KAZAKH NATIONAL WOMEN'S TEACHER TRAINING UNIVERSITY
<u>**www.kazmkpu.kz**</u>

CATALOG OF ELECTIVE DISCIPLINES

Almaty
2024

EDUCATIONAL PROGRAM: 6B01201 - PRE-SCHOOL TRAINING AND EDUCATION

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 course is aimed at the formation of a legally competent, law-abiding person who knows his rights and obligations, intolerant of any manifestations of corruption. Students will be able to operate with the social, legal and ethical norms of Kazakhstani society.
Learning Outcomes in EP (LOP):
LOP 1 - Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential
LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.
LOP 3 - Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.
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: **Ecology and Sustainable Development**
Intensity of the Course: 5 academic credits
Module Code: **GES -1**
Module Name: General educational subjects module
Prerequisites: Biology, Geography (school program)
Purpose: maintaining the stability of life by analyzing environmental processes, forming priority areas and setting specific tasks for nature conservation.
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 socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential
LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 3 - Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

Learning Outcomes in Course (LOC):

LOC 1 - Knows the terms and concepts that define the main features and features of ecosystems;

LOC 2 - Has an idea of the complex relationships taking place in nature, as well as between society and nature;

LOC 3 - Can give an environmental assessment of the situation in the region and promote the knowledge gained as a result of work in all areas of its activities;

LOC 4 - It can analyze the main legislative documents on environmental safety and modern environmental problems.

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 bissnes (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 focused on the formation of students' skills of entrepreneurship and business thinking. Through a comprehensive view of the laws of the functioning of the economy, the conditions for doing business, its internal and external environment, students will have the skills to develop a business plan, create and successfully run their own business.

Learning Outcomes in EP (LOP):

LOP 1 - Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 3 - Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

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 socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 3 - Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

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 the teacher in the context of strategic guidelines and priority areas of the state educational policy of Kazakhstan. Students determine the place of emotional intelligence and "flexible competencies" in the educational process of the modern school. They apply modern methods and technologies for organizing educational activities, taking into account the development of soft 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 1 - Applies a variety of communication formats taking into account socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 3 - Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

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 programe)

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 socio-cultural diversity, adheres to the principles of equality and accessibility in education, to create a prosperous and inclusive environment, has leadership qualities and is able to apply them to develop collective potential

LOP 2 - Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 3 - Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

Learning Outcomes in Course (LOC):

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O *Post requisites:* no

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-     *Course:* **Financial literacy**

-     *Intensity of the Course:* 5 academic credits

Module Code: **GES -1**

Module Name: General educational subjects module

Prerequisites: Mathematics (school programe)

Purpose: mastering the basics of financial literacy by students through the development of basic concepts reflecting the field of personal finance, as well as skills and competencies that contribute to effective interaction of students with financial institutions in order to achieve financial well-being.

Short Description: The discipline is focused on the development of students' knowledge about the financial system, financial institutions and their products, and financial risks. As a result, students will be able to find, analyze, interpret, evaluate financial information from various sources and use it to solve financial problems. In general, the course forms students' competent rational financial behavior in conditions of increased risk of financial fraud.

Learning Outcomes in EP (LOP):

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

LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 11 – Carry out managerial activities; build a personal educational trajectory throughout life for self-development and career growth.

Learning Outcomes in Course (LOC):

LOC 1 – Knowledge of the main goals of personal finance management, savings motives, opportunities and limitations of using borrowed funds;

LOC 2 – The ability to navigate through various sources of financial information, critically evaluate and interpret information received from various sources;

LOC 3 – Has an idea about the types of financial frauds and the specifics of their functioning, ways to identify financial frauds among the financial products offered;

LOC 4 – The application of the acquired knowledge in practice.

Post requisites: no

2. OPTIONAL COMPONENTS OF THE CYCLE OF CORE COURSES

Optional component 1

Course: **English for Academic Purposes**
Intensity of the Course: 5 academic credits
Module Code: **GLC -2**
Module Name: Language communication
Prerequisites: Foreign Language
Purpose: students' mastery of a foreign language as a means of learning and the basics of scientific academic communication.
Short Description: The subject forms knowledge about the genre varieties of the scientific style, mastering modern methods of collecting, storing and processing information and materials in the field of professional activity, as well as the development of skills and abilities of academic communication in four types of speech activity: reading, speaking, writing, listening.
Learning Outcomes in EP (LOP):
LOP 3 - Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.
LOP 6 - Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.
Learning Outcomes in Course (LOC):
LOC 1 – They know general scientific terms to the extent sufficient to work with original scientific texts and texts of a professional nature;
LOC 2 – They understand the peculiarities of the organization of the structure and content of an academic text/discourse, compositional and speech types, forms of presentation, methods of analysis and argumentation;
LOC 3 – They are able to conduct scientific research, including the choice of a topic, its justification, determination of relevance, novelty and significance, organization of research stages, registration of results, formulation of conclusions, conclusions and recommendations;
LOC 4 – Apply the acquired knowledge in educational and research activities in the specialty profile.
Post requisites: Psychology and pedagogical practice

