

“Approve”
 Rector  prof. Moroz V.M.
 “ 29 ” 08 2019
 Seal
 VNMU Academic Council Protocol
 № 1 on 29.08.2019

Ministry of Health Care
 (title of central organ of executive power)

National Pirogov Memorial Medical University, Vinnytsya
 (full title of higher educational establishment)

SYLLABUS
(FOR FOREIGN STUDENTS)

Qualification doctor
 (title)
 Term of Study 5 years
 (years and months)
 on the base Master
 (degree)

Training according to the branch **22 Health Care**
 (code and title of the branch)
 Specialty **226 Pharmacy, Industrial Pharmacy**
 (code and title of the specialty)
 Form of Study **daytime**
 (daytime, evening, correspondence (remote), externship)

I. SCHEDULE OF EDUCATIONAL PROCESS

Year	September				October				November				December				January				February				March				April				May				June				July				August								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	
1	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	K	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	П	К	К	К	К	К	К	К	К	К	К	К		
2	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	K	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	К	К	К	К	К	К	К	К	К	К	К	К	
3	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	К	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	М	К	К	К	К	К	К	К	К	К	К	К	К	
4	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	К	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	К	П	П	П	К	К	К	К	К	К	К	К	К
5	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	C	C	К	T	T	T	T	T	T	T	T	T	T	T	T	T	T	П	П	П	М	Д	Д	Д	Д	Е	Е	Е	Е	Е	Е	Е	Е	Е	

DEFINITIONS: T – theoretical study; C – examination session; П – practice; К – holidays; ДЕ – state examinations;

6	Biology with Basics of Genetics		1дз		4	120	70	20		50	50	4								
7	Higher mathematics and Statistics		2дз		3.5	105	70	10		60	35	1.5	2							
8	Latin Language		2дз		3	90	60	0		60	30	1.5	1.5							
9	General and Inorganic Chemistry	2			6	180	110	20		90	70	3	3							
10	Information Technologies in Pharmacy		3дз		5	150	70	10		60	80		2	3						
11	Analytical Chemistry	4			8	240	150	30		120	90			4	4					
12	Organic Chemistry	4			8	240	150	30		120	90			4	4					
13	Pathologic Physiology	6			5	150	80	20		60	70					2.5	2.5			
14	Pharmaceutical Botany		4дз		5	150	80	20		60	70			2.5	2.5					
15	Microbiology with Basics of Immunology		5дз		5	150	90	20		70	60				2.5	2.5				
16	Biologic Chemistry	4			6	180	100	40		60	80			3	3					
17	Computer Modelling in Pharmacy		6дз		3	90	40	6		34	50							3		
18	Fundamentals of Bioethics and Biosafety		2		1	30	20	10		10	10		1							
	<i>Elective Courses:</i>																			
19	Jurisprudence		1		3	90	30	10		20	60	3								
20	Economic Theory		3		2	60	22	2		20	38			2						
21	Logic, Formal Logic.		3		2	60	20	10		10	40			2						
22	Sociology and Medical Sociology		2		3	90	30	10		20	60		3							
Total						110	3300	1884	358	0	1526	1416								

1.2. Cycle of professional preparation

23	Life Safety, Fundamentals of Labor Protection		3		3	90	30	10		20	60		3							
24	Introduction to Pharmacy		2дз		3	90	60	20		40	30		3							
25	Hygiene in Pharmacy and Ecology		4дз		3	90	40	20		20	50			3						
26	Emergency Medicine		5дз		3	90	30	10		20	60				3					
27	Ethics and Deontology in Pharmacy		5дз		3	90	40	10		30	50				3					
28	Pharmacognosy	7			9	270	170	40		130	100				4.5	4.5				
29	Organization and Economics of Pharmacy	7			6	180	100	30		70	80						6			
30	Pharmacology	8			9	270	170	30		140	100				4.5	4.5				
31	Pharmaceutical Chemistry	9	8дз		14	420	250	50		200	170				2.5	1.5	10			
32	Physical and Colloid Chemistry	7			4	120	90	20		70	30					2	2			
33	Drug Technology	6			9	270	150	20		130	120					4.5	4.5			

34	Pharmacoeconomics		7дз		3	90	30	6		24	60					3			
35	Pharmacotherapy with Pharmacokinetics		7дз		3	90	40	10		30	50					3			
36	Civil Defense		5		0.5	15	8	0		8	7			0.5					
37	Clinical Pharmacy and Pharmaceutical Care	9			9	270	150	50		100	120					3	3	3	
38	Pharmaceutical and Medical Commodity		9дз		4	120	50	10		40	70						2	2	
39	Pharmaceutical Marketing and Management	9			9	270	150	30		120	120						4.5	4.5	
40	Toxicologic and Forensic Chemistry	9			6	180	100	30		70	80						3	3	
41	Biopharmacy		9дз		3	90	50	10		40	40							3	
42	Pharmaceutical Quality System		9дз		3	90	50	20		30	40							3	
43	Labour Protection and Labour Protection in Pharmacy		9		3	90	40	10		30	50							3	
44	Pharmaceutical Biotechnology		9дз		3	90	50	20		30	40							3	
45	Medicinal Plants Resource Studies		9дз		3	90	50	10		40	40							3	
46	Drug Standartization		10дз		3	90	50	10		40	40								3
47	Social Pharmacy		10дз		3	90	40	10		30	50								3
48	Medicinal Cosmetic Technology		10дз		3	90	60	20		40	30								3
49	Pharmaceutical Law and Legislation		10		3	90	50	20		30	40								3
Practices:																			
50	Introductory Medical Practice (educative)		3дз		2	60	45	0		45	15		2						
51	Educational Practice in Pharmacognosy		6дз		3	90	60	0		60	30			3					
52	Educational Practical Training in Industrial Drug Technology		8дз		1.5	45	30	0		30	15							1.5	
53	Practical Training in Pharmaceutical Drug Technology		8дз		4.5	135	90	0		90	45					2	2.5		
54	Practical Training in Pharmaceutical Chemistry		10дз		4.5	135	90	0		90	45							3	1.5
55	Practice in Marketing and Management in Pharmacy		10дз		3	90	60	0		60	30							1.5	1.5
56	Propedeutic Practical Training in Pharmaceutical Drug Technology		6дз		2	60	30	0		30	30			2					

82	Technology of Manufacturing Medicine in Field Conditions and Organization of Pharmaceutical Provision of Population in Emergency Situations	10		2	60	40	10		30	20									2	
83	Theoretical Bases of Synthesis	4		2	60	42	6		36	18			2							
84	Physic and Chemical Analysis in Drug Creation	6		1.5	45	36	0		36	9				1.5						
Total																				
Total amount																				
Number of credits per semester																				
Number of examinations																				
Number of credits																				
Number of differential credits																				
Number of course projects																				
Number of course works																				

Head of Academic Departmenty _____



(signature)

prof. Fomina L.V.

(name)