

**Academic discipline:
"Xenobiology"**

Code and name of specialty	1-80 02 01 Biomedical science
Training course	3
Semester of training	6
Number of class hours:	56
Lectures	28
Seminar classes	
Practical classes	-
Laboratory classes	28
Form of current assessment (credit/differential credit/exam)	Credit
Number of credits	3
Competencies to be formed	To know the basic laws of ecology, the peculiarities of the functioning of the population, community, ecosystem and biosphere as a whole, to be able to analyze and assess the level of impact on human populations, their genome of extreme and harmful environmental factors and to develop measures to optimize this impact. To have the ability and willingness to use methods of assessing natural and medico-social environmental factors in the development of diseases of the population and carry out their correction
<p style="text-align: center;">Summary of the content of the academic discipline:</p> <p>The academic discipline "Xenobiology" studies chemicals that are alien to the environment and living organisms (xenobiotics). The diversity of these substances, their behavior in living organisms and in the environment, the mechanisms of accumulation and degradation are the subject of consideration in the framework of the course "Xenobiology".</p>	