

EDUCATIONAL PROGRAMS: 6B01304 – PRIMARY EDUCATION IN ENGLISH

1. OPTIONAL COMPONENTS OF THE CYCLE OF GENERAL COURSES

Optional component 1

Course: Fundamentals of Legal Literacy and Anti-Corruption culture

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: Basics Law (school cours)

Purpose: formation of a legally competent, law-abiding person who knows his rights and duties, intolerant of any manifestations of corruption.

Short Description: The discipline is a comprehensive course aimed at developing students' basic knowledge of law and sustainable skills in anti-corruption behavior. It is intended to lay the foundation for understanding the role of law in modern society, the principles of legality, the basic rights and duties of citizens, as well as to form an intolerant attitude towards corruption in all its manifestations. The discipline "Fundamentals of legal literacy and anti-corruption culture" plays an important role in the formation of legal awareness and anti-corruption resilience of individuals, which is a prerequisite for building a rule-of-law state and a healthy civil society.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 2 - Demonstrates advanced critical and creative thinking skills for solving professional tasks and achieving sustainable development goals and is capable of self-regulation and reflection.

LOP 3 - Demonstrates knowledge of ethical and legal standards in conducting research and ensures the secure use and protection of data when working with digital technologies and artificial intelligence tools.

Learning Outcomes in Course (LOC):

LOC 1 - To know the importance and role of legal culture in the life of society, its relationship with the political culture of the individual and the main definitions of corruption;

LOC 2 - Analyze the main obstacles on the way to ensuring the inalienable human rights; the role of human rights in personal life and in the life of society;

LOC 3 - Apply the acquired knowledge in political analysis, in the activities of public authorities, political and public organizations, analyze problems related to corruption and countering it;

LOC 4 - Be able to engage in dialogue as a way of relating to legal culture and society.

Post requisites: no

Optional component 1

Course: Fundamentals of Ecology and Safe life

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: Biology, Geography (school program)

Purpose: Preserving the stability of life, by analyzing environmental processes, forming priority areas and setting specific tasks for the conservation of nature.

Short Description: The discipline forms students' modern environmental education and culture, develops skills in applying methods to improve the safety of technical means and technological processes for safe life. Reveals the basic laws of the functioning of ecosystems of various levels of organization, the biosphere, the contradictions that arise in the relationship between man and nature, as well as the need for respect for nature and ecology.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 2 - Demonstrates advanced critical and creative thinking skills for solving professional tasks and achieving sustainable development goals and is capable of self-regulation and reflection.

LOP 3 - Demonstrates knowledge of ethical and legal standards in conducting research and ensures the secure use and protection of data when working with digital technologies and artificial intelligence tools.

Learning Outcomes in Course (LOC):

LOC 1 – Knows the terms and concepts that define the main signs and features of ecosystems.

LOC 2 Has an understanding of the complex relationships that occur in nature, as well as between society and nature.

LOC 3 - Can provide an environmental assessment of the situation in the region and promote knowledge gained from work in all areas of its activities.

LOC 4 - Can analyze the main legislative documents on environmental safety and modern environmental issues.

Post requisites: no

Optional component 1

Course: Fundamentals of Economics and Entrepreneurship

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: Fundamentals of Entrepreneurship and business (school course)

Purpose: familiarization of students with the basics of economics and entrepreneurship, mastering the conceptual apparatus and basic forms of doing business.

Short Description: The discipline is an introductory course designed to provide students with basic knowledge and key competencies in the field of economic theory and entrepreneurship. It is aimed at understanding the fundamental economic laws, principles of functioning of a market economy, as well as at developing entrepreneurial thinking and practical skills necessary to create and run your own business. The discipline "Fundamentals of Economics and Entrepreneurship" lays the necessary foundation for further study of economic disciplines and can become a starting point for the development of students' entrepreneurial careers.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 2 - Demonstrates advanced critical and creative thinking skills for solving professional tasks and achieving sustainable development goals and is capable of self-regulation and reflection.

LOP 3 - Demonstrates knowledge of ethical and legal standards in conducting research and ensures the secure use and protection of data when working with digital technologies and artificial intelligence tools.

Learning Outcomes in Course (LOC):

LOC 1 - Know the basic concepts in the field of economics and entrepreneurship;

LOC 2 - Be able to find and use the necessary economic information; determine the organizational and legal forms of organizations;

LOC 3 - Determine the composition of the material, labor and financial resources of the organization;

LOC 4 - Evaluation of a business idea and development of a business plan.

Post requisites: no

Optional component 1

Course: Fundamentals of Leadership and receptivity to innovation

Intensity of the Course: 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: no

Purpose: in the process of studying the discipline, the student develops the skills of setting goals and objectives, timely planning of group work, problem solving, a sense of responsibility and effective communication.

