

**Academic discipline:  
"Biological fundamentals of agriculture"**

<b>Code and name of specialty</b>	1- 02 04 01 Biology and chemistry
<b>Training course</b>	3
<b>Semester of training</b>	6
<b>Number of class hours:</b>	50
<b>Lectures</b>	20
<b>Seminar classes</b>	-
<b>Practical classes</b>	-
<b>Laboratory classes</b>	30
<b>Form of current assessment (credit/differential credit/exam)</b>	Exam
<b>Number of credits</b>	3
<b>Competencies to be formed</b>	To set up and conduct experiments and tests to study the processes occurring in plants on the basis of knowledge about the integrity of the plant organism, the relationship of its structure and functions, changes during individual development and under the influence of environmental conditions of pedagogical technologies to improve the quality of training of students. To evaluate the impact of chemical processes on the environment and ecological balance
<b>Summary of the content of the academic discipline:</b>	
<p>The discipline "Biological fundamentals of agriculture" is based on the knowledge obtained by students in the study of such biological disciplines as botany, zoology, plant physiology, human and animal physiology, considers their provisions in the light of agricultural production. It gives the basic theoretical provisions, laws of development and structure of modern agriculture, familiarizes with the most important crops; with the origin, breeding, biological features and economic importance of cattle, pigs and poultry, the issues of environmental protection and obtaining environmentally friendly products.</p>	