

Educational program	«6B01502 Training of biology teachers»
EP purpose	Training of competitive scientific and pedagogical personnel, specialists in the field of natural sciences, able to adapt to modern educational conditions, possessing innovative thinking, advanced technologies, able to prove and solve problems of public interest in biology.
	<p>ON 1. Solve communicative tasks and ways of organizing professional activity in a multilingual environment, use terms in their professional activities, formulate a holistic worldview of culture, religion, human life, linking the monotony of the modern world.</p> <p>ON 2. Apply the methods of pedagogical mastery and ethical standards of a teacher in biology, use the acquired knowledge, skills and abilities to solve the tasks of professional activity, including linking with inclusive education.</p> <p>ON 3. To analyze the history of the development of biological science, its state at the present stage, to investigate the evolutionary doctrine, to reveal the theoretical foundations of the structure of cells, tissues and organs of animals and plants, the principles and functions of their organization, the interaction of mechanisms.</p> <p>ON 4. Take into account the age, individual characteristics of students, discuss the laws of biochemical unity and regularities, the development of the organic world, the molecular basis of heredity, variability and methods of genetic analysis.</p> <p>ON 5. To represent human anatomy, plant morphology, different classes of multiform vertebrate and invertebrate animal world, their main evolutionary stages of development.</p> <p>ON 6. Apply fundamental, applied and interdisciplinary knowledge in professional activities using innovative educational technologies.</p> <p>ON 7. To critically approach the organization of cognitive and research work, to design given and problematic educational situations; is able to effectively plan and organize the educational and cognitive activities of students and their own research activities.</p> <p>ON 8. To carry out reflection, self-assessment of their educational activities, apply theoretical foundations in the field of pedagogy, biology and didactics of secondary school, to understand the meaning of principles and culture of academic integrity.</p> <p>ON 9. Explain and conduct laboratory work and field research, using scientific equipment, digital technologies, while observing the necessary safety precautions.</p>
EP type	Current EP
Level on NQF	6
Level on IQF	6
The awarded academic degree	Bachelor of education in the educational program «6B01502 Training of biology teachers»
Period of study	4
Volume of the credits	240
Name of professional standard	Teacher
Date of approval EP on the Academic Council	10-04-2023