



PASSPORT OF THE EDUCATIONAL PROGRAM

- 7M01510 -Chemistry

OBJECTIVES OF THE EDUCATIONAL PROGRAM

Preparation of masters with deep knowledge in the modern chemical field, able to formulate modern scientific problems and successfully carry out social and pedagogical activities in accordance with the highest academic standards in a competitive educational environment

FIELD OF PROFESSIONAL ACTIVITY

Carries out his professional activity in the field of education and in research activities

LEARNING OUTCOMES (LO)

LO1 – professionally and critically assesses strategic external and internal factors and is able to identify factors that affect various chemical processes;

LO2 – demonstrates the skills of theoretical and methodological analysis, to be able to use in practice the methods of forecasting and planning, as well as to be able to synthesize knowledge in the specialty and interdisciplinary knowledge to solve research and practical problems;

LO3 – summarizes fundamental research and scientific and practical innovative developments aimed at the systematic solution of problems in various fields of education;

LO4 – applies computer modeling techniques and methods of theoretical analysis of research results; analyzes information and competently formulates relevant conclusions and conclusions in the state, Russian and foreign languages;

LO5 – scientifically interprets trends in the development of chemical science, taking into account the development of scientific and technological progress, international practice;

LO6 – makes creative decisions, is tolerant and is capable of pedagogical cooperation;

LO7 – systematizes new conceptual ideas and directions for the development of pedagogical science in the context of the modern educational paradigm;

LO8 – uses an innovative style of scientific and pedagogical thinking and a holistic perception of pedagogical reality;