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Registration data

Application type	Updating of EP in the Registry	Status	Approved
Date of getting the status	12.09.2025 17:28	Sent to rework by the expert (count)	0
Sender	6772	Registration number	6B01500223

[Educational program passp](#)

Higher and Postgraduate Educational Programs

☐ Project EP ☐ Participant of project EP

Field of education *

6B01 Pedagogical sciences

☐ Interdisciplinary EP

Direction of personnel training *

6B015 Training of teachers in Natural science subjects

Group of educational programs *

B012 Teacher training in chemistry

Educational program *

6B01506 Chemistry

Curriculum *

Химия (бакалавриат)

Kazakh language

Russian language

English language

EP purpose *

Training of highly qualified, competitive teaching staff, with broad fundamental knowledge to solve professional p chemistry, who own modern methods of teaching chemistry in accordance with the updated curriculum.

EP type *

Acting EP

Level on NQF *

6

Level on SQF *

6

EP distinctive features

No

Degree to be conferred *

Bachelor

Period of study *

4 ▾

Volume of the credits *

240

Language of education *



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English

Professional Standard for EP *

Exists

+ Add

Nº	Name of professional standard
1	Professional standards for teachers of educational organizations

Professional standards (career standards)

Professional standard has been used at developing EP

Date of approval EP on the Academic Council *

15-04-2025



☒Existence of the annex to the license for the direction of personnel training

The license number on the direction of training *

KZ49LAM00007465

☐The training format is online

☒EP accreditation existence

Atlas of new professions *

Қарастырылмаған

Regional standard *

Қарастырылмаған

The formed educational outcomes

Nº	Educational outcome
1	In Kazakh In Russian In English Кәсіби қызметтің ғылыми міндеттерін шешу үшін қазақ/орыс және шет тілдерінде ауызша және жазбаша нысандағы коммуникацияны ұйымдастыру.
2	In Kazakh In Russian In English Физикалық және коллоидтық химия есептерін шешуде жүйелік ойлау және сыни көзқарас негізінде химиялық кинетика және катализ негіздері туралы білімді тәжірибеде қолдану;
3	In Kazakh In Russian In English Физика-химиялық талдау жүргізу, зертханалық, зерттеу жұмыстары барысында алынған эксперименттік деректерді түсіндіру кезінде пайымдаулар қалыптастыру және оларды тиісті
4	In Kazakh In Russian In English Химияның теориялық негіздері туралы алған білімдерін одан әрі оқуды өз бетінше жалғастыруда және кәсіби қызметте қолдану үшін пайдалану.

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ЕДИНАЯ ПЛАТФОРМА
ВЫСШЕГО ОБРАЗОВАНИЯ

English

	In KazakhIn RussianIn English Өнеркәсіптік нысандардың қоршаған ортаға әсерін және жаһандық экологиялық проблемалардың қоғамның дамуына әсерін бағалау.
	In KazakhIn RussianIn English Органикалық химияның теориялық негіздерін, органикалық қосылыстардың жіктелуін, органикалық реакциялар механизмдерін түсіндіру; көмірсутектердің функционалды
	In KazakhIn RussianIn English Құқықтық, экономикалық, кәсіпкерлік, өндірістік, экологиялық ортада, сондай-ақ қаржылық сауаттылық, инклюзия құндылықтары, тұрақты даму және сыбайлас жемқорлыққа қарсы
	In KazakhIn RussianIn English Жоғары молекулалық қосылыстардың химиясы мен биохимиядан білімдер негізінде биологиялық молекулалар мен жоғары молекулалық қосылыстарға сапалық және сандық
	In KazakhIn RussianIn English Инновациялық педагогикалық әдістерді, соның ішінде цифрлық технологияларды, критериалды бағалауды және қашықтықтан оқытуды пайдалана отырып, қысқа мерзімді және ұзақ мерзімді
	In KazakhIn RussianIn English Периодтық заңнан және элементтердің периодтық жүйесінен туындайтын заңдылықтар негізінде заттардың құрылымы мен қасиеттерін сипаттауды меңгеру.
	In KazakhIn RussianIn English Бейорганикалық және органикалық заттарды синтездеудің технологиялық сызбаларының физика-химиялық принциптерін, химиялық өндірістің тиімділік критерийлерін қолдану.
	In KazakhIn RussianIn English Оқушылардың даму үдерістерінің физиологиялық және функционалдық ерекшеліктері мен жеке білім беру қажеттіліктерін ескере отырып, орта білім берудің оқу үдерісін ұйымдастыру.

