

**Academic discipline:  
" Genetics "**

<b>Code and name of specialty</b>	1- 02 04 01 Biology and Chemistry
<b>Training course</b>	2
<b>Semester of training</b>	3
<b>Number of class hours:</b>	72
<b>Lectures</b>	20
<b>Seminar classes</b>	
<b>Practical classes</b>	52
<b>Laboratory classes</b>	-
<b>Form of current assessment (credit/differential credit/exam)</b>	credit
<b>Number of credits</b>	3
<b>Competencies to be formed</b>	To apply the laws of heredity and variability to explain the mechanisms of formation of signs and properties in living organisms
<b>Summary of the content of the academic discipline:</b>	
The academic discipline "Genetics" forms the prospects for the development of modern genetics among students; – molecular foundations of genetics; – ways of transferring hereditary information in the cell, regulation of gene expression, hereditary and non–hereditary variability; - genetic foundations of ontogenesis.	