

**The name of the academic discipline:  
“Methodology for solving tasks in chemistry”**

<b>Specialty code and name</b>	1- 02 04 01 Biology and Chemistry
<b>Year of study</b>	4
<b>Semester of study</b>	8
<b>Number of in-class academic hours:</b>	60
<b>Lectures</b>	12
<b>Seminar classes</b>	-
<b>Practical classes</b>	48
<b>Laboratory classes</b>	-
<b>Form of the current assessment (<i>credit/ graded credit /exam</i>)</b>	credit
<b>Number of credit points</b>	3
<b>Competences</b>	Mastering the academic discipline “Methodology for solving tasks in chemistry” should ensure the formation of specialized competencies: mastering the methodology and techniques for solving the main types of calculation tasks used in school at the basic and specialized levels of chemistry education
<p style="text-align: center;"><b>Summary of the academic discipline:</b></p> <p>The academic discipline “Methodology for solving tasks in chemistry” reveals the basics of the methodology for solving tasks in the main sections of chemistry, which are studied in the school course at the basic and advanced levels of teaching chemistry as one of the branches of pedagogical sciences. It presents approaches to solving chemical tasks, forms, methods and means of optimal teaching of students from a modern perspective. It reveals aspects of the personality-oriented and practice-oriented approaches to organizing the educational process.</p>	