Data on disciplines								
Nº	Name of discipline	Short description of discipline	Cycle	Component	Credits			
						ON1	CR	ON:
1	Methods of scientific research	The goal is to form knowledge about the principles, technologies, practical methods and techniques of conducting scientific research based on modern achievements of scientists. Forms the basic foundations of scientific culture and ethics, flexible perception of scientific texts, skills of effective application of acquired knowledge in planning and organizing research work, the ability to analyze and summarize research results.	GED	EC	5	☒	Norm	☐



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2	Ilyastanu	The purpose of the discipline is to develop a deep-thinking personality with high aesthetic taste, appreciating literature, art, traditions, culture and language of the Kazakh people through a deep and comprehensive study of the works of Ilyas Zhansugurov. Forms an understanding of the importance of the works of Ilyas Zhansugurov in the development of the Kazakh literary language; skills of intellectual and creative thinking, the ability to cherish the values of national and spiritual heritage.	GED	EC	5	☐	☐
3	Fundamentals of Financial Literacy	The course "Fundamentals of Financial Literacy" is aimed at gaining knowledge and skills in the field of personal finance management. Also, as part of the course, students will learn how to use in practice all kinds of tools in the field of finance, save and increase savings, plan a budget competently, learn how to analyze financial information and navigate financial products to choose an adequate investment strategy.	GED	EC	5	☐	☐
4	Basics of law and anti-corruption culture	The objective is to familiarize students with the fundamental branches and institutions of law, the foundations of anti-corruption culture, as well as the patterns of emergence, development, and functioning of the state and law. The course cultivates anti-corruption awareness and a high level of theoretical knowledge concerning the primary functions of law within the state and society, its impact on the development of the rule of law and civil society, and the value of inclusion as an integral component of a just and equitable legal order. Particular emphasis is placed on fostering students' understanding of the importance of human rights for all individuals, regardless of their social, cultural, physical, or other characteristics.	GED	EC	5	☐	☐

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5	Ecology and life safety basics	Purpose – the goal is to develop knowledge of the fundamentals of ecology, sustainable development, and life safety, enabling the analysis of ecological processes, the assessment of the socio-environmental consequences of anthropogenic activities, the assurance of environmental safety, and the application of methods and technologies for protection in emergency situations. Develops the ability to assess the impact of environmental factors on human health; to forecast ecological processes for planning and implementing measures aimed at enhancing life safety and ensuring environmental security; and to make informed decisions in adverse environmental and emergency situations, taking into account the potential consequences of accidents, disasters, and natural hazards within the framework of sustainable development principles.	GED	EC	5	☐	☐
6	Economics and entrepreneurship	Objective – to familiarize students with the economic challenges of modern society, develop economic thinking, and provide knowledge of the theoretical foundations and practical skills in the field of entrepreneurship. The program is aimed at forming a comprehensive understanding of the functioning of the economy, while delivering business education focused on acquiring applied competencies in various areas of entrepreneurial activity. Special attention is given to issues of sustainable development, efficient resource use, and the implementation of lean production principles as key elements of effective and environmentally responsible business practices. The course also explores the specifics of creating and successfully managing a business, taking into account modern requirements for environmental and social responsibility in entrepreneurship.	GED	EC	5	☐	☐

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7	Criterion estimation technology	Covers modern assessment technologies learning outcomes (monitoring, rating, portfolio, criteria assessment, testing, independent assessment), methodological and theoretical foundations of test control, the procedure for organizing and conducting a unified national test. Forms students' creative approach to organization quality control of education, the development of professional skills related to the setting of goals, the selection of the content of the material for checking students' knowledge, choosing methods, forms and means of assessing learning outcomes, developing test items.	BD	UC	4	☐		☐
8	Theoretical foundations of inorganic chemistry	He studies the atomic-molecular theory, is able to use the basic concepts of inorganic chemistry and stoichiometric laws, the periodic law of D.I.Mendeleev. He knows the classification and nomenclature of inorganic compounds. The structure of the atom. Chemical bond Energy and chemical processes. The rate of chemical reactions. Chemical equilibrium. Solutions. Theory of electrolytic dissociation. Redox Reactions. Electrode processes.	BD	UC	5	☐		☐
9	Inclusive education	Examines the theoretical foundations of the organization of inclusive education, historical aspects of the development of inclusion, inclusive education model. Studies technologies of inclusive education, drawing up an individual educational route, planning of educational process taking into account special educational needs of children, the organization of tutor practice in the conditions of inclusive education	BD	UC	5	☐		☐
10	Physiology of school children development	Examines the General patterns of age-related features of growth and development of children and adolescents, the formation of their physiological functions. Studies the interaction of the child with the environment, hygiene standards and requirements aimed at the protection and promotion of health, harmonious development and improvement of the functionality of the body of children and adolescents	BD	UC	5	☐		☐



