COURSE DESCRIPTOR

№	Topic	Total, hours	Lectures, hours	Workshops (seminars), hours	Labs, hours	Self-study of the material, hours	Individual tasks, hours
full-time course form of study							
Module 1. Medical prescription							
1	Introduction in medical prescription.Solid Medicinal Forms	3	0	2	0	1	0
2	Soft Medicinal Forms	4	0	2	0	2	0
3	Liquid Medicinal Forms	5	0	2	0	3	0
4	Control of practical skills to medical prescription.	6	0	2	0	4	0
Module 2. General pharmacology. Drugs influencing peripheral nervous system							
1	General pharmacology. Drug pharmacokinetics and pharmacodynamics. Drugs influencing afferent innervation	6	2	2	0	2	0
2	Drugs influencing efferent innervation. Cholinergic drugs. M- and N-Cholinomimetics. Cholinesterase Inhibitors. M-Cholinomimetic drugs. N-Cholinomimetic drugs	6	2	2	0	2	0
3	Drugs affecting cholinergic synapses. M-cholinoblocking drugs (Muscarinic antagonists). N-Cholinoblocking Drugs	4	0	2	0	2	0
4	Drugs affecting adrenergic synapses. Adrenergic agonists.	6	2	2	0	2	0
5	Adrenergic antagonists. Sympatholytics. Dopamine antagonists. Histaminergic agents.Serotonin agonists and antagonists	4	0	2	0	2	0
6	Test control of module 2. Theoretical part	6	0	2	0	4	0
Module 3. Drugs influencing central nervous system							
1	General Anaesthetics. Hypnotic drugs. Antiepileptic and antiparkinsonic drugs. Pharmacology of ethyl alcohol	4	0	2	0	2	0
2	Pharmacology of opioids and non-opioids analgesics	4	0	2	0	2	0
3	Psychotropic drugs: neuroleptics (antipsychotic drugs), tranquilizers (anxiolytics), sedative drugs, lithium salts	6	2	2	0	2	0

№	Topic	Total, hours	Lectures, hours	Workshops (seminars), hours	Labs, hours	Self-study of the material, hours	Individual tasks, hours
4	Psychotropic drugs: psychostimulants, analeptics, nootropic drugs, antidepressants, adaptogens, psychodisleptics	4	0	2	0	2	0
5	Test control of module 2 and 3. Step-1, presciptions	4	0	2	0	2	0
6	Test control of module 2. Theoretical part	6	0	2	0	4	0
Module 4. Drugs influencing inner organs and metabolism							
1	Drugs influencing respiratory system	3	0	2	0	1	0
2	Drugs influencing digestive system, part 1	3	0	2	0	1	0
3	Drugs influencing digestive system, part 2	2	0	2	0	0	0
4	Diuretic drugs. Drugs influencing myometrium. Drugs used to treat gout	3	0	2	0	1	0
5	Cardiotonic drugs. Cardiac glycosides	5	2	2	0	1	0
6	Antiarrhythmic drugs	3	0	2	0	1	0
7	Antihypertensive and hypertensive drugs. Medications for cerebrovascular insufficiency	5	2	2	0	1	0
8	Drugs to treat ischemic heart disease (antianginal drugs). Anti-atherosclerotic drugs	3	0	2	0	1	0
9	Drugs influencing platelet aggregation, coagulation and fibrinolysis. Drugs that affect hematopoiesis	5	2	2	0	1	0
10	Hormonal Drugs	3	0	2	0	1	0
11	Anti-inflammatory, antiallergic, and immunotropic drugs	3	0	2	0	1	0
12	Test control of module 4.	3	0	2	0	1	0
13	Test control of module 4. Theoretical part	3	0	2	0	1	0
Module 5. Pharmacology of antimicrobial, antiviral, antiparasitic, antiprotozoal, antifungal, antitumoral drugs							
1	Antiseptics and Disinfectants	3	0	2	0	1	0
2	Pharmacology of antibiotics	3	0	2	0	1	0
3	Pharmacology of fluoroquinolones and antimycobacterial drugs. Sulfanilamides and antimicrobial agents of different chemical structure	3	0	2	0	1	0