Optional component 1

Course: **Academic writing**
Intensity of the Course: 5 academic credits
Module Code: **GLC -2**
Module Name: Language communication
Prerequisites: Fundamentals of mathematical statistics
Purpose: students' mastery of the theory of academic writing as a system, as well as concepts and models of academic writing.
Short Description: The discipline develops students' skills in functional style and writing scientific articles, industry-specific subject terminology, office management, and academic literacy. Students also learn how to compile scientific reports, professional text analysis, critical thinking, plagiarism prevention and information retrieval in scientific databases, and systematization of written work.
Learning Outcomes in EP (LOP):
LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.
LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.
LOP 11 – Carry out managerial activities; build a personal educational trajectory throughout life for self-development and career growth.
Learning Outcomes in Course (LOC):
LOC 1 – They know the models of academic writing, the logical and syntactic rules of scientific text, the methodology of scientific text execution;
LOC 2 – They are able to collect and process material, structure work and describe bibliographic sources;
LOC 3 – She is able to substantiate the relevance, theoretical and practical significance of the chosen topic of scientific research and present its results;

LOC 4 – He knows the methodology of writing the scientific text of an article, an abstract, an essay, a graduation project.

Post requisites: Methods of speech development with a workshop, Fundamentals of Educational research

Optional component 2

Course: **Workshop on the organization of play activities for children of early and preschool age**
Intensity of the Course: 6 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Social partnership of preschool organization and family
Purpose: formation of students' competencies in the field of designing effective organization of preschool children's play activities.
Short Description: The discipline is aimed at the practical development of play activities of preschool children. Students demonstrate knowledge of modern approaches to the management of preschool children's play activities. They design organized activities using games. Accompany free games. They use interactive games, quests, gamification elements, etc. They play with children, stimulate independent play activity of children. Develop professional competence, meta-skills in field of play activities of preschoolers. They build work with parents on the formation of play skills children of early and preschool age.
Learning Outcomes in EP (LOP):
LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.
LOP 4 – Model a subject-developing and inclusive environment, implement play activities of preschool children.
LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.
LOP 7 – Implement their own research activities, manage the project work of children.
Learning Outcomes in Course (LOC):
LOC 1 – They know the basic basic psychological and pedagogical concepts in the organization of play activities of preschool children;
LOC 2 – They are able to evaluate the personal achievements of the child and develop an individual trajectory of development in play activities;
LOC 3 – Defines the technology of management of various types of children's games in the educational process of a preschool organization;
LOC 4 – Owns the ways of designing, organizing play activities of preschool children;
LOC 5 – Explores the developing possibilities of play activities of preschool children.
Post requisites: Pedagogical psychology

Optional component 2

Course: **Subculture of the modern child**
Intensity of the Course: 6 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Social partnership of preschool organization and family
Purpose: to reveal the essence and functions of the children's subculture, to characterize the current state and development trends, its role in the social development of the child's personality
Short Description: The purpose of the discipline: to reveal the essence and functions of the children's subculture. In process of mastering the course, students will consider: children's subculture as a means of expressing of child and constructing children's picture of the world. Content of children's subculture, problem of transformation in modern world. Characterize children's subculture: analyze children's humor, horror stories, «secrets», «secret places». Design the game as invariant of children's subculture. Investigate manifestations of children's subculture in the game. Work with parents.
Learning Outcomes in EP (LOP):
LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.
LOP 4 – Model a subject-developing and inclusive environment, implement play activities of preschool children.
LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.
LOP 7 – Implement their own research activities, manage the project work of children.
Learning Outcomes in Course (LOC):

LOC 1 – They know the definitions of the concept of «children's subculture» and its features;
LOC 2 – They understand the importance of the children's community as a carrier of subculture;
LOC 2 – They are able to evaluate the children's subculture, the construction of a children's picture of the world;
LOC 3 – Analyze children's humor, horror stories, «secrets», «secret places», etc.;
LOC 4 – Explore the manifestations of the subculture of children in the game;
LOC 5 – They work with parents to explain the children's subculture.
Post requisites: Pedagogical psychology

