Approved by
Rector of the Belarusian State
Medical University
Sergej Rubnikovich
_____ 2024
Registration № 7-07-0912-01/2425/mf

Educational Establishment
"BELARUSIAN STATE MEDICAL UNIVERSITY"

Educational Plan
2024-2025 academic years
Specialty 7-07-0912-01 Pharmacy (1-2 courses)
Specialty 1-79 01 08 Pharmacy (3-5 courses)
Medical Faculty for International Students
Type of training - on-site training

Qualification - Pharmacist
Training period - 5 years

КОНТРОЛЬНЫЙ ЭКЗЕМПЛЯР

I. Schedule of the educational process

II. Time schedule (in weeks)

COURSES	September				October				November				December				January				February				March					April				May				June					July				August				Theoretical training	Examinations	Practical sessions	Work experience practical training	Final academic assessment	Vacation	Total
	2	9	16	23	30/09	7	14	21	28/10	4	11	18	25/11	2	9	16	23	30/12	6	13	20	27/01	3	10	17	24/02	3	10	17	24	31/03	7	14	21	28/04	5	12	19	26/05	2	9	16	23	30/06	7	14	21	28/07	4	11	18							
	8	15	22	29	06/10	13	20	27	03/11	10	17	24	01/12	8	15	22	29	05/01	12	19	26	02/02	9	16	23	02/03	9	16	23	30	06/04	13	20	27	04/05	11	18	25	01/06	8	15	22	29	06/07	13	20	27	03/08	10	17	24							
I		19																		:	0	=	=		18																:	:	:	0	=	=	=	=	=	=	=	=	37	4	2			9	52
II		19																		:	:	=	=		18																:	:	=	=	=	=	=	=	=	=	37	4				11	52
III		17																:	:	=	=		17																:	:	:	:	0	X	X	=	=	=	=	=	=	34	6	1	2		9	52
IV	0	17																	0	:	:	=	=		16																:	:	X	X	=	=	=	=	=	=	=	=	33	4	2	2		11	52
V		20																			:	:	=	=	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	//	//	//	//								20	2		15	4	2	43
																																																							161	**20**	**5**	**19**	**4**	**42**	**251**

References: ☐ — Theoretical training; : — Examination; 0 — Practical session; X — Work experience practical training; :X — Practice assessment; = — Vacation; // — Final academic assessment