№	Topic	Total, hours	Lectures, hours	Workshops (seminars), hours	Labs, hours	Self-study of the material, hours	Individual tasks, hours
4	Pharmacology of antiviral and antisyphilitic drugs. Antimalarial, antoprotozoal and antifungal drugs	3	0	2	0	1	0
5	Antihelmintic drugs. Pharmacology of antitumoral agents	3	0	2	0	1	0
6	Radioprotectors. Drugs which accelerate the elimination of radionuclids from organism. Drugs used for transfusion therapy. Drugs containing alkaline salt and alkaline-earth metals. Treatment of acute poisoning.	2	0	2	0	0	0
7	Test control of module 5. Theoretical part	3	0	2	0	1	0
8	Concluding session Prescription	4	0	2	0	2	0
9	Concluding session. Step-1	4	0	2	0	2	0
Total (full-time course form of study)		*150*	*14*	*76*	*0*	*60*	*0*
part-time course form of study							
Module 1. Medical prescription							
1	Introduction in medical prescription.Solid Medicinal Forms	0	0	0	0	0	0
2	Soft Medicinal Forms	0	0	0	0	0	0
3	Liquid Medicinal Forms	0	0	0	0	0	0
4	Control of practical skills to medical prescription.	0	0	0	0	0	0
Module 2. General pharmacology. Drugs influencing peripheral nervous system							
1	General pharmacology. Drug pharmacokinetics and pharmacodynamics. Drugs influencing afferent innervation	0	0	0	0	0	0
2	Drugs influencing efferent innervation. Cholinergic drugs. M- and N-Cholinomimetics. Cholinesterase Inhibitors. M-Cholinomimetic drugs. N-Cholinomimetic drugs	0	0	0	0	0	0
3	Drugs affecting cholinergic synapses. M-cholinoblocking drugs (Muscarinic antagonists). N-Cholinoblocking Drugs	0	0	0	0	0	0
4	Drugs affecting adrenergic synapses. Adrenergic agonists.	0	0	0	0	0	0

№	Topic	Total, hours	Lectures, hours	Workshops (seminars), hours	Labs, hours	Self-study of the material, hours	Individual tasks, hours
5	Adrenergic antagonists. Sympatholytics. Dopamine antagonists. Histaminergic agents.Serotonin agonists and antagonists	0	0	0	0	0	0
6	Test control of module 2. Theoretical part	0	0	0	0	0	0
Module 3. Drugs influencing central nervous system							
1	General Anaesthetics. Hypnotic drugs. Antiepileptic and antiparkinsonic drugs. Pharmacology of ethyl alcohol	0	0	0	0	0	0
2	Pharmacology of opioids and non-opioids analgesics	0	0	0	0	0	0
3	Psychotropic drugs: neuroleptics (antipsychotic drugs), tranquilizers (anxiolytics), sedative drugs, lithium salts	0	0	0	0	0	0
4	Psychotropic drugs: psychostimulants, analeptics, nootropic drugs, antidepressants, adaptogens, psychodisleptics	0	0	0	0	0	0
5	Test control of module 2 and 3. Step-1, presciptions	0	0	0	0	0	0
6	Test control of module 2. Theoretical part	0	0	0	0	0	0
Module 4. Drugs influencing inner organs and metabolism							
1	Drugs influencing respiratory system	0	0	0	0	0	0
2	Drugs influencing digestive system, part 1	0	0	0	0	0	0
3	Drugs influencing digestive system, part 2	0	0	0	0	0	0
4	Diuretic drugs. Drugs influencing myometrium. Drugs used to treat gout	0	0	0	0	0	0
5	Cardiotonic drugs. Cardiac glycosides	0	0	0	0	0	0
6	Antiarrhythmic drugs	0	0	0	0	0	0
7	Antihypertensive and hypertensive drugs. Medications for cerebrovascular insufficiency	0	0	0	0	0	0
8	Drugs to treat ischemic heart disease (antianginal drugs). Anti-atherosclerotic drugs	0	0	0	0	0	0
9	Drugs influencing platelet aggregation, coagulation and fibrinolysis. Drugs that affect hematopoiesis	0	0	0	0	0	0
10	Hormonal Drugs	0	0	0	0	0	0

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11	Anti-inflammatory, antiallergic, and immunotropic drugs	0	0	0	0	0	0
12	Test control of module 4.	0	0	0	0	0	0
13	Test control of module 4. Theoretical part	0	0	0	0	0	0
Module 5. Pharmacology of antimicrobial, antiviral, antiparasitic, antiprotozoal, antifungal, antitumoral drugs							
1	Antiseptics and Disinfectants	0	0	0	0	0	0
2	Pharmacology of antibiotics	0	0	0	0	0	0
3	Pharmacology of fluoroquinolones and antimycobacterial drugs. Sulfanilamides and antimicrobial agents of different chemical structure	0	0	0	0	0	0
4	Pharmacology of antiviral and antisyphilitic drugs. Antimalarial, antoprotozoal and antifungal drugs	0	0	0	0	0	0
5	Antihelmintic drugs. Pharmacology of antitumoral agents	0	0	0	0	0	0
6	Radioprotectors. Drugs which accelerate the elimination of radionuclids from organism. Drugs used for transfusion therapy. Drugs containing alkaline salt and alkaline-earth metals. Treatment of acute poisoning.	0	0	0	0	0	0
7	Test control of module 5. Theoretical part	0	0	0	0	0	0
8	Concluding session Prescription	0	0	0	0	0	0
9	Concluding session. Step-1	0	0	0	0	0	0
Total (part-time course form of study)		*0*	*0*	*0*	*0*	*0*	*0*