



PASSPORT OF THE EDUCATIONAL PROGRAM

• 6B01514 - Biology in English

PURPOSE OF THE EDUCATIONAL PROGRAM

Training of highly qualified teachers of biology in English with modern biological knowledge and thinking, communicative, digital competencies, able to successfully act on the basis of practical experience, skills and knowledge in solving professional problems.

AREA OF PROFESSIONAL ACTIVITY

- secondary education organizations;
- organizations of professional-technical education;
- departments and departments of education;
- research organizations engaged in the study of educational problems

LEARNING OUTCOMES (LO)

LO1-knows how to organize professional activities in a multicultural environment, taking into account the features of the socio-cultural structure of society, as well as the laws and principles of national education.

LO2-participates in interdisciplinary and interdepartmental interaction of specialists in solving professional problems.

LO3-approves the basic biological concepts, laws and phenomena; regularities of the development of the organic world and the methodology of teaching biology, modern educational technologies of teaching biology.

LO4-discusses the laws of the biochemical unity of the organic world, the molecular basis of heredity, variability and methods of genetic analysis, and new methods, forms and means of teaching and upbringing, values and beliefs of biological education.

LO5 –applies in professional activity new educational technologies, laboratories, printed media, video, multimedia, software, the Internet; the main international and domestic documents on the rights of the child and the rights of people with special needs; criteria-based assessment methods: formative, summative assessment; research results in the field of biological education.

LO6-applies computer modeling techniques and methods of theoretical analysis of the results of observations and experiments; including using the modern educational model BL in «online» mode.

LO7-analyzes the activities of all subjects of the educational process (own, students, parents), is able to work in cooperation with colleagues to improve the process of teaching biology in the classroom and laboratory classes.

LO8-integrates a variety of forms and methods of education and training of schoolchildren in extracurricular work in biology.

LO9-carries out reflection, self-assessment of their educational activities

LO10-evaluates new innovative learning strategies