Optional component 3

Course: **World practice of early childhood development**
Intensity of the Course: 5 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Social partnership of preschool organization and family
Purpose: formation of students' ideas about modern concepts, the world experience of preschool education.
Short Description: Students demonstrate knowledge of modern concepts, world experience of preschool education (Finland, Great Britain, Japan, USA, Singapore, etc.). They design the educational process using (Waldorf Kindergarten, Montessori pedagogy, «Froebel's Gifts», «Step by step», etc.) methods. They carry out a search and analysis of world experience using digital tools. Reflection techniques and electronic learning tools are used.
Learning Outcomes in EP (LOP):
LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.
LOP 7 – Implement their own research activities, manage the project work of children.
LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.
LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.
Learning Outcomes in Course (LOC):
LOC 1 – They know the current state of foreign educational systems of preschool education;
LOC 2 – They are able to analyze, systematize, generalize various models of preschool education abroad;
LOC 3 – Apply the world experience of education, development of preschoolers in the educational process of kindergarten;
LOC 4 – They possess the skills of research activity on the problems of comparative studies.
Post requisites: Methods of visual activity with a workshop

Optional component 3

Course: **Productive types of children's creativity**
Intensity of the Course: 5 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Social partnership of preschool organization and family
Purpose: formation of professional competence of students in the field of modern theory and technology of artistic and creative activity of preschoolers.
Short Description: The discipline reveals the features of the visual, artistic and creative activities of preschool children. Students consider the theoretical foundations and methodology of productive, creative activities of children. They plan, design organized activities for drawing, sculpting, application, design. They own the methodology of organization (creative drawing techniques, modeling, application, design; textile, natural and throw materials) creative activity. Reflection techniques, electronic training tools are used.
Learning Outcomes in EP (LOP):
LOP 4 – Model a subject-developing and inclusive environment, implement play activities of preschool children.
LOP 5 – Construct the educational process of a preschool organization on the basis of personality-oriented, integrated, health-saving, developmental education of preschool children.
LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.
LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.
Learning Outcomes in Course (LOC):
LOC 1 – They know the peculiarities of the visual, artistic and creative activities of preschool children;
LOC 2 – They design organized activities for drawing, modeling, applications, construction;

LOC 3 – Apply techniques of working with various materials and tools, methods of formation of artistic and creative abilities of preschoolers;

LOC 4 – Analyze the products of children's artistic creativity, the levels of aesthetic development of preschool children;

LOC 5 – Synthesize organized, creative activity, non–traditional techniques of visual activity in the development of artistic and creative abilities of preschool children.

Post requisites: Methods of visual activity with a workshop

Optional component 4

Course: **Social partnership of preschool organization and family**
Intensity of the Course: 5 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Child psychology
Purpose: to form a willingness among students to carry out social partnership between the preschool organization and the family.

Short Description: The course is aimed at studying the family a social institution, solving the problems of family education, increasing the competence of parents in the upbringing of children early and preschool age. Students substantiate the research of family relations in Kazakhstan, world practice. Establish partnerships with a family of preschoolers. They provide psychological and pedagogical support to parents of children (including those with SEN), organize educational trainings, seminars with parents, involve them in children's projects. They reflect on their professional activities.

Learning Outcomes in EP (LOP):

LOP 5 – Construct the educational process of a preschool organization on the basis of personality-oriented, integrated, health-saving, developmental education of preschool children.

LOP 7 – Implement their own research activities, manage the project work of children.

LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrate knowledge of the conceptual and categorical apparatus, the regulatory framework for the rights of the child and family education;

LOC 2 – They understand the role of family education in the formation of a preschooler's personality in the pedagogical support of the family;

LOC 3 – They are able to select diagnostic methods for studying the family, plan to work with the parents of pupils, etc.;

LOC 3 – Possess the skills of analyzing family upbringing, family conflict situations;

LOC 4 – They develop joint projects, consultations, trainings, recommendations for parents, etc.;

LOC 5 – They carry out social partnership on the problems of family education.

