

**Academic discipline:
" Analytical Chemistry"**

Code and name of specialty	1- 02 04 01 Biology and Chemistry
Training course	2
Semester of training	3/ 4
Number of class hours:	110
Lectures	38
Seminar classes	16
Practical classes	16
Laboratory classes	40
Form of current assessment (credit/differential credit/exam)	credit/ exam
Number of credits	6
Competencies to be formed	To know the theoretical foundations of general and inorganic chemistry, methods of qualitative and quantitative analysis of substances, theoretical laws of physical and colloidal chemistry, basic chemical properties and methods for obtaining simple substances and inorganic compounds, their impact on the environment and human health, be able to plan, conduct and analyze the results of a chemical experiment
Summary of the content of the academic discipline:	
The academic discipline "Analytical Chemistry" forms an idea of the classification and theoretical foundations of qualitative chemical methods of analysis, group and individual properties of ions and substances. It gives an understanding of the specifics of the analysis of various objects, including substances and products of natural and synthetic origin.	