III. Educational Plan

№	Title of the course units, disciplines	Exams	Credit tests	Course work	Number of academic hours: Total hours	Class hours	Including: Lectures	Laboratory practicals	Skills building sessions	Workshops	Supervised self-study 2	Distribution by courses and semesters: I course, 1 semester, 19 weeks: Total hours	Class hours	Credits	I course, 2 semester, 18 weeks: Total hours	Class hours	Credits	II course, 3 semester, 19 weeks: Total hours	Class hours	Credits	II course, 4 semester, 18 weeks: Total hours	Class hours	Credits	III course, 5 semester, 17 weeks: Total hours	Class hours	Credits	III course, 6 semester, 17 weeks: Total hours	Class hours	Credits	IV course, 7 semester, 17 weeks: Total hours	Class hours	Credits	IV course, 8 semester, 16 weeks: Total hours	Class hours	Credits	V course, 9 semester, 20 weeks: Total hours	Class hours	Credits	V course, 10 semester			Всего зачетных единиц
												19			18			19			18			17			17			17			16			20			X			
1	**State component**				5044	2926	315	1575	868	54	114	995	595	27	810	485	23	955	545	27	796	441	23	448	250	12	385	221	11	340	200	9	315	189	9								141
1.1	**Module of Social and Humanitarian Disciplines**																																										
1.1.1	History of Belarusian Statehood		1		108	54	21			30	3	108	54	3																												3
1.1.2	Philosophy		3		108	54	21			24	9							108	54	3																						3
1.2	**Linguistic Module**																																									
1.2.1	Pharmaceutical Latin		1,2d		213	126			126			118	72	3	95	54	3																									6
1.2.2	Russian Language as Foreigh Language[4]	3	1,2d, 4d		852	586			586			240	180	6	180	136	5	252	162	7	180	108	5,0																			23
1.2.2	Russian Language as Foreigh Language[5]		6d		90	64			64															45	32		45	32	2,0													2
1.3	**Module "Information Technologies in Pharmacy"**																																									
1.3.1	Biomedical Statistics		2		90	40	9		28		3				90	40	3																									3
1.3.2	Informatics in Pharmacy		1		95	51	3		48			95	51	3																												3
1.4	**Natural Science Module**																																									
1.4.1	Biology	1			90	40	12	28				90	40	3																												3
1.4.2	Biomedical Physics	2	1		207	117	18	74	16		9	112	60	3	95	57	3																									6
1.4.3	Pharmaceutical Botany	3	2		230	135	18	111			6				120	66	3	110	69	3																						6
1.5	**Chemical Module**																																									
1.5.1	General and Inorganic Chemistry	2	1		232	138	21	108			9	112	66	3	120	72	3																									6
1.5.2	Physical and Colloid Chemistry	4	3		220	126	12	111			3							110	63	3	110	63	3																			6
1.5.3	Analytical Chemistry	4	3		408	215	21	185			9							210	110	6	198	105	6																			12
1.5.4	Organic Chemistry	4	3		363	186	18	162			6							165	87	5	198	99	6																			11
1.6	**Human Physiology Module**																																									
1.6.1	Human Anatomy and Physiology	2	1		230	132	18	105			9	120	72	3	110	60	3																									6
1.6.2	Biological Chemistry	5	4		205	132	18	105			9										110	66	3	95	66	3																6
1.6.3	Pathological Physiology	7	6		220	126	18	102			6																110	63	3	110	63	3										6
1.7	**Pharmacology and Pharmacotherapy Module**																																									
1.7.1	Pharmacology	7	5, 6		330	177	18	153			6													110	60	3	110	60	3	110	57	3										9
1.7.2.	Clinical Pharmacology, Pharmacological Therapy		8		110	69	15	48			6																						110	69	3							3
1.8	**Organization and Economics of Pharmacy Module**																																									
1.8.1	Organization and Economics of Pharmacy	6, 8	5, 7		533	298	45	235			18													198	92	6	120	66	3	120	80	3	95	60	3							15
1.8.2	Pharmaceutical Merchandising		8		110	60	9	48			3																						110	60	3							3
2.	***Component of Higher Educational Institutions***				**3102**	**1589**	**279**	**1026**	**155**	**24**	***105***	***72***	***36***	***2***	***200***	***102***	***6***	***180***	***86***	***6***	***200***	***103***	***6***	***593***	***347***	***18***	***606***	***306***	***16***	***616***	***326***	***18***	***635***	***277***	***19***							***91***
2.1	**Introduction to the Specialty Module**																																									
2.1.1	History of Pharmacy		1		72	36	9			24	3	72	36	2																												2
2.1.2	Psychology of Interpersonal Relationships		2		90	39	15		18		6				90	39	3																									3
2.2	**Communication Module**																																									
2.2.1	Biopharmaceutical Ethics and Communication	3	2		200	110	15		89		6				110	63	3	90	47	3																						6