Short Description: The course contributes to the disclosure and development of leadership qualities in the personality of each student, the development of innovative susceptibility skills in him, as a process of adaptation to innovations caused by innovative processes, as well as the use of the results of scientific and technical processes in his life and professional activities. Studies the current state and prospects for the development of leadership qualities and the human factor in management.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 2 - Demonstrates advanced critical and creative thinking skills for solving professional tasks and achieving sustainable development goals and is capable of self-regulation and reflection.

LOP 4 - Owns professionally significant personal qualities of a teacher-psychologist: innovative thinking and social intelligence; emotional and volitional stability, resistance to stress; benevolence, empathy and reflection, responsibility, determination, flexibility, self-confidence, ability to team building and team work.

Learning Outcomes in Course (LOC):

LOC 1 - Understands theoretical and applied research in the field of modern management achievements in Kazakhstan and abroad using modern scientific methods;

LOC 2 - Knows how to work effectively individually and in a team;

LOC 3 - Independently study and continuously improve their qualifications throughout the entire period of professional activity;

LOC 4 - Applies professional knowledge in the field of organizational and managerial activities.

Post requisites: no

Optional component 1

Course: Emotional Intellect

Intensity of the Course: 5 academic credits

Module Code: GES -1

Module Name: General educational subjects module

Prerequisites: no

Purpose: knowledge and ability to apply modern methods of diagnostics and development of emotional intelligence of students and soft skills, including in the format of distance learning.

Short Description: The discipline is aimed at mastering the role of a tutor by a teacher in the context of strategic guidelines and priority directions of the state educational policy of Kazakhstan. Students determine the place of emotional intelligence and "flexible competencies" in the educational process of a modern school. They apply modern methods and technologies of organizing educational activities, taking into account the development of flexible skills, including in the digital environment. They possess technologies for assessing and developing the emotional intelligence of students of different age groups.

Learning Outcomes in EP (LOP):

LOP 2 - Demonstrates advanced critical and creative thinking skills for solving professional tasks and achieving sustainable development goals and is capable of self-regulation and reflection.

LOP 4 - Owns professionally significant personal qualities of a teacher-psychologist: innovative thinking and social intelligence; emotional and volitional stability, resistance to stress; benevolence, empathy and reflection, responsibility, determination, flexibility, self-confidence, ability to team building and team work.

LOP 7 - Owns a scientific research procedure for experimental research work in the field of deviantology, extreme and crisis psychology, prevention of suicidal behavior of schoolchildren.

LOP 10 - Plans psychoprophylactic work aimed at preventing any possible trouble and ensuring the safety of mental and psychological health of the individual.

Learning Outcomes in Course (LOC):

LOC 1 - Modern methods and technologies of organizing educational activities taking into account the development of soft skills, diagnostics and evaluation of flexible skills, the formation of individual educational directions and methods of organizing group activities;

LOC 2 - Application of modern methods and technologies for organizing educational activities, taking into account the development of flexible skills, including in the digital environment;

LOC 3 - Flexible skills on the skillfolio platform have the ability to carry out complex diagnostics of soft skills, interpret the results and develop them both in individual and group forms of training.

Post requisites: no

Optional component 1

Course: Fundamentals of mathematical statistics

Intensity of the Course: 5 academic credits

Module Code: GES -1

Module Name: General educational subjects module

Prerequisites: Mathematics (school programme)

Purpose: is to familiarize students with the forms and laws of consistent thinking, to teach students to think consistently, to contribute to the development of skills of sound argumentation.

Short Description: The Purpose: of the discipline is to familiarize students with the forms and laws of consistent thinking, to teach students to think consistently, to contribute to the development of skills of sound argumentation; Students understand the process of collecting, processing data and transmitting ideas, develop skills in using quantitative and qualitative data analysis in assessing the state of the object or phenomenon in question.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 2 - Demonstrates advanced critical and creative thinking skills for solving professional tasks and achieving sustainable development goals and is capable of self-regulation and reflection.

LOP 5 - Has the skills to select and apply the necessary technologies to solve pedagogical and psychological problems of teaching and upbringing in the design of the educational process.

LOP 7 - Owns a scientific research procedure for experimental research work in the field of deviantology, extreme and crisis psychology, prevention of suicidal behavior of schoolchildren.

Learning Outcomes in Course (LOC):

LOC 1 - The student summarizes the results of pedagogical and scientific research and learns to process them mathematically.

LOC 2 - Learns to systematize, clarify and use statistical data using statistical and mathematical methods.
LOC 3 - Effectively uses Chi-square, SSPP and Jamovi applications that statistically process the collected numbers.

Post requisites: no

Optional component 1

Course: Financial Literacy

Intensity of the Course: 5 academic credits

Module Code: GES -1

Module Name: General educational subjects module

Prerequisites: no

Purpose: is to develop students' knowledge and practical skills in personal finance management, allowing them to make informed financial decisions and ensure their financial well-being.

