



# PASSPORT OF THE EDUCATIONAL PROGRAM

## 7M01513 Teacher training in Biology

### THE PURPOSE OF THE EDUCATIONAL PROGRAM

Training of teaching staff in biology, who have modern meta-subject, communicative, digital competencies, who are able to creatively and professionally solve socially significant tasks in the pedagogical field of activity at the modern scientific and practical level, as well as who have high social and civic responsibility

### FIELD OF PROFESSIONAL ACTIVITY

Education and upbringing, as well as research activities, state regulation related to education

## LEARNING OUTCOMES (LO)

- LO1** - set and solve tasks in the field of their professional competence and be able to identify factors that affect the development of various branches of biology;
- LO2**- possess the skills of theoretical and methodological analysis, be able to use forecasting and planning methods in practice, and also be able to synthesize knowledge in the specialty and interdisciplinary knowledge to solve research and practical problems;
- LO3** - critically evaluate strategic external and internal factors affecting the current state of biological education and have the ability to generate new ideas;
- LO4** -understands the principles of organizing scientific research, ways to achieve and build scientific knowledge;
- LO5** -is able to model the educational process and implement it in the practice of training;
- LO6**-conduct scientific research in biology;
- LO7** - uses the main methods, methods and means of obtaining, storing, processing information; has computer skills, including in global computer networks;
- LO8**- analyze modern information in the field of biology and consistently, competently formulates and expresses his thoughts in his native language, has the skills of oral and written speech in Kazakh (Russian), foreign languages for working with scientific texts and public speeches.