

Program – Biology

Level – Bachelor's Level

Qualification – Bachelor of Biology

The Program Goals

The aim of the program is to study theoretical and practical issues of all forms and manifestations of life, regulation of vital processes and biodiversity maintenance; to study the structural and functional peculiarities of living systems (microorganisms, plants, animals, humans) at different (molecular, cell, tissue, organism, population, biogenecenology) levels of organization; to study regulations of heredity and changeability; to understand self-regulatory mechanisms of living systems; to perceive the main biochemical processes within living organs; to study biological basics of medicine; to understand regulation of historical development of the organic world; to study theoretical basics for creation of new species of cultural plants and domestic animals; to understand nature's ethic-aesthetic and practical values; to get equipped with the ability of protection-conservation of biodiversity and rational utilization for the human interests.