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11	Chemistry of functional derivatives of organic molecules	Has knowledge of the main classes of functional derivatives of hydrocarbons, their structure, chemical properties, has the skills to synthesize them. It studies the specific properties of functional derivatives in the series of monofunctional, bifunctional and polyfunctional derivatives: methods of preparation, physical and chemical properties, features of the electronic structure, isomerism, tautomerism, basic reaction mechanisms for each class of derivatives.	BD	UC	5	☐		☐
12	Theoretical Foundations of Organic Chemistry	Owns the electronic theory of chemical bonding, the theory of the direction of valences, the theory of electronic displacements. Studies the theory of the chemical structure of organic substances by A.M.Butlerov, the phenomenon of isomerism. Able to classify organic compounds: Alkanes. Alkenes. Alkines. Halogenated alkanes. Alkanols. Polyatomic alcohols. Ethers. Thiospirits and thioethers. Nitro compounds and aliphatic amines. Aldehydes and ketones. Monocarboxylic acids. Carboxylic acid derivatives. Organometallic compounds. Compounds with two or more functions of dicarboxylic acids.	BD	UC	6	☐		☐
13	Pedagogy	Considers the latest methods and technologies of teaching in the framework of the updated content of secondary education. Studies methods of scientific analysis, forecasting, planning and management of the pedagogical process.Forms theoretical ideas about pedagogy as a branch of humanitarian knowledge and interaction of subjects of educational process	BD	UC	5	☐		☐
14	Chemistry of the elements of the periodic system	He studies the elements of the main subgroups in the periodic system (s- and p-elements), the elements of the main subgroup VII, VI, V, IV, III, II, VIII groups. General properties and methods for producing metals. General characteristics of the properties of the elements of the main subgroups of the periodic system D.I. Mendeleev. Elements of a secondary subgroup VII, VI, V, IV, III, II, I, VIII. Elements of the f-family (lanthanides and actinides). Knows the physical and chemical properties of the elements of the periodic system and their compounds, methods of obtaining them in the laboratory and at work, their use	BD	UC	7	☐		☐

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15	Quantitative analysis	Studies the metrological foundations of analytical chemistry, volumetric analysis, chromatographic analysis methods. Spectroscopic analysis methods. Atomic optical spectroscopy methods. Atomic X-ray spectroscopy methods. Methods of molecular optical spectroscopy. Methods of vibrational spectroscopy. Molecular luminescence spectroscopy. Electrochemical methods of analysis Chromatographic methods of analysis.	BD	UC	6	☐	☐
16	Qualitative analysis	Knows methods of identification, separation and detection of substances (qualitative analysis and its role in the development of natural science). Possesses the analytical characteristics of reactions: specificity, sensitivity, detection limit. Describes the dependence of the detection limit on the reaction conditions, the concept of analytical reagents and their classification. Systematizes the separation of ions into analytical groups: hydrogen sulfide and hydrogen sulfide classifications (ammonia-phosphate and acid-base). Clarifies the connection between the division into groups and the electronic structure of atoms.	BD	UC	6	☐	☐
17	Chemistry of rare elements	Knows the position of rare elements in the periodic table of elements of D.I. Mendeleev, their common comparative characteristics, distribution in nature, physical and chemical properties. Analyzes rare elements and their compounds, calculates the concentration of solutions of compounds of rare elements, determines the content of components. Explains the use of rare elements in various fields of science, technology and technology.	BD	UC	5	☐	☐
18	Theory and methods of educational work	Examines the methods of organization of educational work and describes the laws, the essence and content of the processes of education, studying the features and principles of education within the updated content of secondary education. It is aimed at forming the interest of the future teacher for further pedagogical self-education and professional self-improvement	BD	UC	5	☐	☐



