



# PASSPORT OF THE EDUCATIONAL PROGRAM

## • 8D01510-Chemistry

### OBJECTIVES OF THE EDUCATIONAL PROGRAM

Preparation of competitive, competent researchers, PhD doctors with professional and scientific competencies in the field of chemical sciences and capable of self-education and professional development throughout life

### FIELD OF PROFESSIONAL ACTIVITY

Upbringing and education, as well as scientific research, government regulation, associated with the education

## LEARNING OUTCOMES (LO)

**LO1** – systematizes modern methods of scientific research in the field of chemistry and builds new goals and achieves new results;

**LO2** – conducts scientific research in compliance with all the principles of academic ethics and is aware of personal responsibility for the goals, means, and results of pedagogical work;

**LO3** – structures and combines knowledge from various fields of professional activity and creatively uses and develops it in solving professional tasks;

**LO4** – summarizes the interdisciplinary connections of the studied disciplines and understand their significance for future professional activity;

**LO5** – actively applying computer skills as a means of obtaining, processing and managing information;

**LO6** – uses the skills of theoretical and methodological analysis, applies forecasting and planning methods in practice, and synthesizes knowledge and interdisciplinary knowledge in the specialty for research and solving practical problems;

**LO7** – builds its educational trajectory throughout life for self-development and professional growth;

**LO8** – demonstrates an innovative style of scientific and pedagogical thinking and a holistic perception of pedagogical truth;