

## List of courses

	Course code	Course title	Sem.	Lectures	Practical	Praxis	ECTS
1	Φ107	<b>Introduction to Pharmacy</b>	I	15	0		1
2	Φ101	<b>Biology and Human Genetics</b>	I	45	30		5
3	Φ102	<b>Human Functional Morphology</b>	I	45	30		5
4	Φ103	<b>General and Inorganic Chemistry</b>	I	60	30		5
5	Φ106	<b>Organic Chemistry 1</b>	I	60	0		5
6	Φ104	<b>Physics</b>	I	30	15		3
7	Φ105	<b>Mathematics</b>	I	30	30		4
8		<b><i>Elective courses 1 (1/2)</i></b>	I				2
	Φ1И2	Practicum in Organic Chemistry	I	0	30		
	Φ1И1	Introduction to Laboratory Work	I	0	30		
9	Φ1010	<b>Organic Chemistry 2</b>	II	60	45		7
10	Φ1011	<b>Physical Chemistry</b>	II	45	15		5
11	Φ108	<b>Physiology 1</b>	II	45	30		5
12	Φ1012	<b>Botany</b>	II	45	45		6
13	Φ109	<b>Analytical Chemistry 1</b>	II	30	30		4
14		<b><i>Elective courses 2 (1/2)</i></b>	II				3
	Φ1И3	Foreign Language in Pharmacy (English or French)	II	30	0		
	Φ1И4	Application of Information Technology in Pharmacy	II	30	0		
15	Φ201	<b>Physiology 2</b>	III	45	15		5
16	Φ204	<b>Immunology</b>	III	30	30		5
17	Φ203	<b>Instrumental Methods</b>	III	45	45		6
18	Φ206	<b>Pharmaceutical Chemistry 1</b>	III	45	30		5
19	Φ202	<b>Analytical Chemistry 2</b>	III	45	45		5
20	Φ205	<b>General Biochemistry</b>	III	45	15		6
21	Φ207	<b>Pharmacology 1</b>	IV	30	15		4
22	Φ2010	<b>Pharmaceutical Chemistry 2</b>	IV	45	60		8
23	Φ208	<b>Pathophysiology 1</b>	IV	30	30		5
24	Φ209	<b>Microbiology</b>	IV	60	30		6
25		<b><i>Elective courses 3 (1/3)</i></b>	IV				2
	Φ2И4	Selected Chapters of Analytical Chemistry	IV	15	15		
	Φ2И5	Selected Chapters in General Biochemistry	IV	15	15		
	Φ2И6	Solution Chemistry	IV	15	15		
26		<b><i>Elective courses 4 (1/3)</i></b>	IV				3
	Φ2И3	Basic of Molecular Genetics	IV	30	15		
	Φ2И2	Colloid Chemistry	IV	30	15		
	Φ2И1	Selected Topics in Physiology	IV	30	15		
27	Φ301	<b>Pharmacology 2</b>	V	45	30		6
28	Φ302	<b>Pathophysiology 2</b>	V	30	30		5

