

<b>Educational program</b>	<b>«6B01504 Preparation of chemistry teachers»</b>
<b>EP purpose</b>	Training of competitive scientific and pedagogical personnel with high social and civic responsibility, capable of carrying out professional activities, capable of proving and solving problems of public interest in the field of chemistry
	<p><b>ON 1</b> To solve real communicative tasks in professional speech situations by linguistic means, to use terms in their professional activities</p> <p><b>ON 2</b> To represent the essence of managerial activity in education, the development of inclusive education in the country, to distinguish between psychological processes, pedagogical schools, to analyze the structure and content of the State mandatory Standard of Education of the Republic of Kazakhstan and curricula; to plan work taking into account the content, principles, forms, methods, means of education and upbringing in the conditions of the updated content of education and distance learning.</p> <p><b>ON 3</b> Formulate a holistic worldview of culture, religion, human life, linking the diversity of the modern world.</p> <p><b>ON 4</b> To reveal the theoretical foundations of chemical and biological laws of the development and functioning of natural systems;</p> <p><b>ON 5</b> To reveal the theoretical foundations of chemical laws of development and functioning of natural systems;</p> <p><b>ON 6</b> To use and apply the acquired knowledge in the implementation of professional competencies in practice on the basic and applied aspects of chemistry;</p> <p><b>ON 7</b> Analyze and evaluate the tasks set, demonstrate the independent organization of the educational process, using current teaching methods and technologies.</p> <p><b>ON 8</b> Consider the chemical foundations of environmental phenomena and processes of formation of the composition of chemical properties of environmental objects, apply theoretical knowledge on the use of chemical reagents in technological processes;</p> <p><b>ON 9</b> Solve problems of increased complexity from basic chemistry courses (inorganic, analytical, organic, physical and quantum chemistry, chemical technology, chemistry of high-molecular compounds), apply the acquired skills in the educational process in the conditions of an updated secondary education;</p> <p><b>ON 10</b> Demonstrate innovative technologies in teaching chemistry, developing students' chemical thinking, holistic natural-scientific worldview. Demonstrate innovative technologies in teaching chemistry, developing students' chemical thinking, holistic natural-scientific worldview.</p> <p><b>ON 11</b> Carry out laboratory work with chemical reagents and physical installations in compliance with safety standards (TB) and occupational safety requirements (OT) in laboratory conditions</p>
<b>EP type</b>	Current EP
<b>Level on NQF</b>	6
<b>Level on IQF</b>	6
<b>The awarded academic degree</b>	Bachelor of education in the educational program «6B01504 Preparation of chemistry teachers»
<b>Period of study</b>	4
<b>Volume of the credits</b>	240
<b>Name of professional standard</b>	Teacher
<b>Date of approval EP on the Academic Council</b>	10-04-2023