APPROVED by
the Rector of Belarusian
State Medical University

Anatol Sikorski

30.03.2017

Registration № L 79-1-023/ep/fl

Educational Establishment
«BELARUSIAN STATE MEDICAL UNIVERSITY»

Qualification - Pharmacist
The term of training - 5 years

Educational Plan

Контрольный экземпляр

Specialty 1-79 01 08 Pharmacy
Medical Faculty for Foreign Students
Type of training - on-site training

I. Schedule of 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	On-the-job practical training	Final academic assessment	Vacation	Total
	1-7	8-14	15-21	22-28	29.09-05.10	6-12	13-19	20-26	27.10-02.11	3-9	10-16	17-23	24-30	1-7	8-14	15-21	22-28	29.12-04.01	5-11	12-18	19-25	26.01-01.02	2-8	9-15	16-22	23.02-01.03	2-8	9-15	16-22	23-29	30.03-05.04	6-12	13-19	20-26	27.04-03.05	4-10	11-17	18-24	25-31	1-7	8-14	15-21	22-28	29.06-05.07	6-12	13-19	20-26	27.07-02.08	3-9	10-16	17-23	24-31							
I										0											:	=	=																				:	:	0	=	=	=	=	=	=	=	=	37	3	2			10	52[1]
II																				:	=	=																				:	:	:	0	0	=	=	=	=	=	=	38	4	2			8	52
III	0																				:	=	=																	:	:	:	:	0	X	X	=	=	=	=	=	=	35	5	2	2		8	52[1]
IV																		:	:	=	=																			:	:	:	X	X	=	=	=	=	=	=	=	=	35	5		2		10	52
V																					:	:	=	=	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	//	//	//	//										20	2		15	4	2	43
																																																						165	19	6	19	4	38	251

References: ☐ — Theoretical training; : — Examinations; 0 — Practical Training; X — On-the-job practical training; = — Vocation; // — Final academic assessment

