

**Academic discipline:  
General and inorganic chemistry**

<b>Code and name of specialty</b>	6-05-0113-03 Natural science education (biology and chemistry)
<b>Training course</b>	1
<b>Semester of training</b>	1 / 2
<b>Number of class hours:</b>	148
<b>Lectures</b>	48
<b>Seminar classes</b>	20
<b>Practical classes</b>	28
<b>Laboratory classes</b>	52
<b>Form of current assessment (credit/differential credit/exam)</b>	Exam, credit
<b>Number of credits</b>	9
<b>Competencies to be formed</b>	Mastering the academic discipline "General and inorganic Chemistry" should ensure the formation of basic professional competencies: to master the classical sections of chemical disciplines for the implementation of educational and research activities
<b>Summary of the content of the academic discipline:</b>	
The academic discipline "General and inorganic chemistry" is the basis for the study of such disciplines as "Organic Chemistry", "Analytical Chemistry", "Biological Chemistry". It forms the basic system of fundamental natural science knowledge and chemical thinking necessary to understand the physico-chemical basics of natural objects development, as well as a comprehensive and in-depth understanding of the structure and properties of inorganic compounds, the relationship between the chemical properties of inorganic substances and their biological properties.	