Short Description: Improving the level of financial literacy will allow students to make rational financial decisions, solve emerging financial problems and detect financial fraud in a timely manner. The course "Fundamentals of Financial Literacy" is aimed at acquiring knowledge and skills in the field of personal finance management. During the course, students will learn how to use all kinds of financial tools in practice, save and increase savings, plan their budget competently, gain practical skills in calculating and paying taxes and correctly completing tax reports, learn how to analyze financial information and navigate financial products to choose an adequate investment strategy.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 2 - Demonstrates advanced critical and creative thinking skills for solving professional tasks and achieving sustainable development goals and is capable of self-regulation and reflection.

LOP 3 - Demonstrates knowledge of ethical and legal standards in conducting research and ensures the secure use and protection of data when working with digital technologies and artificial intelligence tools.

Learning Outcomes in Course (LOC):

LOC 1 - To know the basic financial concepts, the principles of financial markets, types of taxes, the basics of insurance, the possibilities of financial technologies.

LOC 2 - Be able to make a personal budget, analyze financial proposals, choose suitable financial products and services, make informed financial decisions, and protect your financial interests.

LOC 3 - Possess the skills of financial planning, investment, and risk management.

LOC 4 - Demonstrate financial literacy in everyday life, make responsible decisions in the field of finance.

Post requisites: no

Optional component 1

Course: Ecology and Sustainable Development

Intensity of the Course: 5 academic credits

Module Code: GES -1

Module Name: General educational subjects module

Prerequisites: Biology (school program)

Purpose: To develop students' environmental skills, address modern ecological issues, strengthen the relationship between society and nature, and enhance environmental awareness and responsibility for protecting the environment, thereby ensuring their formation as active and responsible citizens.

Short Description: The course Ecology and Sustainable Development aims to develop students' environmental skills, solve modern environmental problems, form ways to develop relationships between society and nature, increase students' awareness of the environment, and their responsibility for protecting it. As a result, students will learn how to maintain vital balance by analyzing environmental trends and identifying priority areas for conserving nature. They will also be able to identify the main directions of modern environmental policy and practical approaches to addressing environmental issues at the global, regional and local levels. In addition, students will gain knowledge of various tools for managing environmental quality that can be used to achieve sustainable development objectives.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 2 - Demonstrates advanced critical and creative thinking skills for solving professional tasks and achieving sustainable development goals and is capable of self-regulation and reflection.

LOP 3 - Demonstrates knowledge of ethical and legal standards in conducting research and ensures the secure use and protection of data when working with digital technologies and artificial intelligence tools.

Learning Outcomes in Course (LOC):

LOC 1 - Environmental Education and Skills: Students gain deep knowledge about environmental issues and principles of sustainable development, and acquire skills in environmental monitoring and data analysis.

LOC 2 - Environmental Responsibility and Activism: Students recognize their responsibility for protecting the environment and strive to actively participate in environmental initiatives, aiming to make changes in society.

LOC 3 - Understanding the Relationship between Society and Nature: Students comprehend the relationship between society and nature, develop environmental ethics and sustainable development strategies, enabling them to address social and environmental issues.

Post requisites: no

2. OPTIONAL COMPONENTS OF THE CYCLE OF MAJOR COURSES

Optional component 1

Course: Methods of teaching visual arts and handicrafts in primary school

Intensity of the Course: 5 academic credits

Module Code: RCPE - 4

Module Name: Research and creativity in primary education

Prerequisites: Primary school pedagogy

Purpose: Formation of knowledge and skills in the methodology of teaching fine arts and labor in primary school, as well as the development of students' creative abilities.

Short Description: The discipline is aimed at integrating visual arts and works of art, ensuring the development of creative abilities and artistic skills. It is aimed at teaching the organization of ways to develop the interests and creative abilities of elementary school students, as well as modeling lessons based on individual characteristics. Teaches artistic and creative education of younger schoolchildren through the process of drawing, modeling, and application.

Learning Outcomes in EP (LOP):

LOP 6 – Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 8 – Effectively plans the learning process considering educational theories and the fundamentals of pedagogy, organizes independent (individualized) learning, and applies the acquired knowledge to real-life situations.

Learning Outcomes in Course (LOC):

LOC 1 – Applies safety rules when performing creative tasks.

LOC 2- Applies knowledge of the principles of teaching the theory and practice of art.

LOC 3- Solves artistic and craft-related tasks by creating models using paper, fabric, and natural materials.

LOC 4- Selects teaching methods and didactic materials to develop the creative abilities of primary school students.

Post requisites: Pedagogical Practice

Optional component 1

Course: Art education in primary school

Intensity of the Course: 5 academic credits

Module Code: RCPE - 4

Module Name: Research and creativity in primary education

Prerequisites: Primary school pedagogy

Purpose: Organization of the training of future teachers in primary education through the integration of various art forms, the effective use of art technologies for pedagogical purposes, and the development of professional competencies aimed at supporting students' personal growth.

Short Description: Through this subject, students master the use of various types of art as a means of teaching primary school subjects, taking into account national and regional specifics, create conditions for the development of a child's independence, supporting his personal development, and also develop skills in compiling educational and methodological content using various types of art technologies based on studying the educational process of primary school and learning effectively use the learning process for the purpose of integration and differentiation.