Post requisites: Workshop on the organization of play activities for children of early and preschool age

Optional component 4

Course: **Multicultural education of preschool children**
Intensity of the Course: 5 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Child psychology
Purpose: to form students' readiness to carry out multicultural education of preschool children in the conditions of a preschool organization

Short Description: During the course, students get acquainted with the theoretical foundations and psychological and pedagogical conditions for the implementation of multicultural education of preschool children. Basic models of multicultural education of training are defined. The educational process is organized taking into account cultural diversity and the principles of multicultural education and training. They own the culture of interethnic communication with the basics of tolerance and respect for traditions, customs of representatives of the peoples living in Kazakhstan.

Learning Outcomes in EP (LOP):

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

LOP 5 – Construct the educational process of a preschool organization on the basis of personality-oriented, integrated, health-saving, developmental education of preschool children.

LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrate knowledge of the theoretical foundations and psychological and pedagogical conditions for the implementation of multicultural education of preschool children;

LOC 2 – Define the main models of multicultural education training;

LOC 3 – They have the skills to organize the educational process taking into account cultural diversity and the principles of multicultural education and training;

LOC 4 – They master the culture of interethnic communication, the basics of tolerance and respect for traditions and customs of representatives of the peoples of Kazakhstan.

Post requisites: Workshop on the organization of play activities for children of early and preschool age

Optional component 5

Course: **Speech therapy**
Intensity of the Course: 4 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Inclusive education in a preschool organization
Purpose: formation of students' professional competencies in the field of professional correctional and pedagogical (speech therapy) activities in the conditions of preschool organizations
Short Description: The purpose of the discipline: formation of students' professional and practical training for organization correctional speech therapy work with children of early and preschool age. Own competent, expressive, oral speech. Determine the classification of speech disorders; ontogenesis and dysontogenesis of speech activity; speech disorders in children of early and preschool age. Design the prevention of speech disorders and the organization of speech therapy in PO. Monitor results of mastering speech therapy for children with speech disorders. Carry out psychological and pedagogical support of parents.

Learning Outcomes in EP (LOP):

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

LOP 4 – Model a subject-developing and inclusive environment, implement play activities of preschool children.

LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrates knowledge of the peculiarities of the development of cognitive processes in children with speech disorders;

LOC 2 – Can assess the physical, mental, speech development of the child and compare this situation with the norm;

LOC 3 – Has the skills of planning speech therapy and pedagogical correctional work with children with speech disorders;

LOC 4 – Uses speech therapy and psychological methods to study the cognitive processes of children with speech disorders.

Post requisites: Production (pedagogical) practice

Optional component 5

Course: **Fundamentals of defectology**
Intensity of the Course: 4 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Inclusive education in a preschool organization

Purpose: preparation of students on theoretical and practical issues of the development of children with disabilities, taking into account their psychological and physical capabilities.

Short Description: The purpose of the course «Fundamentals of defectology» is to form ideas about defectology a science that studies the peculiarities of the development of children with disabilities in general, correctional, inclusive education. Students demonstrate knowledge of international and domestic regulatory legal documents on the rights of children and persons with disabilities. Apply basic defectological knowledge in the social sphere. They have the skills to design individual routes of development, education, and social adaptation of preschoolers with SEN. They reflect on their professional activities.

Learning Outcomes in EP (LOP):

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

LOP 4 – Model a subject-developing and inclusive environment, implement play activities of preschool children.

LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrate knowledge of the theoretical foundations of defectology and inclusion, principles and forms of psychological assistance, methods of solving psychological problems of individuals, groups and (or) organizations, including persons with SEN;

LOC 2 – They are able to determine diagnostic indicators of speech development of children with SEN;

LOC 3 – They possess diagnostic methods and methods of solving problems of psychological assessment of social groups and collectives;

LOC 4 – They provide consultations to families with children of the SEN.

Post requisites: Production (pedagogical) practice

Optional component 6

Course: **Design of the developing environment**
Intensity of the Course: 5 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Child psychology
Purpose: teaching students the methodology of building the design of a developing environment in a preschool organization.

Short Description: The course contributes to formation of skills of organizing developing environment of PO. Students demonstrate modern concepts, principles of building the developmental environment of PO. Design developing environment in main activities of children of early and preschool age (including for children with SEN). Apply innovative approaches to the design of developing environment. Organize activity centers in groups for children of early and preschool age. Use modern technologies for the design of developing environment in different age groups.

Learning Outcomes in EP (LOP):

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 4 – Model a subject-developing and inclusive environment, implement play activities of preschool children.

LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.

LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrates knowledge of modern concepts, principles of building a developing environment of a preschool organization;

LOC 2 – They understand the features of innovative pedagogical systems and technologies of teaching, development of preschoolers;

LOC 3 – They simulate gaming activities, create a high–quality subject-developing environment;

LOC 4 – The psychological and pedagogical conditions of providing a subject–developing environment in preschool organizations are analyzed;

LOC 5 – They design the content of teaching and upbringing of preschoolers in the subject–spatial, developing environment of a preschool organization.

Post requisites: Methods of visual activity with a workshop

Course: **Sensory education at an early age**
Intensity of the Course: 5 academic credits
Module Code: ECDPEP – 5
Module Name: Early childhood development and preschool education
Prerequisites: Child psychology
Purpose: to form students' knowledge, skills, skills of working with preschool children on sensory education, interest in independent research of sensory development of preschoolers.
Short Description: The discipline involves consideration of modern concepts, actual problems of sensory education of young children. Students master the methods of developing fine motor skills in young children through the use of a system of game exercises for the development of the sensory-perceptual sphere. They define a competence-based approach aimed at the development of sensory skills, sensory experience, examination of objects, perception of the surrounding world, and young children. They interact with the parents of preschoolers in matters of sensory education of preschoolers.
Learning Outcomes in EP (LOP):
LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.
LOP 7 – Implement their own research activities, manage the project work of children.
LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.
LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.
Learning Outcomes in Course (LOC):
LOC 1 – Dismantle the knowledge of modern concepts, current problems of sensory education of young children and preschool age;
LOC 2– They design sensory education of children of early age and preschool age in various types of activities (play, organized, productive, independent, etc.);
LOC 3 – They possess techniques for the development of fine motor skills of young children through the use of a system of game exercises for the development of the sensory–perceptual sphere;
LOC 4 – They interact with parents in matters of sensory education of preschoolers.
Post requisites: Methods of visual activity with a workshop

Optional component 7

Course: **STEM and robotics in preschool organization**
Intensity of the Course: 5 academic credits
Module Code: MOAPOP – 6
Module Name: Methods of organized activities in preschool organization
Prerequisites: Information and Communication Technologies
Purpose: preparing students for innovative activities in working with preschool children on the implementation of STEM, Robotics
Short Description: The purpose of the discipline is preparing students for organizing innovative activities with preschool children on the implementation of STEM, Robotics. During the study of discipline, students: own practical skills in use of multimedia technologies («F. Frebel's Didactic System», «Experimentation with Living/Inanimate Nature», «LEGO Construction», «Lego foundation», «Robotics»). Analyze design rules of developmental spatial environment. As a result of studying the discipline, students will master digital educational technologies; develop a project for studio and club activities of STEM education and robotics.
Learning Outcomes in EP (LOP):
LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.
LOP 7 – Implement their own research activities, manage the project work of children.
LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.
LOP 11 – Carry out managerial activities; build a personal educational trajectory throughout life for self-development and career growth.
Learning Outcomes in Course (LOC):
LOC 1 – Demonstrate knowledge of the basic conceptual and terminological apparatus, features and principles of teaching in the modern information and educational environment;

LOC 2 – Apply the skills of designing and placing documents on the Internet using the didactic capabilities of information and communication technologies;

LOC 3 – They use STEM–equipment in the educational process.

Post requisites: Methods of organizing project activities of preschoolers

Optional component 7

Course: **Fundamentals of safe behavior of preschool children**
Intensity of the Course: 5 academic credits
Module Code: MOAPOP – 6
Module Name: Methods of organized activities in preschool organization
Prerequisites: Information and Communication Technologies
Purpose: formation of theoretical knowledge and practical skills on the basics of safe behavior of preschool children.

Short Description: The discipline is aimed at mastering the theoretical and practical foundations of safe behavior of preschool children in a PO, family, etc. Students determine the principles of organizing pedagogical work to familiarize children with the basics of safety. The conceptual apparatus of the discipline is analyzed: «Safety», «Danger», «Health», «Emotional well-being of the child». They design a safe developing environment (conditions, means of familiarizing children with the basics of safety). They organize interaction with parents on the safety of preschool children.

Learning Outcomes in EP (LOP):

LOP 4 – Model a subject-developing and inclusive environment, implement play activities of preschool children.

LOP 5 – Construct the educational process of a preschool organization on the basis of personality-oriented, integrated, health-saving, developmental education of preschool children.

LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrate knowledge of basic concepts («safety», «danger», «healthy lifestyle», etc.), regulatory and legal bases of safe behavior of preschool children;

LOC 2 – Determine the need for the formation of safe behavior of preschool children;

LOC 3 – They study the pedagogical conditions of various types of activities in the prevention of safe behavior of preschoolers;

LOC 4 – They know the methodology of teaching the basics of safe behavior of preschoolers;

LOC 5 – They apply the innovative experience of preschool organizations in the formation of safe behavior of preschool children.

Post requisites: Methods of organizing project activities of preschoolers

3. OPTIONAL COMPONENTS OF THE CYCLE OF MAJOR COURSES

Optional component 1

Course: **Professional ethics and identity**
Intensity of the Course: 5 academic credits
Module Code: GER – 3
Module Name: Global Ethics and Research
Prerequisites: Pedagogy of early and preschool age
Purpose: to familiarize students with the attitudes, values, knowledge, beliefs and skills adopted in a professional teaching environment

Short Description: The purpose of the discipline is to acquaint students with the attitudes, values, knowledge, beliefs and skills accepted in the professional pedagogical environment. Students develop leadership and proactivity skills in the context of pedagogical activity or outside of it, develop a commitment to the national and cultural values of Kazakhstan, get to know and accept strict adherence to professional ethics as a value. Students plan their career path, develop introspection and self-management skills.

Learning Outcomes in EP (LOP):

LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.

LOP 7 – Implement their own research activities, manage the project work of children.

LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.

Learning Outcomes in Course (LOC):

LOC 1 – They know classical and modern theories in the field of professional ethics and identity;

LOC 2 – They are able to select educational content for its implementation in various forms of education in accordance with the requirements of the State Educational Standard of Preschool education and Training of the Republic of Kazakhstan;

LOC 3 – Apply theoretical knowledge and practical skills in the subject area in solving professional tasks;

LOC 4 – They monitor the quality of the educational process of a preschool organization.

Post requisites: Management in preschool education

Optional component 1

Course: **Basics of artificial intelligence**

Intensity of the Course: 5 academic credits

Module Code: GER – 3

Module Name: Global Ethics and Research

Prerequisites: Information and Communication Technologies

Purpose: formation of theoretical knowledge and skills in the field of artificial intelligence (AI) and practical skills in the application of modern tools and methods of artificial intelligence.

Short Description: The aim of teaching this discipline is to form theoretical knowledge and practical skills in artificial intelligence (AI), including implementing the contemporary tools and methods of AI. Students will be introduced to fundamental AI concepts, study its basic principles and methods, gain the skills to apply these theories, methods, and principles in simple intelligent software systems.

Learning Outcomes in EP (LOP):

LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

Learning Outcomes in Course (LOC):

LOC 1 – They know the basic concepts and theoretical foundations of artificial intelligence;

LOC 2 – They are able to apply the theory and algorithms of artificial intelligence in the implementation of educational programs in computer science;

LOC 3 – They know the methods of the theory of artificial intelligence for solving problems of orientation in the modern information space.

Post requisites: STEM and robotics in preschool organization

Optional component 2

Course: **Monitoring of the development of skills and abilities of preschoolers**

Intensity of the Course: 5 academic credits

Module Code: ECDPEP – 5

Module Name: Early childhood development and preschool education

Prerequisites: Methods of speech development with a workshop

Purpose: the study of the methodology of the organization of monitoring the level of development of skills and abilities of preschool children.

Short Description: During the course, students will know the regulatory, psychological and pedagogical foundations of monitoring; a mechanism for monitoring the development of skills and skills, a 3-level development system for a preschool child. Determine the methods of measuring the level of development: observation, creation of game situations, business game, conversation, questions/answers, results of productive activities. Perform the methodology for calculating the level of development of skills and skills of children. Develop an individual child development map. Work with parents.

Learning Outcomes in EP (LOP):

LOP 2 – Possess high-level critical and creative thinking skills, are capable of self-regulation and reflection to solve professional problems.

LOP 5 – Construct the educational process of a preschool organization on the basis of personality-oriented,

integrated, health-saving, developmental education of preschool children.

LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.

LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.

Learning Outcomes in Course (LOC):

LOC 1 – Knowledge of the regulatory, psychological and pedagogical foundations of monitoring;

LOC 2 – Understanding the patterns of monitoring the development of skills and abilities in preschool children;

LOC 3 – Application of the methodology for monitoring the development of skills and abilities in preschool children;

LOC 4 – Analysis of the results of the development of skills and abilities of preschool children;

LOC 5 – Synthesize and formalize the results of monitoring the development of skills and abilities in preschool children;

LOC 6 – To carry out the procedure for monitoring the development of skills and abilities in preschool children.

