Summary of the working program of the academic discipline

«Clinical aspects of biochemistry»
(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

Department: Biochemistry named after G.Ya. Gorodisskaya

1. The purpose of mastering the discipline: participation in the formation of relevant competencies: **UC-1.**

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

2.1. The discipline refers to the core part of Block 1 of GEP HE.

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.	UC-1	Able to carry out critical analysis of problem situations based on a systematic approach, develop an action strategy	Knows: methods of critical analysis and evaluation of modern scientific achievements; basic principles of critical analysis Able to: gain new knowledge based on analysis, synthesis, etc.; collect data on complex scientific problems related to the professional field; search for information and solutions based on action, experiment and experience Has practical experience: researching the problem of professional activity using analysis, synthesis	the basic principles of biochemical processes of human activity in their integrity and interrelation	use the basics of biochemical knowledge about the composition and metabolism of organs and tissues to analyze their functions at the molecular level and the state of the body as a whole	ability to think abstractly, analyze, synthesize the information received

			and other methods of intellectual activity; developing an action strategy to solve professional problems			
2.						
3.						

4. Volume of the academic discipline and types of academic work

Total labor intensity of the discipline is 1 CU (36 AH)

Type of educational work	Labor intensity		Labor intensity (AH) in semesters			
	volume in credit units (CU)	volume in academic hours (AH)	3			
Classroom work, including		22	22			
Lectures (L)		2	2			
Laboratory practicum (LP)*		**20**	20			
Practicals (P)						
Seminars (S)						
Student's individual work (SIW)		**14**	14			
Mid-term assessment						
credit/exam *(specify the type)*						
TOTAL LABOR INTENSITY		**36**	**36**			

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

№	Competence code	Section name of the discipline
1.	UC-1	Proteins. Enzymes Protein and amino acid metabolism Matrix syntheses Biochemistry of hormones
2.		
3.		