Learning Outcomes in EP (LOP):

LOP 6 – Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 8 – Effectively plans the learning process considering educational theories and the fundamentals of pedagogy, organizes independent (individualized) learning, and applies the acquired knowledge to real-life situations.

Learning Outcomes in Course (LOC):

LOC 1 – Applies safety rules when performing creative tasks

LOC 2 – Applies knowledge of the principles of teaching the theory and practice of art.

LOC 3 – Solves artistic and craft-related tasks by creating models using paper, fabric, and natural materials.

LOC 4 – Selects teaching methods and didactic materials to develop the creative abilities of primary school students.

Post requisites: Pedagogical Practice

Optional component 2

Course: Development of research skills in primary school students

Intensity of the Course: 5 academic credits

Module Code: RCPE - 4

Module Name: Research and creativity in primary education

Prerequisites: Primary school pedagogy

Purpose: Formation of pedagogical competencies of future teachers aimed at developing the research and creative abilities of primary school students.

Short Description: The discipline teaches students how to organize creative and research activities, critically analyze and evaluate the results of various studies, and compile educational and methodological content for elementary schools. It offers ways to conduct joint research through teamwork, the use of research methods, and the effective organization of research-based learning in the learning process.

Learning Outcomes in EP (LOP):

LOP 2 - Possesses high-level critical and creative thinking skills to solve professional problems and achieve sustainable development goals, is capable of self-regulation and reflection.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 9 - Comprehensively evaluates the effectiveness of the teaching and upbringing processes, students' academic achievements, their research and project work, as well as the efficiency of the applied pedagogical and digital technologies.

Learning Outcomes in Course (LOC):

LOC 1 - Capable of independent learning, engages in reflection on their own practice, and is able to research it.

LOC 2 - Possesses creative and critical thinking, well-developed teamwork skills, and a high level of communication.

LOC 3 - A professional with deep subject knowledge, advanced digital competence, and a broad intellectual outlook.

Post requisites: Research, Development and Innovation

Optional component 2

Course: Project-based learning in primary school

Intensity of the Course: 5 academic credits

Module Code: RCPE - 4

Module Name: Research and creativity in primary education

Prerequisites: Primary school pedagogy

Purpose: Formation of students' knowledge of the fundamentals of project-based learning in primary school and the development of their skills in planning and implementing projects aimed at fostering pupils' research, creative, and critical thinking skills.

Short Description: The discipline teaches students how to create and manage individual and collective project activities, focusing on inclusive, integrated, and proactive approaches to learning based on the interests and abilities of younger students, helping them direct their research needs to create a creative product.

Learning Outcomes in EP (LOP):

LOP 2 - Possesses high-level critical and creative thinking skills to solve professional problems and achieve sustainable development goals, is capable of self-regulation and reflection.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 8 - Effectively plans the learning process considering educational theories and the fundamentals of pedagogy, organizes independent (individualized) learning, and applies the acquired knowledge to real-life situations.

Learning Outcomes in Course (LOC):

LOC- 1. Understands the theoretical foundations of project-based learning and describes the features of their application in primary school.

LOC -2. Plans projects taking into account students' age characteristics and develops their structure.

LOC-3. Implements projects, applies skills in evaluating results, and conducts reflection.

Post requisites: Research, Development and Innovation.

Optional component 3

Course: Preschool education

Intensity of the Course: 5 academic credits

Module Code: CFPE - 5

Module Name: Conceptual framework of primary education

Prerequisites: Psychology of preschool and primary school age

Purpose: The purpose of the discipline is the formation of professional competencies of future teachers aimed at the effective organization of the process of education and training in pre-school classes and preschool educational institutions.

Short Description: The discipline examines the features of the pre-school education system, the content and methods of organizing the process of education and training. It is focused on teaching the planning and implementation of the educational process, taking into account the peculiarities of the development of preschool children. It is aimed at creating an effective pedagogical environment in educational organizations, developing skills in applying modern teaching and upbringing methods.

Learning Outcomes in EP (LOP):

LOP 4 - Understands the patterns of psychological and physiological development of children, the essence of pedagogy and learning theories, as well as the relationship between the content of education and the specifics of the upbringing process.

LOP 8 - Effectively plans the learning process considering educational theories and the fundamentals of pedagogy, organizes independent (individualized) learning, and applies the acquired knowledge to real-life situations.

Learning Outcomes in Course (LOC):

LOC- 1. Explains the developmental characteristics of preschool children and organizes the educational process in accordance with them.

LOC -2. Applies effective methods and techniques aimed at developing children's cognitive, social, and language skills.

Post requisites: no

Optional component 3

Course: Functional literacy of senior preschool students

Intensity of the Course: 5 academic credits

Module Code: CFPE - 5

Module Name: Conceptual framework of primary education

Prerequisites: Psychology of preschool and primary school age

Purpose: The development of pedagogical knowledge and practical skills of future teachers aimed at the formation and development of functional literacy in preschool adults.

