



# PASSPORT OF THE EDUCATIONAL PROGRAM

- **6B05101– Biology**

## **PURPOSE OF EDUCATIONAL PROGRAMS**

Training with professional competences of preparation of bachelors of biology fundamental and applied nature that meets the increasing demands for quality professionals for organizational and technological, production and management, design, research, conservation, teaching activities

## **FIELD OF PROFESSIONAL ACTIVITY**

Research activities, state regulation, teaching activities

## RESULTS OF TRAINING (RT)

**RT 1** – generalizes the laws of socio-philosophical and world-historical development, uses the knowledge of the Humanities, social and economic Sciences in solving social and professional problems; analyzes the functional relations of art as a component of the cultural dimension of human existence and the needs of society;

**RT 2** – uses methods of organizing professional activities in a multicultural environment, taking into account ethnic and religious differences and features of the socio-cultural structure of society;

**RT 3** – solves practical problems that contribute to the formation of a highly educated person with a broad Outlook and culture of thinking, who strives to lead a healthy lifestyle;

**RT 4** – explains his point of view using linguistic means of state, Russian and foreign languages, solves real situations/cases in specific speech situations of the scientific sphere;

**RT 5** – combines and uses basic theoretical knowledge to solve professional problems, based on previously studied material;

**RT 6** – has professional training in the field of information and communication technologies, is able to navigate modern information flows in the field of subject specialization and adapt to dynamically changing trends and trends in modern biology;

**RT 7** – shows a creative, research approach to scientific and pedagogical activities and the ability to abstract thinking;

**RT 8** – analyzes, synthesizes, and creatively transforms information from various sources to create a product, hypothesis, or systematic explanation of a phenomenon or event;

**RT 9** – applies fundamental knowledge in special areas of biology; selects and uses in research and professional activities the main biological and computer methods for modeling and analyzing biological processes and phenomena;

**RT 10** – performs scientific experiment setting in laboratory and field conditions, uses systematized theoretical and practical knowledge of natural Sciences in solving scientific, applied and educational tasks.