

**The name of the academic discipline:  
“Chemical foundations of ecology”**

<b>Specialty code and name</b>	1- 02 04 01 Biology and Chemistry
<b>Year of study</b>	4
<b>Semester of study</b>	7
<b>Number of in-class academic hours:</b>	50
<b>Lectures</b>	16
<b>Seminar classes</b>	10
<b>Practical classes</b>	12
<b>Laboratory classes</b>	12
<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 “Chemical foundations of ecology” should ensure the formation of specialized competencies: assessing the impact of chemical processes on the environment and ecological balance.
<b>Summary of the academic discipline:</b>	
<p>The academic discipline “Chemical foundations of ecology’ orients students to study chemical and physicochemical processes underlying the ongoing global changes in the biosphere. A special emphasis of the discipline is harmful substances in the biosphere and human life, their properties, sources of occurrence, and corrective measures.</p>	