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19	Physical chemistry	Knows the basic principles of the structure of chemical particles, the most important characteristics of the chemical, electronic and spatial structure of stable compounds and intermediates in chemical reactions of various types, the nature of intermolecular interactions. Is able to identify the basic principles of the structure of chemical particles, the relationship between different aspects of the chemical, electronic and spatial structure of compounds; to navigate the peculiarities of the chemical behavior of various types and classes of chemical compounds, due to their structure.Powers the skills of analyzing and establishing the nature of the structure on the basis of a set of data on the physical and chemical properties of a substance obtained by experimental and theoretical methods.	BD	UC	5	☐	☒
20	Low-waste and waste-free chemical technologies	He knows the impact of anthropogenic systems on the environment, the types of anthropogenic impacts on the biosphere and their environmental consequences, ways of solving environmental problems, the principles of creating technological schemes, water, air and soil purification equipment. Able to give an environmental assessment of various natural and industrial sites, to assess the degree of contamination of environments, the efficiency of the equipment. Owns the principles and methods of environmental assessment of production technology.	BD	EC	5	☐	☐
21	Surface phenomena and disperse systems	Knows the theoretical foundations of the formation and destruction of dispersed systems, colloidal-chemical properties; owns methods for studying dispersed systems and has practical skills in working with appropriate laboratory equipment; knows how to use the acquired knowledge and practical skills for selection of optimal technological modes of equipment operation.	BD	EC	4	☐	☒
22	Bioorganic chemistry	Studies the relationship between the structure of organic substances and their biological functions. The objects of study are biologically important natural and synthetic compounds such as biopolymers, vitamins, hormones, antibiotics, pheromones, signaling substances, biologically active substances of plant origin, as well as synthetic regulators of biological processes (drugs, etc.).	BD	EC	5	☐	☐

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23	Digital technologies in education	Able to use software for processing audio and video information. In organizing the educational process using distance learning technologies, he is able to organize video conferences and knows how to use (Skype, Discord, MOODLE, ZOOM, Google Classroom, Microsoft Teams, Hangouts, Cisco WebEx Meetings, etc.) platforms.	BD	EC	5	☐	☐
24	Fundamentals of artificial intelligence	The discipline is aimed at studying the basic concepts, methods and algorithms that underlie the creation and application of artificial intelligence. As part of this course, students will learn the theoretical foundations of machine learning, neural networks, natural language processing algorithms, and computer vision. They will also get acquainted with the ethical, social and legal aspects of the application of artificial intelligence in various areas of life.	BD	EC	5	☐	☐
25	Chemistry of high-molecular compound (ChHNC)	Has an idea of the current level of polymer chemistry, the variety of practical applications of polymer materials, the main polymerization and polycondensation processes. He knows the methods of obtaining polymers, initiators and catalysts of synthesis of IUDs, the conditions of formation of the structure of polymers, the main types of chemical transformations of polymers, the classical theory of polymer solutions;	BD	EC	7	☐	☐
26	Structure of matter	Knows the basic principles of the structure of chemical particles, the most important characteristics of the chemical, electronic and spatial structure of stable compounds and intermediates in chemical reactions of various types, the nature of intermolecular interactions. Is able to identify the basic principles of the structure of chemical particles, the relationship between different aspects of the chemical, electronic and spatial structure of compounds; to navigate the peculiarities of the chemical behavior of various types and classes of chemical compounds, due to their structure.Powers the skills of analyzing and establishing the nature of the structure on the basis of a set of data on the physical and chemical properties of a substance obtained by experimental and theoretical methods.	BD	EC	5	☐	☐

