

Annotation
 syllabus of discipline **PHARMACOLOGY**
 graduate qualification Specialist

Field of training 31.05.01 «General medicine»

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Training cycle / training unit	Basic part, block I
Course workload	Lectures - 48 Practicals - 42 Seminars - Laboratory-based practicals - Clinical practicals - Self-studies - 108 Examination - 36 Total course workload 252 (hours) / 7 (credits)
Year of training, term	3, 4 years / 6, 7 terms
Location of the course within the educational program (EP) (previous discipline the following disciplines)	<i>Previous disciplines:</i> Human physiology and anatomy, Pathological anatomy, Pathological physiology, Biochemistry, General surgery, Microbiology and immunology
Codes of developed competences	GPC-8
Purpose of the course	readiness for medical use of drugs and other substances and their combinations in solving professional tasks
Objectives of the course	Forming of necessary minimum of theoretical knowledge related to major pharmacologic questions, problems and concepts, that will lead to world outlook formation and will help students in their deeper understanding of professional knowledge. The purpose of analysis of pharmacology is the acquisition by each student of a profound knowledge on pharmacology, to orient of the effects of drugs on the function of living systems; skills to use the obtained knowledge at the subsequent analysis of other fundamental and clinical disciplines, and also future practical activity of the doctor
Name of the course section (modules)	The Section I. The General pharmacology. The Section II. The Private (systems) pharmacology. Vegetotropic drugs (autonomic pharmacology). Pharmacological control to allergies and inflammations. Pharmacology of central nervous system (CNS) drugs. Drugs used in heart failure. Antiarrhythmic drugs. Antianginal drugs. Antihypertensive drugs. Atherosclerosis and lipoprotein metabolism. Drugs used in disorders of coagulation. Agents used in anemias. Pharmacology of respiratory

	system disorders. Drugs used in the treatment of gastrointestinal diseases. Pharmacology of hormones. Agents that affect bone mineral homeostasis. Chemotherapeutic drugs. Antiparasitic chemotherapy. Cancer chemotherapy. Immunopharmacology. Pharmacology of vaccines, immune globulins and other complex biologic products. Pharmacology of botanicals (herbal medications) and nutritional supplements.
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