

**Academic discipline:**  
**" Physico-chemical methods of research "**

<b>Code and name of specialty</b>	1- 02 04 01 Biology and chemistry
<b>Training course</b>	3
<b>Semester of training</b>	5
<b>Number of class hours:</b>	48
<b>Lectures</b>	10
<b>Seminar classes</b>	6
<b>Practical classes</b>	12
<b>Laboratory classes</b>	20
<b>Form of current assessment (credit/differential credit/exam)</b>	Exam
<b>Number of credits</b>	3
<b>Competencies to be formed</b>	To select optimal methods of physicochemical analysis of substances and interpret the results obtained
<b>Summary of the content of the academic discipline:</b>	
The academic discipline "Physico-chemical methods of research" is based on the knowledge obtained in the courses of "General Chemistry", "Analytical Chemistry", "Physical and Colloid Chemistry". The aim of the course is to introduce students to the theoretical foundations and possibilities of using instrumental methods of identification, qualitative and quantitative analysis of chemical and biological objects.	