

Summary of the working program of the academic discipline

«PATHOLOGICAL ANATOMY, CLINICAL PATHOLOGICAL ANATOMY»

(name of the academic discipline)

General Educational Program of higher education (specialist's degree programs)

31.05.01 GENERAL MEDICINE

code, name of the specialty

(31.05.01 General Medicine)

Department: Pathological anatomy

1. The purpose of mastering the discipline (*participation in the formation of relevant competencies – specify the codes*): **UC-1, GPC-5.**

2. Position of the academic discipline in the structure of the General Educational Program (GEP).

2.1. The discipline refers to the core part (*or the part formed by the participants of educational relations*) of Block 1 of GEP HE, elective disciplines.

3. Deliverables of mastering the academic discipline and metrics of competence acquisition

Mastering the discipline aims at acquiring the following universal (UC) or/and general professional (GPC) or/and professional (PC) competencies

№	Competence code	The content of the competence (or its part)	Code and name of the competence acquisition metric	As a result of mastering the discipline, the students should:		
				know	be able to	possess
1.	UK-1	Able to carry out a critical analysis of problem situations based on a systematic approach, develop an action strategy	AI-1 UC-1.1 selection of critical analysis methods and evaluation of modern scientific achievements; AI-2 UC-1.2 obtaining new knowledge based on analysis, synthesis, etc.; collecting data on complex	Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis	gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions	Has practical experience: researching the problem of professional activity using analysis, synthesis and other methods of intellectual activity; developing an action strategy to solve professional problems

			<p>scientific problems related to the professional field; searching for information and solutions based on actions, experiment and experience</p> <p>AI-3 UC-1.3 implementation of practical experience: research of the problem of professional activity with the use of analysis, synthesis and other methods of intellectual activity; development of an action strategy for solving professional problems</p>		<p>based on action, experiment and experience</p>	
2.	GPC-5	<p>Able to assess morphofunctional, physiological conditions and pathological processes in the human body to solve professional problems</p>	<p>AI-1 Knowledge of pathological anatomy and physiology of human organs and systems</p> <p>AI-2 the ability to evaluate the basic morphofunctional data,</p>	<p>Knows: anatomy, histology, embryology, topographic anatomy, physiology, pathological anatomy</p>	<p>Able to: evaluate the basic morphological and functional data, physiological conditions and pathological</p>	<p>Has practical experience in: assessment of basic morphological and functional data, physiological conditions and</p>

			physiological states and pathological processes in the human body A.I-3 implementation of practical experience: assessment of basic morphofunctional data, physiological conditions and pathological processes in the human body when solving professional tasks	and physiology of human organs and systems	processes in the human body	pathological processes in the human body when solving professional problems
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4. Volume of the academic discipline and types of academic work

Total labor intensity of the discipline is ___ CU (___AH)

Type of educational work	Labor intensity		Labor intensity (AH) in semesters			
	volume in credit units (CU)	volume in academic hours (AH)	5	6		
Classroom work, including						
Lectures (L)	0,7	26	18	8		
Laboratory practicum (LP)*						
Practicals (P)	2,8	102	66	36		
Seminars (S)						
Student's individual work (SIW)	2,4	88	60	28		
Mid-term assessment						
credit/exam (<i>specify the type</i>)	1	36		36		
TOTAL LABOR INTENSITY	7	252	144	108		

5. Sections of the academic discipline and competencies that are formed

No	Competence code	Section name of the discipline
1.	UK-1 GPK-5	Damage to cells and tissues.

2.	UK-1 GPK-5	Morphology of protein and lipid metabolism disorders.
3.	UK-1 GPK-5	Morphology of pigment metabolism disorders
4.	UK-1 GPK-5	Circulatory disorders:
5.	UK-1 GPK-5	Acute inflammation.
6.	UK-1 GPK-5	Chronic inflammation.
7.	UK-1 GPK-5	Adaptation and adaptive processes.
8.	UK-1 GPK-5	Tumors. General provisions. Tumors of mesenchymal derived tissues. Tumors from melanin-forming tissue.
9.	UK-1 GPK-5	Tumors from the epithelium.
10.	UK-1 GPK-5	Cancer of individual localizations.
11.	UK-1 GPK-5	Tumors of hematopoietic and lymphoid tissue.
12.	UK-1 GPK-5	Diseases of the cardiovascular system
13.	UK-1 GPK-5	Lung diseases.
14.	UK-1 GPK-5	Diseases of the gastrointestinal tract
15.	UK-1 GPK-5	Diseases of the liver and biliary tract.
16.	UK-1 GPK-5	Kidney diseases.
17.	UK-1 GPK-5	Intestinal infections. Sepsis.

18.	UK-1 GPK-5	Tuberculosis.
19.	UK-1 GPK-5	Bacterial and viral infections transmitted by airborne droplets (diphtheria, scarlet fever, measles, meningococcal infection). HIV infection.
20.	UK-1 GPK-5	Organization of pathanatomic service in medical institutions (its prospects, further improvement). The importance and role of the pathology service in the health care system (tasks).
21.	UK-1 GPK-5	Tasks, documentation of PAO medical institutions. The significance and tasks of pathoanatomic autopsy. Execution of the autopsy report.