№	Title of the course units, disciplines	Exams	Credit tests	Course work	Number of academic hours								Distribution by courses and semesters																														Всего зачетных единиц
							Including						I course						II course						III course						IV course						V course								
													1 semester, 19 weeks			2 semester, 18 weeks			3 semester, 19 weeks			4 semester, 18 weeks			5 semester, 17 weeks			6 semester, 17 weeks			7 semester, 17 weeks			8 semester, 16 weeks			9 semester, 20 weeks			10 semester			
													0			0			0			0			0			0			0			16			0			X			
					Total hours	Class hours	Lectures	Laboratory practicals	Skills building sessions	Workshops	Supervised self-study 2		Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits	Total hours	Class hours	Credits				
2.3	**Microbiology, Virology, Immunology Module**																																										
2.3.1	Microbiology, Virology, Immunology	5	4		200	103	12	88			3											110	63	3	90	40	3																6
2.4	**Pharmaceutical Hygiene and Ecology Module**																																										
2.4.1	Pharmaceutical Hygiene [6]		4		90	40	3	34			3											90	40	3																			3
2.4.2	Pharmaceutical Hygiene [7]		5		90	40	3	34			3														90	40	3																	3
2.5	**Pharmaceutical Technology Module**																																										
2.5.1	Pharmacy Technology of Drugs	6	5		318	172	27	136			9														198	98	6	120	74	3														9
2.5.2	Pharmaceutical Biotechnology	6			120	72	15	51			6																	120	72	3														3
2.5.3.	Industrial Technology of Drugs	8	7		335	180	33	132			15																				170	95	5	165	85	5								10
2.6	**Pharmaceutical Chemistry and Pharmacognosy Module**																																										
2.6.1	Pharmacognosy	6	5		330	185	24	152			9														120	97	3	210	88	6														9
2.6.2	Pharmaceutical Chemistry	6, 8	5, 7		533	321	63	234			24														95	72	3	120	72	3	120	89	3	198	88	6								15
2.6.3	Toxicological Chemistry		8		110	60	9	48			3																							110	60	3								3
2.7	**Module «First Aid»**																																										
2.7.1	First aid		7		90	40	3	34			3																				90	40	3										3
2.7.2	Disaster Medicine		7,8d		200	107	18	83			6																				110	63	3	90	44	3								6
2.8	**Research Module**																																										
2.8.1	Course work on the discipline "Pharmacognosy"			6	36																							36		1												1
2.8.2	Course work in discipline "Pharmaceutical Chemistry"			7	36																										36		1										1
2.8.3	Course work in discipline "Organization and economics of pharmacy"			8	36																													36		1								1
2.8.4	Course work in discipline "Industrial Technology of Drugs"			8	36																													36		1								1
2.9	**Module "Elective disciplines"**																																										
2.9.1	Chromatographic methods of analysis		3		90	42	15		24		3								90	39	3																							3
2.9.2	Phytotherapy/ Chromatographic analysis methods		7		90	42	15		24		3																				90	39	3										3
3	**Unit of general professional and special disciplines**				1188	666	93	504	30		39																										1188	666	32						31,5
	State component				1188	666	93	504	30		39																										1188	666	32						31,5
3.1	Organization and Economics of Pharmacy		9		112	63	9	54																													112	63	3						3
3.2	Course work in discipline "Organization and economics of pharmacy"			9	40																															40		1						1
3.3	Clinical Pharmacology, Pharmacological Therapy	9			152	79	6	70			3																										152	79	4						4
3.4	Toxicological Chemistry	9			150	75	9	60			6																										150	75	4						4
3.5	Medical and pharmaceutical merchandising	9			156	81	9	72																													156	81	4						4
3.6	Pharmaceutical Development with the Fundamentals of Biopharmaceutics		9		88	57	6	48			3																										88	57	2,5						2,5
3.7	Pharmaceutical Ecology		9		72	45	12	27			6																										72	45	2						2
3.8	Pharmaco-epidemiology		9		60	39	6	30			3																										60	39	1,5						1,5
3.9	Standardization of Drugs		9		112	75	12	57			6																										112	75	3						3
3.10	Management of Pharmacy		9		114	66	12	48			6																										114	66	3						3

Continuation of the Curriculum for the specialty Pharmacy (MFIS) for the 2024-2025 academic years. Registration № 7-07-0912-01/2425/mf