III. Educational Plan

№	Title of the course units, unit, disciplines, corse works (projects)	Exams	Credit tests	Academic hours						Distribution by courses and semesters																											Total number of credits
						Including				I course						II course						II course						IV course						V курс			
				Total	Class hours	Lectures	laboratory practicals	Skills building sessions	Work shops	1 semester, 19 weeks			2 semester, 18 weeks			3 semester, 19 weeks			4 semester, 19 weeks			5 semester, 19 weeks			6 semester, 16 weeks			7 semester, 17 weeks			8 semester, 18 weeks			9 semester, 20 weeks			
										Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	
1.	**Cycle of Social and Humanitarian Disciplines**			**1204**	**692**	**58**		**584**	**50**																												
	State component			**224**	**108**	**58**			**50**																												
1.1.	**Philosophy**		**3**	**152**	**74**	**40**			**34**																												
1.1.1.	Philosophy		3	84	40	22			18							84	40	2,0																			2,0
1.1.2.	Fundamentals of Psychology and Pedagogy		3	68	34	18			16							68	34	2,0																			2,0
1.2.	**History**		**1**	**72**	**34**	**18**			**16**																												
1.2.1.	History of Belarus (in the context of the world civilizations)		1	72	34	18			16	72	34	2,0																									2,0
	Component of higher educational institutions			**980**	**584**			**584**																													
1.3.	Russian as a foreign language		1,2d, 3,4d, 5d	980	584			584		288	190	7,0	252	144	6,5	194	108	5,5	194	108	5,5	52	34	1,5													26,0
2.	**Cycle of natural sciences**			**1597**	**813**	**224**	**524**	**65**																													
	State component			**1497**	**761**	**220**	**524**	**17**																													
2.1	Fundamentals of Medical Statistics		1	60	38	10	28			60	38	1,5																									1,5
2.2	Biology	1		152	56	18	38			152	56	4,0																									4,0
2.3	General and Inorganic Chemistry	2	1	306	161	56	105			144	92	4,0	162	69	4,5																						8,5
2.4	Biological Physics	2	1	259	116	28	71	17		126	72	3,5	133	44	3,5																						7,0
2.5	Organic Chemistry	4	3	440	248	68	180									200	124	5,0	240	124	6,0																11,0
2.6	Biological Chemistry	6	5	280	142	40	102															120	74	3,0	160	68	4,0										7,0
	Component of higher educational institutions			**100**	**52**	**4**		**48**																													
2.7	Medical Informatics		2	100	52	4		48					100	52	2,5																						2,5
3.	**Cycle of general and special disciplines**			**7065**	**3860**	**933**	**2738**	**165**	**24**																												
	State Component			**6934**	**3782**	**907**	**2686**	**165**	**24**																												
3.1	Human Anatomy and Physiology	2	1	313	149	38	111			133	77	3,5	180	72	5,0																						8,5
3.2	Pharmaceutical Latin		1,2d	172	93			93		100	57	2,5	72	36	2,0																						4,5
3.3	History of Pharmacy		2	72	62	14	24		24				72	38	2,0																						2,0
3.4	Pharmaceutical Botany	3	2	248	136	34	102						108	72	3,0	140	64	3,5																			6,5
3.5	Analytical Chemistry	4	3	440	248	68	180									200	124	5,0	240	124	6,0																11,0
3.6	Physical and Colloid Chemistry	4	3	274	146	38	108									114	72	3,0	160	74	4,0																7,0
3.7	Extreme Medicine		3d	60	40	10	30									60	40	1,5																			1,5
Numer of hours of learnig sessions				**9866**	**5365**	**1215**	**3262**	**814**	**74**	**1075**	**616**	**28,0**	**1079**	**527**	**29,0**	**1060**	**606**	**27,5**	**1151**	**622**	**29,5**	**1079**	**659**	**28,5**	**1080**	**518**	**27,0**	**1020**	**532**	**26,5**	**1134**	**601**	**30,5**	**1188**	**660**	**31,5**	**258,0**
Numer of hours of learnig sessions per week										32			29			32			33			35			32			31			33			33			
Course works				4																					1			1			1			1			
Number of exams				23						1			3			1			3			1			5			2			4			3			
Number of credits				52						7			6			6			5			7			2			5			6			8			

IV. Practical training[1]

Practical training	Semester	Weeks	Credits
1. Pharmaceutical Propaedeutic practice	1	1	1,5
2. Botanical practice	2	1	1,5
3. Medical	4	2	3
4. Pharmacognostic practice	5	1	1,5
	6	1	1,5

V. On-the-job practical training

Practical training	Semester	Weeks	Credits
1.Pharmacy Technological Practice	6	2	3
2. Pharmaceutical Organizational and Managerial Practice	8	2	3
	10	7	10,5
3. Pharmacological Practice	10	4	6
4. Analytical Laboratory Practice	10	2	3
5. Industrial Organizational Practice	10	2	3