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	27	Chemistry of complex compounds	Knows the basic concepts of the chemistry of complex compounds, chemical bonding in complex compounds. Has knowledge of the complexing ability of the elements of periodic systems and main classes of coordination compounds. Describes the principles of synthesis and reaction of complex compounds. Applies thermodynamics of coordination compounds, theory of ionic equilibria in the application to the chemistry of complex compounds. Arguments the factors influencing the stability of complex particles. Possesses the skills of analyzing complex compounds.	BD	EC	5	☐	☐
	28	Colloidal chemistry	Knows the problems of colloidal chemistry, the foundations of modern ideas about the dispersed state of bodies and the special properties of surface layers and dispersed systems, including molecular-kinetic, optical, electrical, mechanical (rheological) properties; the importance of surface phenomena for the optimization and intensification of technological processes in industry and agriculture. to navigate in the conditions of the appearance of dispersed phases, their stability and special properties, as well as the development of heterogeneous structures with different by their nature interfacial interfaces. Owns: practical experimental skills to study the special properties of dispersed systems.	BD	EC	4	☐	☒
	29	Crystal chemistry	Knows the properties of single crystals, the law of constancy of angles, elements and operations of symmetry, coordinate systems of crystals. Describes syngonies and categories; the concept of a crystal lattice, elements of symmetry of spatial lattices. Examines the basics of X-ray crystal analysis, classification of crystal structures, crystal chemistry of ternary inorganic compounds; crystal chemistry of organic compounds; crystal chemistry of complex chemical compounds (crystal hydrates, complex, organometallic, clathrate and cluster compounds).	BD	EC	5	☐	☐



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30	Fundamentals of applied behavior analysis	Course goal — to develop the ability, grounded in Applied Behavior Analysis (ABA), to critically analyze data-based functions of behavior; design and implement individualized interventions in inclusive educational settings; and evaluate their effectiveness, safety, and ethical soundness. Develops skills to: operationalize behavior; collect and analyze data (incl. ABC); identify behavioral functions; design and apply behavior support plans; teach functionally equivalent alternative behavior; manage crisis situations; and assess outcomes.	BD	EC	5	☐	☐
31	Environmental chemistry	He knows the goals and objectives of environmental chemistry, the solution of its tasks at all levels of modern ecological analysis, the migration of toxicants in the lithosphere- soil - plant-animal system. He is able to predict the consequences of changes in the chemical composition of the lower atmosphere, hydrosphere and upper lithosphere for the living matter of the biosphere; choose the necessary method of analysis of a natural object. Owns methods of environmental quality control.	BD	EC	5	☐	☐
32	Natural and synthetic polymers	Knows the structure of natural and synthetic polymers and its influence on their properties, modern methods of polymer research. Knows how to apply the knowledge gained to develop methods for the synthesis of polymers; use practical skills to study the chemical structure of polymers, their physicochemical and physicomechanical properties. Examines the foundations of the science of polymers, since the development of science and technology is currently unthinkable without the use of polymers, which are used in almost all sectors of the national economy.	BD	EC	7	☐	☐
33	Chemistry of natural compounds	Knows the structure, structure and properties of the most important natural compounds, their components, methodological aspects of synthesis and structural analysis; patterns chemical behavior at the molecular and cellular levels of biologically important molecules in relation to their structure; Examines the processes taking place in living organism at the molecular and cellular level from the standpoint of the relationship between the structure of the compound and the mechanism of its biological functioning, i.e. establish a structure-function relationship.	BD	EC	5	☐	☐



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34	Physicochemical research methods	Examines parameters such as current potential, amount of electricity, intensity of light emission or absorption, etc.) when carrying out a chemical reaction. Physical methods are methods in the implementation of which an analytical signal of some physical properties (nuclear, spectral, optical) is recorded without carrying out a chemical reaction.	BD	EC	5	☐		☐
35	Chemical ecology	Studies the chemical composition and properties of the lithosphere, atmosphere, hydrosphere and soil cover, environmental pollution by the main classes of ecotoxicants. Analyzes the results of studying patterns the spread of toxic substances in the environment, as well as the mechanisms of their effect on living organisms. Able to organize measures to prevent them	BD	EC	5	☐		☐
36	Electrochemical research methods	Considers a set of methods of qualitative and quantitative analysis based on electrochemical phenomena occurring in the medium under study or at the interface and associated with a change in the structure, chemical composition or concentration of the analyte.	BD	EC	5	☐		☐
37	Biochemistry	Studies of modern methods of biochemistry, chemical composition of organisms, protein structure, structure and function of enzymes. The mechanism of action of enzymes. Activators and inhibitors of enzymes. Enzyme nomenclature. Kinetics of enzymatic reactions. Coenzymes, vitamins and some other biological active compounds. Fat-soluble, water-soluble vitamins. Nucleic acids. Characteristics of nitrogenous bases.	PD	UC	6	☐		☐
38	Chemical synthesis	Knows the safety regulations for the synthesis of inorganic substances and the handling of chemical materials; Able to use theoretical knowledge of thermodynamics, chemical kinetics, the theory of solutions in explaining practical methods for producing chemical compounds; assemble a plant for the synthesis of substances; to make a material balance of the process of synthesis of a substance, to determine the practical yield of the product; Owns the skills of independent work with scientific and technical literature, the skills of calculating the direction of solid-phase reactions and fusion reactions in a homogeneous environment;	PD	UC	6	☐		☐