	Course code	Course title	Sem.	Lectures	Practical	Praxis	ECTS
29	Φ303	<b>Bromatology</b>	<b>V</b>	45	30		4
30	Φ305	<b>Pharmaceutical Chemistry 3</b>	<b>V</b>	60	60		8
31	Φ306	<b>Statistics in Pharmacy</b>	<b>V</b>	30	15		3
32	Φ307	<b>Pharmacognosy</b>	<b>V</b>	30	30		4
33	Φ308	<b>Pharmacology 3</b>	<b>VI</b>	45	15		5
34	Φ304	<b>Medical Biochemistry</b>	<b>VI</b>	60	45		7
35	Φ309	<b>Pharmaceutical Technology 1</b>	<b>VI</b>	45	105		9
	Φ307	<b>Pharmacognosy</b>	<b>VI</b>	45	30		5
36		<b><i>Elective courses 5 (1/2)</i></b>	<b>VI</b>				2
	Φ3И1	Bromatology Practicum	<b>VI</b>	0	30		
	Φ3И2	Practicum in Pharmacognosy	<b>VI</b>	0	30		
37		<b><i>Elective courses 6 (1/4)</i></b>	<b>VI</b>				2
	Φ3И3	Selected Topics in Microbiology	<b>VI</b>	15	15		
	Φ3И4	Medical Terminology	<b>VI</b>	15	15		
	Φ3И5	Medicinal Plants and Environment	<b>VI</b>	15	15		
	Φ3И6	Foreign Language in Academic and Professional Communication (English or French)	<b>VI</b>	15	15		
38	Φ403	<b>Pharmacotherapy</b>	<b>VII</b>	30	30		5
39	Φ401	<b>Pharmacokinetics</b>	<b>VII</b>	45	45		6
40	Φ404	<b>Pharmaceutical Technology 2</b>	<b>VII</b>	45	45		5
41	Φ402	<b>Toxicology</b>	<b>VII</b>	60	45		7
42	Φ405	<b>Phytotherapy</b>	<b>VII</b>	30	30		4
43		<b><i>Elective courses 7 (1/3)</i></b>	<b>VII</b>				4
	Φ4И1	Selected Chapters of Pharmaceutical Chemistry	<b>VII</b>	30	15		
	Φ4И2	Laboratory Diagnosis of Metabolic Disorders	<b>VII</b>	30	15		
	Φ4И3	Psychoactive Substances of Abuse	<b>VII</b>	30	15		
	Φ403	<b>Pharmacotherapy</b>	<b>VIII</b>	15	30		4
44	Φ407	<b>Dietetics</b>	<b>VIII</b>	30	30		4
45	Φ406	<b>Pharmaceutical Technology 3</b>	<b>VIII</b>	45	60		6
46	Φ408	<b>Pharmaceutical Legislation and Ethics</b>	<b>VIII</b>	30	15		3
47-49		<b><i>Elective courses 8 (3/6)</i></b>	<b>VIII</b>				3×4=12
	Φ4И5	Selected Chapters in Clinical Pharmacokinetics	<b>VIII</b>	30	15		
	Φ4И6	Veterinary Medicines	<b>VIII</b>	30	15		
	Φ4И7	Drug Design and Synthesis	<b>VIII</b>	30	15		
	Φ4И8	Human Health Risk Assessment	<b>VIII</b>	30	15		
	Φ4И4	Ecotoxicology	<b>VIII</b>	30	15		
	Φ4И9	Pharmacy in Sports	<b>VIII</b>	30	15		
50	Φ501	<b>Clinical Pharmacy</b>	<b>IX</b>	45	60		6
51	Φ502	<b>Industrial Pharmacy</b>	<b>IX</b>	45	45		5
52	Φ503	<b>Drug Analysis</b>	<b>IX</b>	60	60		6

	Course code	Course title	Sem.	Lectures	Practical	Praxis	ECTS
53	Φ504	<b>Cosmetology</b>	<b>IX</b>	30	30		4
54	Φ505	<b>Basics of Pharmaceutical Management</b>	<b>IX</b>	15	15		2
55		<b><i>Elective courses 9 (1/3)</i></b>	<b>IX</b>				3
	Φ5И1	Pharmaceutical Marketing	<b>IX</b>	30	15		
	Φ5И2	Medicines Supply Management	<b>IX</b>	30	15		
	Φ5И3	Pharmacoepidemiology and Pharmacoconomics	<b>IX</b>	30	15		
56	Φ506	<b>Pharmaceutical Practice</b>	<b>X</b>	30	30		3
57-58		<b><i>Elective courses 10 (2/4)</i></b>	<b>X</b>				2×4=8
	Φ5И4	Introduction to Pharmaceutical Biotechnology	<b>X</b>	30	15		
	Φ5И5	Acute Drug Poisoning	<b>X</b>	30	15		
	Φ5И6	Regulatory Affairs in Drug Quality Control	<b>X</b>	30	15		
	Φ5И7	Novel Drug Delivery Systems	<b>X</b>	30	15		
59		<b><i>Elective courses 11 (1/2)</i></b>	<b>X</b>	30	15		3
	Φ5И8	<b>Medical Devices</b>	<b>X</b>	30	15		
	Φ5И9	<b>Experimental Design in Manufacture and Quality Control</b>	<b>X</b>	30	15		
	ΦСП	<b>Professional Practice Training</b>	<b>X</b>			<b>300</b>	10
	ΦЗР	<b>Final work</b>	<b>X</b>				10