Short Description: The subject examines the features of the development of skills necessary for effective interaction of preschoolers with the external environment. The main components of functional literacy (reading, mathematical, socio-communicative and natural literacy) are presented. It is aimed at mastering the methods and methods of using pedagogical technologies that promote the development of cognitive activity, critical thinking, speech and cognitive competence of children during play and learning activities.

Learning Outcomes in EP (LOP):

LOP 3 - Demonstrates knowledge of ethical and legal norms in conducting research, ensures the safe use and protection of data when working with digital technologies and artificial intelligence tools.

LOP 4 - Understands the patterns of psychological and physiological development of children, the essence of pedagogy and learning theories, as well as the relationship between the content of education and the specifics of the upbringing process.

LOP 8 - Effectively plans the learning process considering educational theories and the fundamentals of pedagogy, organizes independent (individualized) learning, and applies the acquired knowledge to real-life situations.

Learning Outcomes in Course (LOC):

LOC- 1. Explains the essence of functional literacy in senior preschool children and characterizes its structural components.

LOC -2. Selects and applies effective methods and techniques aimed at developing children's linguistic, mathematical, social, and cognitive functional literacy.

LOC-3. Plans tasks and types of activities aimed at forming functional literacy in the educational process and evaluates their outcomes.

Post requisites: no

Optional component 4

Course: Children's Literature and Text Analysis

Intensity of the Course: 3 academic credits

Module Code: LECPS - 6

Module Name: Language education and communication in primary school

Prerequisites: no

Purpose: The development of methodological competencies aimed at forming a scientific understanding of children's literature, as well as developing skills in text analysis, interpretation, reading, and writing.

Short Description: The subject introduces genres of folk oral literature for children and methods of its use in the educational process. The stages of development of Russian and foreign children's literature, the features of modern children's literature, artistic and structural features are analyzed. Types of texts, their semantic structure, and creative methods of text interpretation stages. The international PIRLS study examines the features of assessing the quality of reading, understanding the text, and how it can be applied in practice. Types of reading, features of the reading style, methods of writing, such as essays, and content are offered.

Learning Outcomes in EP (LOP):

LOP 4 - Understands the patterns of psychological and physiological development of children, the essence of pedagogy and learning theories, as well as the relationship between the content of education and the specifics of the upbringing process.

LOP 7 - Selects effective methods and techniques for developing language skills, introduces students to the cultures of foreign countries, and conducts the educational process in English based on the integration of subject and language.

Learning Outcomes in Course (LOC):

LOC- 1. Analyzes the genre, thematic, and artistic features of children's literature; provides a scientific justification of the author's idea, the system of characters, and its educational value.

LOC -2. Conducts a comprehensive analysis of a literary text based on literary-theoretical concepts; identifies the structure of the text, linguistic means, and content features.

LOC-3. Designs effective ways of using children's literature in the educational process; selects methods aimed at developing students' reading, critical thinking, and language skills.

Post requisites: Methods of teaching literary reading

Optional component 4

Course: Content and Language Integrated Learning (CLIL) in Primary School

Intensity of the Course: 3 academic credits

Module Code: LECPS - 6

Module Name: Language education and communication in primary school

Prerequisites: no

Purpose: Mastering the methodology of integrated subject and language teaching and the formation of pedagogical competencies aimed at its effective organization.

Short Description: The discipline examines the theoretical foundations and principles of the CLIL method, methods of integrated teaching of subject content and language. In primary school, they teach students how to create learning tasks aimed at developing language skills, coordinate language and subject goals, increase students' cognitive activity through the integration of learning, and apply effective teaching methods.

Learning Outcomes in EP (LOP):

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 7 - Selects effective methods and techniques for developing language skills, introduces students to the cultures of foreign countries, and conducts the educational process in English based on the integration of subject and language.

LOP 9 - Comprehensively evaluates the effectiveness of the teaching and upbringing processes, students' academic achievements, their research and project work, as well as the efficiency of the applied pedagogical and digital technologies.

Learning Outcomes in Course (LOC):

LOC- 1. Understands the theoretical foundations of the CLIL approach; describes its goals, principles, and role in the primary education process.

LOC -2. Develops learning tasks integrating subject content and language; effectively selects methods aimed at developing students' language and subject competencies.

LOC-3. Designs lesson plans using CLIL technology; provides feedback and implements a differentiated approach..

Post requisites: Methods of language education for primary school students

Optional component 4

Course: Workshop on developing speech activity

Intensity of the Course: 3 academic credits

Module Code: LECPS - 6

Module Name: Language education and communication in primary school

Prerequisites: no

Purpose: Teaching methods and techniques aimed at developing speech skills, as well as their effective application in the educational process.

