Filling out the cashier's book at the pharmacy based on the Z report Documentation of cash collection funds	Filling out cash documents based on situational tasks with grading	
		-	4	-	2, 10		
5.5.	Accounting in the pharmacy forms and documents with a degree of protection				Registration of incoming and outgoing cash orders Registration of the letter of transmittal	Filling out cash documents based on situational tasks with grading	
		-	4	-	2, 10		
5.6.	Accounting reports of the pharmacy organization. The basics of accounting balance				Accounting of fixed assets received by the pharmacy	Solving situational problems based on a simulation and certification pharmacy	
		-	4	-	2, 10		
5.7.	Accounting of work and salary. Remuneration of work in pharmaceutical organizations	-	4	-	2, 10		
5.8.	Deductions from salary. Payment of leave and benefits	-	4	-	2, 10	Calculation of wages and vacation pay for	Solving situational problems

	Final lesson 5.4-5.8	-	4	-	-	employees pharmacies	Solving situational tasks*
5.9.	State control (supervision) and audit in pharmacy organizations	-	4	-	5, 8, 10		
5.10.	Pharmaceutical inspection	-	4	-	5, 8, 10		
5.11.	Taxation of pharmacy organizations	-	4	-	5, 8, 10		
5.12.	Inventory of assets and liabilities in a pharmacy	-	4	-	8, 10	Registration of inventory results in a pharmacy	Performing practical work
5.13.	Subject-quantitative accounting in the pharmacy	-	4	-	4, 10		
	Final lesson 5.10-5.14	-	4	-	-		Colloquium.*
6.1.	Fundamentals of economic analysis	-	4	-	2, 10		Credit
	Total	9	68	6	-		
8 semester							
	Lectures	9	-	6	-		
6.1.	Fundamentals of economic analysis	1,5	-	1,5	2, 10		Testing
6.5.	Analysis and planning of work and salary indicators	1,5	-	1,5	2, 10		Testing
6.7.	Assortment and pricing policy of the pharmacy organization. Determining the need for medicines, medical devices and pharmaceutical products	1,5	-	1,5	2, 4, 10		Testing
7.1.	Staffing of a pharmacy organization	1,5	-	-	2, 8, 10		
7.3.	Labor discipline. Disciplinary responsibility of employees	1,5	-	-	2, 8, 10		
7.4.	Protection of consumer rights in the sphere of circulation of medicines, medical devices and other pharmaceutical products	1,5	-	1,5	3, 10		Testing
	Laboratory lessons	-	48	-	-		
6.	Fundamentals of Pharmacy organization Economics	-	24	-	-		
6.2.	Analysis and planning of pharmacy compounding	-	3	-	2, 10		

6.3.	Analysis and planning of pharmacy turnover	-	3	-	2, 10	Planning of economic indicators pharmacy activities (turnover, profit, recipes, profitability, turnover, costs appeals)	Solving situational problems	
6.4.	Analysis and rationing of inventory in the pharmacy and pharmacy warehouse	-	3	-	2, 7, 10			
6.5.	Analysis and planning of work and salary indicators	-	3	-	2, 10			
6.6.	Analysis and planning of sales costs, profits and profitability of pharmacies	-	3	-	2, 10			
6.7.	Assortment and pricing policy of the pharmacy organization. Determining the need for medicines, medical devices and pharmaceutical products	-	3	-	1, 4, 10	Formation of prices for medicines and medical products	Solving situational problems	
6.8.	Financial management in pharmacy. Development of a business plan for the development of a pharmacy organization	-	3	-	2, 10			
	Final lesson 6.1-6.8	-	3	-	-			Colloquium *
7.	Regulation of work relations and organization of work with the public in pharmacy organizations	-	24	-	-			
7.1.	Staffing of a pharmacy organization	-	3	-	2, 8, 10			
7.2.	Regulation of work relations in pharmacy organizations	-	3	-	2, 8, 10	Filling out a work book, procedure for completing an autobiography	Solving situational problems	Report on practical tasks
7.3.	Labor discipline. Disciplinary responsibility of employees	-	3	-	2, 8, 10			

7.4.	Occupational safety in pharmacy organizations	-	3	-	2, 8, 10		Solving situational problems	
7.5.	Protection of consumer rights in the sphere of circulation of medicines, medical devices and other pharmaceutical products	-	3	-	3, 10	Registration of a warranty card upon sale medical equipment	Solving situational problems	
7.6.	Organization of the pharmacy with appeals of citizens. Information technology and automation in the activities of pharmaceutical organizations	-	3	-	2, 3, 10	Algorithm of actions upon receipt of an appeal to book of comments and suggestions	Solving situational problems	
	Final lesson 7.1 -7.5	-	3	-	-			Colloquium *
	Final lesson 5.1 -7.5	-	3	-	-		Practical exercise report, situational problem solving	
	Total	9	48	6	-			Examination *
	Total hours per academic discipline	45	235	24	-			