



PASSPORT OF THE EDUCATIONAL PROGRAM

- 7M05101–Biological and related sciences (Biology)

PURPOSE OF EDUCATIONAL PROGRAMS

Preparation of masters with in-depth, systematic theoretical knowledge and practical skills in fundamental and relevant areas of biology, capable of self-development and implementation in research, analytical and pedagogical activities

FIELD OF PROFESSIONAL ACTIVITY

Research activities, state regulation, biological expertise and monitoring, teaching activities

RESULTS OF TRAINING (RT)

RT 1 - understands the high social significance of the profession, adheres to the principles of professional ethics, uses knowledge of regulatory legal acts and the basics of electronic documentation in professional activities (scientific and pedagogical);

RT 2 - owns the skills of theoretical and methodological analysis is able to use in practice the methods of forecasting and planning, synthesize knowledge in the specialty and interdisciplinary knowledge to solve research and practical problems;

RT 3 - adapts to changing environmental conditions and makes management decisions in the conditions of different opinions; has the ability to generate new ideas;

RT 4 - applies fundamental knowledge in special fields 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 5 - he knows of methods to organize professional activities in the scientific, industrial and educational environment, taking into account the needs of society;

RT 6 - demonstrates skills for independent continuation of further training;

RT 7 - analyzes scientific information, competently formulates relevant conclusions and conclusions in the state, Russian and foreign languages;

RT 8 - understands, presents and critically analyzes basic general biological information; uses the theoretical foundations, basic concepts, and laws of biology.