Short Description: The discipline teaches methods and techniques aimed at developing speech abilities and their effective application in the educational process. It is aimed at shaping the speech activity of younger schoolchildren and mastering the ways of its development. During the course of the discipline, students master methods for developing students' oral and written language skills (listening, pronunciation, reading, writing), effective ways to master language norms, and ways to create learning tasks for speech development. It teaches the use of pedagogical approaches aimed at improving students' linguistic communication, taking into account their age and individual characteristics, enriching vocabulary and developing skills for the free, systematic transmission of their thoughts.

Learning Outcomes in EP (LOP):

LOP 4 - Understands the patterns of psychological and physiological development of children, the essence of pedagogy and learning theories, as well as the relationship between the content of education and the specifics of the upbringing process.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 8 - Effectively plans the learning process considering educational theories and the fundamentals of pedagogy, organizes independent (individualized) learning, and applies the acquired knowledge to real-life situations.

Learning Outcomes in Course (LOC):

LOC- 1. Explains the psycholinguistic and pedagogical foundations of speech skill formation and characterizes the features of methods for speech development.

LOC -2. Develops exercises and tasks aimed at improving students' oral and written speech, and selects effective methods and techniques.

LOC-3. Organizes practical work on the development of speech activity.

Post requisites: Methods of language education for primary school students.

Optional component 5

Course: STEAM education for primary school students

Intensity of the Course: 5 academic credits

Module Code: TMMTPS-7

Module Name: Teaching mathematics and modern technologies in primary school

Prerequisites: Information and Communication Technologies

Purpose: Formation of competencies for the effective application of STEAM approaches aimed at developing the intellectual abilities of primary school students.

Short Description: The discipline involves the formation of competencies for the effective use of STEAM techniques aimed at developing the intellectual abilities of younger schoolchildren. STEAM is focused on mastering the basics of integrated learning. The methods of compiling and applying scientific, cognitive, creative and problematic tasks in the educational process are considered, as well as approaches to learning that allow students to develop research, critical and practical skills through STEAM education.

Learning Outcomes in EP (LOP):

LOP 2 - Possesses high-level critical and creative thinking skills to solve professional problems and achieve sustainable development goals, is capable of self-regulation and reflection.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 8 - Effectively plans the learning process considering educational theories and the fundamentals of pedagogy, organizes independent (individualized) learning, and applies the acquired knowledge to real-life situations.

Learning Outcomes in Course (LOC):

LOC- 1. Understands the theoretical foundations and principles of STEAM education, describes its importance in primary school and its interdisciplinary connections.

LOC -2. Designs learning tasks and projects by integrating elements of science, technology, engineering, arts, and mathematics, and develops students' research and creative skills.

LOC-3. Plans and organizes lessons based on the STEAM approach, and assesses students' critical thinking, problem-solving, and teamwork skills.

Post requisites: Pre -diploma (pedagogical) practice, Production (pedagogical) practice

Optional component 5

Course: Digital learning and media literacy in primary education

Intensity of the Course: 5 academic credits

Module Code: TMMTPS-7

Module Name: Teaching mathematics and modern technologies in primary school

Prerequisites: Information and Communication Technologies

Purpose: Development of future teachers' skills in the effective use of digital educational tools and media literacy.

Short Description: The discipline promotes the understanding of media literacy as part of an information culture that promotes the safety and emotional, mental and physical well-being of the child. It is also aimed at developing digital skills for teaching younger students.

Learning Outcomes in EP (LOP):

LOP 2 - Possesses high-level critical and creative thinking skills to solve professional problems and achieve sustainable development goals, is capable of self-regulation and reflection.

LOP 3 - Demonstrates knowledge of ethical and legal norms in conducting research, ensures the safe use and protection of data when working with digital technologies and artificial intelligence tools.

LOP 9 - Comprehensively evaluates the effectiveness of the teaching and upbringing processes, students' academic achievements, their research and project work, as well as the efficiency of the applied pedagogical and digital technologies.

Learning Outcomes in Course (LOC):

LOC- 1. Explains the basic concepts and principles of digital learning and media literacy, and characterizes their role in primary education.

LOC -2. Develops learning tasks with the effective use of digital educational resources and selects methods aimed at developing students' information and media literacy.

LOC-3. Critically analyzes and evaluates information, and organizes the educational process in accordance with the principles of safe work in the digital environment.

Post requisites: Pre-diploma (pedagogical) practice, Production (pedagogical) practice

Optional component 5

Course: Robotics in primary education

Intensity of the Course: 5 academic credits

Module Code: TMMTPS-7

Module Name: Teaching mathematics and modern technologies in primary school

Prerequisites: Information and Communication Technologies

Purpose: Development of students' algorithmic thinking and mastery of the basics of robotics.

Short Description: The discipline is aimed at developing knowledge of the basics of teaching robotics, engineering thinking, algorithmic skills and creative abilities. The subject teaches the development of logical thinking, problem-solving skills and creative activity in elementary school students, the development of educational tasks for the development of logical thinking, problem-solving ability and creative activity, methods of effective use of digital and engineering tools in the classroom.