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39	Chemical technology	Knows theoretical fundamentals of chemical technology (physical and chemical foundations of chemical processes, micro- and macrokinetics, criterion equations, calculation of chemical reactors). Owns the main components of chemical and technological processes (raw materials, energy, catalysis, equipment, hydromechanical, thermal and mass transfer processes), and also considers, on this basis, specific technologies for the production of some of the most important chemical products (sulfuric, nitric and phosphoric acids, ammonia, urea, ethylene , polymer materials). Understands the main directions and patterns of chemical technological processes, knows how to own the equipment for carrying out simple technological processes.	PD	UC	6	☐	☐
40	Methodology for solving tasks in inorganic chemistry	Knows the structure, content, goals and objectives of the updated educational program in secondary schools and can use it in solving problems of inorganic chemistry. Mastering the skills and methods of solving problems at different levels of inorganic chemistry, knowledge of the genetic relationship and the theoretical basis between classes of inorganic compounds.	PD	EC	6	☐	☐
41	Methodology and technology of distance education	Considered methodological issues of distance learning and e-learning methods, examines the features of the organization of the educational process using remote educational technologies, taking into account the achievements of science, modern educational practice and advanced pedagogical experience.	PD	EC	5	☐	☐
42	Innovative approaches to learning and teaching	Knows patterns the emergence and development of pedagogical innovations in relation to the subjects of education, as well as ensuring the connection between pedagogical traditions and the design of future education. Owns the innovative development of the educational system, active improvement of technologies and tools of innovative management and marketing, improvement learning technologies. Knows how to use modern pedagogical technologies for teaching chemistry in secondary school.	PD	EC	5	☐	☐



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43	Methodology for decision tasks in organic chemistry	Knows the structure, content, goals and objectives of the updated educational program in secondary schools and can use it in solving problems in organic chemistry. Mastering the skills and methods of solving problems of different levels of organic chemistry, knowledge of the theoretical foundations and genetic relationships between classes of organic compounds	PD	EC	7	☐		☐
44	Methodology for conducting a chemical experiment in middle school	Examines the functions and forms of school chemistry experiments and the requirements for educational equipment designed for setting up chemical experiments. Knows the content, structure, goals and objectives of a chemical experiment in high school. Working with chemical utensils and equipment, he is able to calculate the quantitative and qualitative quantities of reagents, and he observes safety rules.	PD	EC	6	☐		☐
45	Teaching structural and substantive sections of chemistry in	During the course, pre-service teacher develop their professional competences as a chemistry teacher in the field of implementing the requirements of the mandatory educational state standard of the Republic of Kazakhstan to the content and structure of chemical education, as well as the basic principles of its formation and conditions of implementation. During the course, pre-service teachers explore through activity-based and personality-developing approaches, the challenges of implementing chemical education in secondary schools, selecting and structuring educational content within the framework of the methodology of standardization of general education.	PD	EC	5	☐		☐
46	Methodology for decision tasks of increased complexity in chemistry	Knows the general methodological requirements for the solution and design of chemical problems. Be able to analyze tasks. Knows the methodology for solving problems of increased complexity of students in an in-depth secondary school curriculum. Knows ways to solve problems of different types	PD	EC	7	☐		☐
47	Methodology teaching Chemistry	Considers priority substantive aspects of the organization of the process of teaching chemistry and includes the basics of updated methodological knowledge, taking into account the structure, content, goals and objectives of the updated educational program of secondary schools. Studies and summarizes the experience of advanced teachers-chemists.	PD	EC	5	☐		☐

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	State	Status assignment date and time	General expert op
1	Expertise	12.09.2025 17:28	обновить

Basis for updating of EP *

Изменение лицензии, исключен ПС Педагог, утративший силу. Добавили новую дисциплину "Основы прикладного поведения".