Post requisites: Management in preschool education

Optional component 2

Course: **Organization of additional education in kindergarten**

Intensity of the Course: 5 academic credits

Module Code: ECDPEP – 5

Module Name: Early childhood development and preschool education

Prerequisites: Methods of speech development with a workshop

Purpose: formation of professional competence of future specialists in the field of additional education of preschool children.

Short Description: The course is focused on the knowledge of regulatory legal documents of additional education of preschool children, modern technologies, the implementation of additional educational services, group work in a preschool organization. Students substantiate the features of the organization of additional education for children. Organize productive, cultural and leisure activities taking into account the interests of preschool children.

Learning Outcomes in EP (LOP):

LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

LOP 11 – Carry out managerial activities; build a personal educational trajectory throughout life for self-development and career growth.

Learning Outcomes in Course (LOC):

LOC 1 – Knowledge of the regulatory and legal system of additional education, modern approaches;

LOC 2 – Understanding additional education as a form of management of a modern preschool organization;

LOC 3 – Application of pedagogical technologies in the field of additional education of preschoolers;

LOC 4 – Analysis of the quality of providing additional educational services to preschool children;

LOC 5 – Synthesize and plan the content of the circle work in the conditions of a preschool organization;

LOC 6 – The ability to integrate the interaction of preschool organizations and parents in the implementation of additional education of preschoolers.

Post requisites: Management in preschool education

Optional component 3

Course: **Workshop on the production of didactic manuals**

Intensity of the Course: 5 academic credits

Module Code: ECDPEP – 5

Module Name: Early childhood development and preschool education

Prerequisites: Workshop on the organization of play activities for children of early and preschool age

Purpose: formation of professional competence of students in the process of developing didactic manuals by means of implementing project and constructive modeling training.

Short Description: In the process of studying the course, students develop knowledge, skills, skills in developing didactic manuals on various types (game, graphic, constructive) activities of preschoolers. Students define the concept of «didactic provision» in preschool education, make an approximate list of didactic materials (to choose from). Develop a sketch-cover page (electronic version) of the didactic manual (topic and age group to choose from); Present an algorithm for the structure of a didactic game using electronic resources.

Learning Outcomes in EP (LOP):

LOP 7 – Implement their own research activities, manage the project work of children.

LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.

LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrate knowledge of the didactic foundations of teaching preschool children in the process of mastering different types of children's activities and activity;

LOC 2 – Understand the definition of «didactic provision» in preschool education;

LOC 3 – Have the skills to compile an approximate list of didactic materials;

LOC 4 – They have the skills to develop the structure of a didactic game using electronic resources.

Post requisites: Pedagogical Practice

Optional component 3

Course: **Psychological and pedagogical diagnostics with a workshop**

Intensity of the Course: 5 academic credits

Module Code: ECDPEP – 5

Module Name: Early childhood development and preschool education

Prerequisites: Workshop on the organization of play activities for children of early and preschool age

Purpose: mastering the procedures of diagnosis, correction, counseling of children in the field of preschool education

Short Description: The course reveals the basics of organizing and conducting psychological and pedagogical diagnostics. Students design diagnostic techniques (observation, conversation, interview, analysis of products of activity, etc.). They know the methods of diagnostic techniques, interpretation taking into account the age characteristics of children. As a result, students develop research skills in the application of psychological and pedagogical diagnostics. They reflect on their professional activities.

Learning Outcomes in EP (LOP):

LOP 7 – Implement their own research activities, manage the project work of children.

LOP 8 – Establish partnership with the family in the development of the cognitive, socio- emotional sphere of the preschooler.

LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrate knowledge of qualitative and quantitative methods, the possibility of their use in conducting psychological and pedagogical research;

LOC 2 – He is able to select diagnostic techniques, carry out the diagnostic procedure and process diagnostic results;

LOC 3 – Owns various methods of selection of diagnostic techniques and interpretation of diagnostic results taking into account the age characteristics of children;

LOC 4 – Evaluates the individual development of the child within the framework of pedagogical and psychological–pedagogical diagnostics.

Post requisites: Pedagogical Practice

Optional component 4

Course: **Fundamentals of mathematics with a workshop**

Intensity of the Course: 6 academic credits

Module Code: MOAPOP – 6

Module Name: Methods of organized activities in preschool organization

Prerequisites: Methods of cognition of the world with a workshop

Purpose: preparation of the future teacher for teaching the methodology of mathematics for preschool children.