Learning Outcomes in EP (LOP):

LOP 2 - Possesses high-level critical and creative thinking skills to solve professional problems and achieve sustainable development goals, is capable of self-regulation and reflection.

LOP 3 - Demonstrates knowledge of ethical and legal norms in conducting research, ensures the safe use and protection of data when working with digital technologies and artificial intelligence tools.

LOP 5 - Organizes the educational process for effective teaching of the basics of mathematical literacy, natural sciences, and world cognition, relying on student-centered, inclusive, differentiated, and competency-based approaches.

Learning Outcomes in Course (LOC):

LOC- 1. Explains the basics of robotics and algorithmization, and characterizes fundamental programming concepts.

LOC -2. Develops simple robotic models and programs, applying algorithmic thinking skills to problem-solving.

LOC-3. Organizes and evaluates learning tasks based on robotics, and develops students' creative, research, and teamwork skills.

Post requisites: Pre-diploma (pedagogical) practice, Production (pedagogical) practice

Optional component 6

Course: Modern technologies and artificial intelligence in primary education

Intensity of the Course: 5 academic credits

Module Code: TMMTPS-7

Module Name: Teaching mathematics and modern technologies in primary school

Prerequisites: Information and Communication Technologies

Purpose: Development of students' digital and critical thinking skills through the application of modern technologies and artificial intelligence.

Short Description: The subject is aimed at teaching the effective use of modern digital technologies and artificial intelligence tools in the primary education process. In the process of primary school education, it ensures the effective use of modern educational technologies and artificial intelligence capabilities. During the course, students will explore the use of digital educational resources, interactive platforms, and artificial intelligence-based tools for planning, organizing, and evaluating the learning process.

Learning Outcomes in EP (LOP):

LOP 3 - Demonstrates knowledge of ethical and legal norms in conducting research, ensures the safe use and protection of data when working with digital technologies and artificial intelligence tools.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

Learning Outcomes in Course (LOC):

LOC- 1. Understands the basic concepts of modern digital technologies and artificial intelligence, and describes their potential in primary education.

LOC -2. Develops learning tasks using artificial intelligence and digital tools, fostering students' research, critical thinking, and digital skills.

LOC-3. Effectively applies and evaluates modern technologies in the educational process, and organizes feedback based on the analysis of students' learning achievements.

Post requisites: Pre-diploma (pedagogical) practice, Production (pedagogical) practice

Optional component 6

Course: Tutoring in Primary Education

Intensity of the Course: 5 academic credits

Module Code: TMMTPS-7

Module Name: Teaching mathematics and modern technologies in primary school

Prerequisites: Information and Communication Technologies

Purpose: Formation of professional competencies aimed at developing students' individual educational trajectories through mastering the fundamentals of tutoring support in primary education.

Short Description: The discipline is aimed at mastering the competencies to create an environment for children with different needs, both intellectual, physical, behavioral, as well as gifted and with learning difficulties. The future teacher will learn to take into account inclusive, integrated approaches to teaching and upbringing of younger students, as well as work with parents and colleagues for the benefit, development and support of each student.

Learning Outcomes in EP (LOP):

LOP 2 - Possesses high-level critical and creative thinking skills to solve professional problems and achieve sustainable development goals, is capable of self-regulation and reflection.

LOP 3 - Demonstrates knowledge of ethical and legal norms in conducting research, ensures the safe use and protection of data when working with digital technologies and artificial intelligence tools.

LOP 8 - Effectively plans the learning process considering educational theories and the fundamentals of pedagogy, organizes independent (individualized) learning, and applies the acquired knowledge to real-life situations.

Learning Outcomes in Course (LOC):

LOC- 1. Understands the theoretical foundations and principles of tutoring activity and describes its role in primary education.

LOC -2. Plans students' individual educational trajectories and selects support methods in accordance with their learning needs and abilities.

LOC-3. Organizes the tutoring support process, analyzes students' learning achievements, and provides effective feedback.

Post requisites: Pre-diploma (pedagogical) practice, Production (pedagogical) practice

Optional component 7

Course: Practical Phonetics and Listening of the First Foreign Language

Intensity of the Course: 6 academic credits

Module Code: **PE-8**

Module Name: **Professional english**

Prerequisites: Basic foreign language (English) B1, B2, C1, C2

Purpose: Formation of correct pronunciation, intonation, and listening skills in a foreign language, and the development of oral speech through mastering phonetic norms.

Short Description: The discipline is aimed at developing and improving the skills of oral speech in English. The sound system, intonation structure and rhythmic features of the English language are considered in detail. The main purpose of the discipline is to develop students' ability to listen and understand speech in a foreign language (listening comprehension), strengthen the articulatory base and develop expressive speech skills in compliance with language norms.

Learning Outcomes in EP (LOP):

LOP 1 - Applies variety of communication formats, taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 7 - Selects effective methods and techniques for developing language skills, introduces students to the cultures of foreign countries, and conducts the educational process in English based on the integration of subject and language.

