Graduate model

	6B08107-AGROECOLOGY
Skills:	-be able to work with biogeographic maps; study the transformation of chemical compounds in the environment; -accounting and control of agroecological safety of agricultural products when using herbicides, fungicides and insecticides; -the main methods of production of environmentally friendly agricultural products; -basic principles of the organization of agroecosystems and optimization of agricultural landscapes; - efficiently and effectively use land, water, forestry, labor, material and other resources; -to know the peculiarities of the influence of environmental factors on living organisms and their responses;
Know and understand	to understand the basic foundations in the field of natural sciences that contribute to the formation of a highly educated personality with a broad outlook and a culture of thinking, to apply information technology for data analysis and collection; -apply the acquired knowledge for the analysis and comprehensive assessment of specific agroecosystems
To be competent in matters	-to distinguish and analyze the models of the selected anthropoecosystem, to know the role of microorganisms in nature and various spheres of human activity; -to regulate agricultural machinery and equipment, to set the rate of sowing of seeds of agricultural crops, fertilizers, pesticides, irrigation standards, etc.; -to draw up technological maps of cultivation of agricultural crops with the introduction of elements of innovative technologies; Development and implementation of agrochemical measures aimed at increasing soil fertility and increasing the yield of legumes and oilseeds.