

## *Summary of the working program of the academic discipline*

### «History of Pharmacy»

(name of the academic discipline)

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

33.05.01 Pharmacy

*code, name of the specialty*

Department: Social and humanity sciences

**1. The purpose of mastering the discipline** (*participation in the formation of relevant competencies – specify the codes*): the study of the history, patterns and logic of the development of healing, medical activity of the peoples of the world throughout the history of mankind through creative cooperation in humanitarian knowledge:

**1.1.** The purpose of mastering the discipline: (*participation in forming the relevant competencies*).

**1.2.** Tasks of the discipline:

1. to train students to apply the skills of critical thinking and objective analysis in relation to historical phenomena, achievements and prospects of development of modern medicine and pharmacy;

2. to show the general patterns of the world–historical process of formation and development of medicine and pharmacy in various countries of the world from ancient times to our time;

3. to reveal the achievements of ancient civilizations and each epoch in the field of medicine and pharmacy in the context of the progressive development of mankind;

4. focus on the achievements of medicine and pharmacy of the XX century, the prospects of modern medicine, the advantages and problems of the "global healthcare" system;

5. to acquaint students with the merits and achievements of scientists and doctors, with the main directions of development of medical science and medical activity;

6. through the prism of the peculiarities of the development of ethics of different eras to form students' ideas about modern medical ethics, its philosophical foundations and main principles;

7. to cultivate high moral qualities in students: love for their profession, loyalty to duty, feelings of humanism and patriotism towards their country in general and the Nizhny Novgorod region in particular;

8. to form the creativity and creative thinking of students, the ability to justify and defend their point of view; to develop teamwork skills in solving specific tasks.

**1.3.** Requirements to the deliverables of mastering the discipline

As a result of completing the discipline, the student should

**Know:**

the main stages and general patterns of the formation and development of healing and medicine, the history of the development of the profession of a doctor in various countries of the world from ancient times to our time

achievements of the largest civilizations in the field of healing and medicine in the process of progressive development of their spiritual culture;

the contribution of outstanding doctors of the world who determined the fate of medical science and activity in the history of mankind.

the main stages and general patterns of the formation and development of healing and medicine, the history of the development of the profession of a doctor in various countries of the world from ancient times to our time;

**Be able to:**

analyze historical material and navigate the historical process of progressive development of healing and medicine from the origins to the present;  
 understand the logic and patterns of development of medical thought and activity at various stages of human history and apply this knowledge in your practice;  
 understand the logic and patterns of development of medical thought and activity at various stages of human history and apply this knowledge in your practice;  
 constantly improve and deepen your knowledge of the history of your chosen specialty;  
 strive to improve their cultural level; worthily follow the ideas of humanism and universal values in their medical activities.

**Possess:**

skills of conducting scientific discussion on the most important issues of the general history of medicine;

the skills of using knowledge on the history of medicine, culture and medical ethics acquired in the course of training in their activities.

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

2.1. The discipline belongs to the block 1 of the Discipline (Module) the mandatory part is B 1.O.4 and is studied in the 1st year in the 1d semester.to the core part of Block 1 of GEP HE (Academic discipline index).

The discipline is taught in 1 semester/1 year of study.

## 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-5	Able to analyze and take into account the diversity of cultures in the process of the intercultural interaction	UC-5.2. Analyzes the most important ideological and value systems formed in the course of historical development; substantiates the relevance of their use in social and professional interaction	the main stages and general patterns of the formation and development of healing and medicine,	analyze historical material and navigate the historical process of progressive development of	the skills of conducting a scientific discussion on the most important issues of the general history of medicine; the skills of using

				<p>the history of the development of the medical profession in various countries of the world from ancient times to our time; achievements of the largest civilization in the field of healing and medicine in the process of progressive development of their spiritual culture; the contribution of outstanding doctors of the world who determined the fate of medical science and activity in the history of mankind.</p>	<p>healing and medicine from the origins to the present; understand the logic and patterns of development of medical thought and activity at various stages of human history and apply this knowledge in your practice; constantly improve and deepen your knowledge of the history of your chosen specialty; strive to improve your cultural level; it is worthy to follow the ideas of humanism and universal values in your medical activity.</p>	<p>knowledge on the history of medicine, culture and medical ethics acquired in the course of training in their activities.</p>
2.	GPC-1.	Able to use basic	GPC-1.1. Knows	fundament	apply	practical

		biological, physical-chemical, chemical, mathematical methods for the development, research and examination of medicines, the manufacture of medicinal products	the basics of medical ethics and deontology; fundamentals of legislation in the field of healthcare; legal aspects of medical activity GPC-1.2. Knows how to apply ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving professional tasks; apply rules and norms of interaction of a doctor with colleagues and patients (their legal representatives) GPC-1.3. Has practical experience in solving standard tasks of professional activity based on ethical norms and deontological principles when interacting with colleagues and patients (their legal representatives), knowledge of legal aspects of medical activity	als of medical ethics and deontology ; fundamentals of legislation in the field of healthcare; legal aspects of medical activity	ethical norms and principles of behavior of a medical worker in the performance of their professional duties; knowledge of modern legislation in the field of healthcare in solving professional tasks; apply rules and norms of interaction of a doctor with colleagues and patients (their legal representatives)	experience in solving standard tasks of professional activity based on ethical norms and deontological principles in interaction with colleagues and patients (their legal representatives), knowledge of legal aspects of medical activity
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#### 4. Volume of the academic discipline and types of academic work

Total labor intensity of the discipline is 2 CU (72 AH)

Type of educational work	Labor intensity		Labor intensity (AH) in semesters			
	volume in credit units (CU)	volume in academic hours (AH)				
Classroom work, including						

Lectures (L)	0.3	6	-	10	-	
Laboratory practicum (LP)*	-	-	-	-	-	
Practicals (P)	-	-	-	-	-	
Seminars (S)	-	-	-	-	-	
Student's individual work (SIW)	1	34	-	34	-	
Mid-term assessment	0.7	28	-	28	-	
credit/exam ( <i>specify the type</i> )	+	+	-	+	-	
<b>TOTAL LABOR INTENSITY</b>	<b>2</b>	<b>72</b>	<b>-</b>	<b>72</b>	<b>-</b>	

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

№	Competence code	Section name of the discipline
1.	UC-5, GPC-1	Pharmacy and its subject. The history of the formation and development of pharmacy as a branch of medicine.
2.	UC-5, GPC-1	Healing in the countries of the Ancient East.
3.	UC-5, GPC-1	Healing and medicine of the ancient Mediterranean.
4.	UC-5, GPC-1	Pharmacy in the Middle Ages and Renaissance.
5.	UC-5, GPC-1	The development of pharmacy and shaping in Western Europe and the USA in the XVIII-XXI centuries.
6.	UC-5, GPC-1	Historical stages of development of domestic medicine and pharmacy
7.	UC-5, GPC-1	Medicine of the twentieth century