VI. Final academic assessment

State Exams	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

№	Title of the course units, unit, disciplines, corse works (projects)	Exams	Credit tests	Academic hours						Distribution by courses and semesters																											Total number of credits
				Total	Class hours	Including				I course						II course				II course						IV course						V курс						
										1 semester, 19 weeks			2 semester, 18 weeks			3 semester, 19 weeks			4 semester, 19 weeks			5 semester, 19 weeks			6 semester, 16 weeks			7 semester, 17 weeks			8 semester, 18 weeks			9 semester, 20 weeks			
						Lectures	laboratory practicals	Skills building sessions	Work shops	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	Total	Class hours	Credits	
3.8	First Aid		4	80	42			42											80	42	2,0																2,0
3.9	Microbiology	5	4	220	120	34	86												100	63	2,5	120	57	3,0													5,5
3.10	Pharmaceutical Hygiene		4	80	53	10	43												80	53	2,0																2,0
3.11	Pharmacognosy	6	5	362	180	44	136															162	96	4,5	200	84	5,0										9,5
	Course work in discipline "Pharmacognosy"			40																					40		1,0										1,0
3.12	Pharmacy technology of drugs	6	5	360	190	50	140															160	110	4,0	200	80	5,0										9,0
3.13	Pharmacology	7	5,6	427	256	74	182															133	80	3,5	114	86	3,0	180	90	4,5							11,0
3.14	Pharmaceutical Chemistry	6,8	5,7	606	351	130	221															148	95	4,0	146	78	3,5	140	92	3,5	172	86	4,5				15,5
	Course work in discipline "Pharmaceutical Chemistry"			40																								40		1,0							1,0
3.15	Organization and Economics of Pharmacy	6,8	5,7,9	662	359	49	310															144	87	4,0	120	65	3,0	130	69	3,5	156	76	4,0	112	62	3,0	17,5
	Course work in discipline "Organization and economics of pharmacy"			40																														40		1,0	1,0
3.16	Pathological Physiology	7	6	262	130	18	112																		100	57	2,5	162	73	4,5							7,0
3.17	Management and economics of pharmaceutical enterprises		7	126	66	18	48																					126	66	3,5							3,5
3.18	Industrial technology of drugs	8	7	340	184	66	118																					162	96	4,0	178	88	4,5				8,5
	Course work in discipline "Industrial technology of drugs"			40																											40		1,0				1,0
3.19	Clinical Pharmacology, Pharmacological Therapy	9	7,8	344	186	36	150																					80	46	2,0	112	68	3,0	152	72	4,0	9,0
3.20	Pharmaceutical Biotechnology	8		114	50	14	36																								114	50	3,0				3,0
3.21	Fundamentals of Pharmacoeconomics		8	52	34	8	26																								52	34	1,5				1,5
3.22	Toxicological Chemistry	9	8	268	152	38	114																								118	74	3,5	150	78	4,0	7,5
3.23	Medical and Pharmaceutical Merchandising	9	8	262	150	16	134																								106	70	3,0	156	80	4,0	7,0
3.24	Pharmaceutical Development with the Fundamentals of Biopharmaceutics		8,9	140	93	18	75																								52	37	1,5	88	56	2,5	4,0
3.25	Pharmaceutical Ecology		9	72	45	18	27																											72	45	2,0	2,0
3.26	Pharmacoepidemiology		9	60	40	10	30																											60	40	1,5	1,5
3.27	Standardization of Drugs		9	112	71	14	57																											112	71	3,0	3,0
3.28	Management of Pharmacy		9	114	66	18	48																											114	66	3,0	3,0
3.29	Pharmaceutical Care		9	72	50	12	38																											72	50	2,0	2,0
3.30	Psychology of Professional Communication. Conflictology		9	60	40	10		30																										60	40	1,5	1,5
	Component of higher educational institutions			**131**	**78**	**26**	**52**																														
3.31	Chromatographic Methods of Analysis		4	57	34	16	18												57	34	1,5																1,5
3.32	Electives[2]		5	40	26	10	16															40	26	1,0													1,0
3.33	Electives[2]		8	34	18		18																								34	18	1,0				1,0
4.	**Additional Courses[2]**		/1-8	**294**	**196**	**12**		**184**																													

Elaborated on the basis of standard educational curricilum 1-79 01 01-2013, educational plan, registration № L 79-1-023/тип. dated 08.08.2017

Примечания: 1. It is allowed to combine practical sessions with theoretical training.
2. The list of additional courses and electives is approved by the Order of higher educational institution.
d - differentiated credit tests

First Vice-Rector Sergey Gubkin
30.08. 2017

Dean of the Medical Faculty for International Students Uladzimir Davydau
30.08. 2017

Head of Education Department Natallia Fomchenko
30.08. 2017

It's recommended for approval by the University Council Protocol dated 30.08.2017 № 7