

**Academic discipline:
"General ecology"**

Code and name of specialty	1-80 02 01 Biomedical science
Training course	3
Semester of training	5
Number of class hours:	48
Lectures	32
Seminar classes	-
Practical classes	8
Laboratory classes	8
Form of current assessment (credit/differential credit/exam)	Exam
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
<p style="text-align: center;">Summary of the content of the academic discipline:</p> <p>The academic discipline "General ecology" is closely related to natural and social sciences. The purpose of the discipline is the assimilation by students of modern scientific knowledge about biosystems and their interaction with the environment, the formation of students' ecological worldview, ecological culture of personality, professional environmental literacy of a future ecologist who is able to predict the development of environmental processes, choose the most effective ways to solve them and optimal ways of environmental management as a result of the analysis of environmental problems.</p>	