№	Title of the course units, disciplines	Exams	Credit tests	Course work	Number of academic hours: Total hours	Class hours	Including: Lectures	Laboratory practicals	Skills building sessions	Workshops	Supervised self-study 2	Distribution by courses and semesters: I course, 1 semester, 19 weeks, 19 — Total hours	Class hours	Credits	I course, 2 semester, 18 weeks, 18 — Total hours	Class hours	Credits	II course, 3 semester, 19 weeks, 19 — Total hours	Class hours	Credits	II course, 4 semester, 18 weeks, 18 — Total hours	Class hours	Credits	III course, 5 semester, 17 weeks, 17 — Total hours	Class hours	Credits	III course, 6 semester, 17 weeks, 17 — Total hours	Class hours	Credits	IV course, 7 semester, 17 weeks, 17 — Total hours	Class hours	Credits	IV course, 8 semester, 16 weeks, 16 — Total hours	Class hours	Credits	V course, 9 semester, 20 weeks, 20 — Total hours	Class hours	Credits	V course, 10 semester, X —			Всего зачетных единиц
3.11	Pharmaceutical Care		9		72	47	6	38			3																																	2
3.12	Psychology of Professional Communication. Conflictology		9		60	39	6		30		3																												72	47	2				1,5
4	**Additional courses**																																				60	39	1,5				
4.2	Physical Education				/272	/272			/272			/34	/34		/34	34		/36	/36		/34	/34		/34	/34		/34	/34		/34	/34		/32	/32								
Total number of class hours					9334	5181	687	3105	1053	35	258	1067	631	29	1010	587	29	1135	631	33	996	544	29	1041	597	30	991	527	27	956	526	27,0	950	466	28,0	1188	666	32				263,5
Total number of classes												33			33			33			30			35			31			31			29			33						
Total number of academic hours per week												50,8			48,1			54,0			49,8			54,8			47,2			50,3			52,8			51,7						
Course works				5																							1			1			2			1						
Exams		25										1			3			3			3			2			5			2			3			3						
Credit tests			50									8			6			5			4			6			3			6			4			8						

IV. Practical sessions

Name of practical sessions	Semester	Weeks	Credits
1. Pharmaceutical Propaedeutic Practice	1	1	2
2. Botanical Practice	2	1	1
3. Pharmacognostic Practice	6, 7	2	3
4. Medical	7	1	1

V. Work experience practical training

Name of the practical course	Semester	Weeks	Credits
1. Pharmacy Technological Practice	6	2	3
2. Analytical Laboratory Practice	8	2	3
	10	2	3
3. Pharmacological Practice	10	4	6
4. Pharmaceutical Organizational and Managerial Practice	10	7	10,5
5. Industrial Technological Practice	10	2	3

VI. Final academic assessment

State exam:	Semester	Weeks	Credits
1. Pharmaceutical Chemistry and Pharmacognosy 2. Pharmaceutical and industrial technology of medicinal products 3. Organization and Economics of Pharmacy	10	4	6

Elaborated on the basis of standard educational curricilum. Registration № 7-07-09-007/пр. dated 30.01.2023 (1-2 courses).
Elaborated on the basis of standard educational curricilum. Registration № L 79-1-007/пр-тип. dated 19.05.2021 (3-4 courses).
Elaborated on the basis of standard educational curricilum. Registration № L 79-1-023/тип. dated 08.08.2017 (5 courses).

[1] It is allowed to combine practical sessions with theoretical training.

[2] Supervised self-study of students is up to 30% of the total classroom hours of lectures.

[3] The list of additional courses and electives is established by the order of the Rector.

d - differentiated credit tests

[4] In the 1 st and 2nd year, the academic discipline is studied according to the curricilum guidelines No 7-07-09-007/пр. dated 30.01.2023

[5] In the 3rd year academic discipline is studied according to the standard curricilum No L 79-1-007/пр-тип. dated 19.05.2021

[6] In the 2 st year, the academic discipline is studied according to the curricilum guidelines No 7-07-09-007/пр. dated 30.01.2023

[7] In the 3rd year academic discipline is studied according to the standard curricilum No L 79-1-007/пр-тип. dated 19.05.2021

Vice Rector for Academic Affairs — Yuri Sokolov
15. 05. 2024

Dean of the Medical Faculty for International Students — Oleg Ishutin
15. 05. 2024

Head of Educational Department — Tatiana Morenova
15. 05. 2024

It's recommended for approval by the Scientific and Methodical Council Protocol № 17 dated 15.05.2024