



PASSPORT OF THE EDUCATIONAL PROGRAM

• 7M01513 - Biology

OBJECTIVES OF THE EDUCATIONAL PROGRAM

Training of teaching staff in biology, possessing modern meta-subject, communicative, digital, competencies capable of creatively and professionally solving socially significant tasks in the pedagogical field of activity at the modern scientific and practical level, as well as possessing 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)

LO 1 – to set and solve tasks in the field of their professional competence and be able to identify factors, influencing the development of various branches of biology;

LO 2 –possess the skills of theoretical and methodological analysis, be able to use forecasting and planning methods in practice, also be able to synthesize specialty knowledge and interdisciplinary knowledge to solve research and practical problems;

LO 3 – critically assess strategic external and internal factors affecting the current state of biological education and have the ability to generate new ideas;

LO 4 –understands the principles of organizing pedagogical research, ways to achieve and build professional knowledge;

LO 5 –is able to model the educational process and implement it in the practice of teaching;

LO 6 –conduct research on the organization of the educational process;

LO 7 –uses basic methods, methods and means of obtaining, storing, processing information; has computer skills, including in global computer networks;

LO 8 – analyze modern information in the field of biology and consistently, competently formulates and expresses his thoughts in his native language, has oral and written speech skills in Kazakh (Russian), foreign languages for working with scientific texts and public speaking.