

Academic discipline:
" Physical and colloid chemistry "

Code and name of specialty	1-80 02 01 Biomedical science
Training course	2
Semester of training	3
Number of class hours:	56
Lectures	30
Seminar classes	-
Practical classes	10
Laboratory classes	16
Form of current assessment (credit/differential credit/exam)	credit
Number of credits	3
Competencies to be formed	The discipline "Physical and Colloid Chemistry" should provide the formation of basic professional competencies: to know the theoretical foundations of general and inorganic chemistry, methods of qualitative and quantitative analysis of substances, theoretical laws of physical and colloid chemistry, basic chemical properties and methods of production of simple substances and inorganic compounds, their impact on the environment and human health, to be able to plan, conduct and analyse the results of chemical experiment
<p style="text-align: center;">Summary of the content of the academic discipline:</p> <p>The study of physical and colloid chemistry allows students to form an integral system of ideas about its role in the field of natural sciences, in scientific and technological progress, as well as in the development of modern industrial society. The study of different branches of chemistry helps to show the generality of chemical processes taking place in nature and to clarify the mechanisms of chemical and enzymatic reactions in bacterial cells and animal and plant cells.</p>	