Learning Outcomes in Course (LOC):

LOC- 1. Understands the phonetic system of a foreign language and describes the features of correct use of sounds, stress, and intonation.

LOC -2. Applies correct pronunciation and listening skills, follows phonetic norms in oral speech, and understands spoken information.

LOC-3. Performs exercises aimed at developing listening and speaking skills and provides feedback to improve language proficiency.

Post requisites: Pre-diploma (pedagogical) practice, Production (pedagogical) practice

Optional component 7

Course: Modern Trends in English Phonetics and Grammar

Intensity of the Course: 6 academic credits

Module Code: **PE-8**

Module Name: **Professional english**

Prerequisites: Basic foreign language (English) B1, B2, C1, C2

Purpose: Improving students' language competence through mastering modern trends in English phonetics and grammar, and preparing them for the effective use of current language changes.

Short Description: The discipline studies current changes and new trends in the phonetic and grammatical aspects of English linguistics. The discipline examines the linguistic evolution of the English language, functional grammar, and changes in language norms in the era of globalization. Students get acquainted with modern linguistic theories and learn to analyze the relationship between the verbal use of grammatical structures and phonetic processes.

Learning Outcomes in EP (LOP):

LOP 1 - Applies variety of communication formats, taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 7 - Selects effective methods and techniques for developing language skills, introduces students to the cultures of foreign countries, and conducts the educational process in English based on the integration of subject and language.

Learning Outcomes in Course (LOC):

LOC- 1. Understands modern trends in English phonetics and grammar, describes the features of language changes.

LOC -2. Produces oral and written speech using modern language norms, effectively applies phonetic and grammatical skills.

LOC-3. Analyzes and evaluates linguistic phenomena, applies modern methods and approaches in teaching English.

Post requisites: Pre-diploma (pedagogical) practice, Production (pedagogical) practice

Optional component 8

Course: English Oral and Written Communication Workshop

Intensity of the Course: 6 academic credits

Module Code: **PE-8**

Module Name: **Professional english**

Prerequisites: Basic foreign language (English) B1, B2, C1, C2

Purpose: Development of students' oral and written English language skills, teaching the correct use of language norms, and fostering fluent communication.

Short Description: The discipline is aimed at the comprehensive development of communicative competencies. The workshop improves the skills of using language material (vocabulary and grammar) in real-life situations, conducting discussions, writing essays and working with texts in a formal or informal style. The main focus is on freedom of speech, accuracy, and the logical structure of written works. It teaches you to systematize a thought, to express it linguistically competently.

Learning Outcomes in EP (LOP):

LOP 1 - Applies variety of communication formats, taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 7 - Selects effective methods and techniques for developing language skills, introduces students to the cultures of foreign countries, and conducts the educational process in English based on the integration of subject and language.

Learning Outcomes in Course (LOC):

LOC- 1. Understands the basic principles of oral and written communication in English, describes language norms and structures.

LOC -2. Speaks and writes fluently in English in various communicative situations, expresses ideas coherently, accurately, and clearly.

LOC-3. Improves oral and written communication skills, evaluates own and others' work, and provides effective feedback.

Post requisites: Pre-diploma (pedagogical) practice, Production (pedagogical) practice

Optional component 8

Course: English Literature and Creative Writing

Intensity of the Course: 6 academic credits

Module Code: **PE-8**

Module Name: **Professional english**

Prerequisites: Basic foreign language (English) B1, B2, C1, C2

Purpose: The formation of students' linguistic, creative, and critical thinking skills through mastering the fundamentals of English literature and developing creative writing skills.

Short Description: The discipline combines the analysis of classical and modern works of English literature with creative writing skills. Develops the study of literary trends and creative abilities through in-depth analysis of literary texts. The discipline examines various techniques for writing short stories, essays, poems, or screenplays. It involves the aesthetic use of linguistic means, the ability to distinguish between stylistic colors and the formation of an author's writing style.

Learning Outcomes in EP (LOP):

LOP 1 - Applies variety of communication formats, taking into account sociocultural diversity, adheres to the principles of equality and accessibility in education when creating a prosperous and inclusive environment, demonstrates leadership qualities and is able to apply them to develop collective potential.

LOP 6 - Designs innovative educational content and art education content using pedagogical research methods, develops students' research and creative activities, and implements project work based on STEAM education and the CLIL approach.

LOP 7 - Selects effective methods and techniques for developing language skills, introduces students to the cultures of foreign countries, and conducts the educational process in English based on the integration of subject and language.

Learning Outcomes in Course (LOC):

LOC- 1. Understands the main genres and trends of English literature, analyzes the ideas and content of literary works.

LOC -2. Produces various texts using creative writing skills, expresses ideas artistically and coherently.

LOC-3. Critically analyzes and evaluates literary texts, provides feedback on creative works.

Post requisites: Pre-diploma (pedagogical) practice, Production (pedagogical) practice