

**The name of the academic discipline:
«Chemistry of the elements»**

Code and name of specialty	1-02 04 01 Biology and Chemistry
Training course	2
Semester of training	3
Number of class hours:	60
Lectures	20
Seminar classes	-
Practical classes	12
Laboratory classes	28
Form of current assessment (credit/differential credit/exam)	exam
Number of credits	3
Competencies to be formed	Mastering the discipline "Chemistry of the Elements" should ensure the formation of specialized competencies: interpret the basic laws of the structure and chemical behavior of inorganic substances, master the methodology for solving computational and experimental problems in inorganic chemistry
Summary of the academic discipline:	
<p>The academic discipline "Chemistry of the Elements" is the basis for the study of such disciplines as "Analytical Chemistry", "Physical and Colloidal Chemistry", "Organic Chemistry", "General Biochemistry", "General Ecology", "Production of environmentally friendly products in agriculture" and is based on the knowledge gained in the study of the discipline "General Chemistry". It forms the basis of a system of fundamental natural science knowledge and chemical thinking necessary for understanding the physical and chemical foundations of the development of natural objects, as well as a comprehensive and deep understanding of the structure and properties of inorganic compounds, the relationship between the chemical properties of inorganic substances and their biological properties.</p>	