Short Description: The purpose of discipline: formation of students' ideas about the theoretical, practical foundations of mathematics. Students demonstrate knowledge about role of mathematical pre-school education at the present stage. Analyze the content, forms, methods, and means of teaching basics of mathematics. Know the methodology of forming quantitative representations, counting, representations of object's size, geometric shapes, spatial

representations, time. Design the OA «Fundamentals of Mathematics», create safe developing environment. Assess level of cognitive development of children, support favorable inclusive conditions for child development.

Learning Outcomes in EP (LOP):

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.

LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

Learning Outcomes in Course (LOC):

LOC 1 – Demonstrate knowledge of the State mandatory standard of preschool education and Training, the Standard curriculum of preschool education and training of preschool education and training;

LOC 2 – Various methods of diagnosing the mathematical development of children are used;

LOC 4 – Analyze organized activities on the basics of mathematics of preschoolers, the results of diagnosing preschoolers;

LOC 5 – Planning of organized activities on the basics of mathematics in different age groups of preschool organizations using game technologies;

LOC 6 – Forecasting the results of work on the basics of mathematics.

Post requisites: Methods of organizing project activities of preschoolers

Optional component 4

Course: **Entertaining mathematics**
Intensity of the Course: 6 academic credits
Module Code: MOAPOP – 6
Module Name: Methods of organized activities in preschool organization
Prerequisites: Methods of cognition of the world with a workshop
Purpose: preparation of a future teacher for the ability to broaden the horizons of preschool children in various fields of elementary mathematics using entertaining material.

Short Description: The course is aimed at the formation of future teacher's knowledge in the field of development of mathematical abilities, elements of logical and algorithmic literacy of preschoolers. Students demonstrate knowledge of the relevance of children's intellectual development through entertaining mathematics. Possess skills of organizing a developing environment to ensure logical thinking of preschoolers through mathematical games («Mathematical domino»). Model the algorithm for solving a numerical crossword puzzle; counting material, board-printed games. Possess practical skills of working with geometric shapes; X. Kuizener sticks; Dienes blocks.

Learning Outcomes in EP (LOP):

LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.

LOP 6 – Plan and carry out organized activities of speech, mathematical, physical, cognitive, artistic, creative development of preschool children.

LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.

LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.

Learning Outcomes in Course (LOC):

LOC 1 – Knowledge of the system of work on mathematical development of preschool children;

LOC 2 – Understanding age-related patterns of intellectual development of a child, his cognitive processes;

LOC 3 – The use of various entertaining materials in working with preschoolers; methods of diagnosing mathematical development of children;

LOC 4 – Analysis of entertaining material for mathematical development of preschoolers;

LOC 5 – Development of organized activities in preschool organizations using modern educational technologies;

LOC 6 – Forecasting the results of work on the formation of elementary mathematical representations of children.

Post requisites: Methods of organizing project activities of preschoolers

Optional component 5

Course: **Methods of organizing project activities of preschoolers**

Intensity of the Course: 5 academic credits
Module Code: MOAPOP – 6
Module Name: Methods of organized activities in preschool organization
Prerequisites: Methods of cognition of the world with a workshop
Purpose: formation of theoretical knowledge and practical skills in project activities of preschool children
Short Description: The course provides for the development of competencies that allow the organization of research and project activities of preschoolers. Students identify the features of project activities in preschool education. Planning stages; design a methodology for organizing project activities taking into account various approaches. They integrate communicative, reflective professional skills in the organization of project activities. They have the skills to build an analysis, methods of assessing the achievements of preschoolers in project activities. Attract parents to work together on the project. Present the developed project.
Learning Outcomes in EP (LOP):
LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.
LOP 7 – Implement their own research activities, manage the project work of children.
LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.
LOP 11 – Carry out managerial activities; build a personal educational trajectory throughout life for self-development and career growth.
Learning Outcomes in Course (LOC):
LOC 1 – Knows the essence, structure, ways of organizing project activities with preschoolers;
LOC 2 – Understands and has the skills to organize the project activities of preschool children;
LOC 3 – Classifies projects according to the age and individual characteristics of preschool children;
LOC 4 – Organizes the joint process of project activities with preschoolers, stages, algorithm of project preparation, presentation and defense;
LOC 5 – Selects electronic resources.
Post requisites: Fundamentals of Educational research

Optional component 5

Course: **Fundamentals of Digital Literacy and Cybersecurity**
Intensity of the Course: 5 academic credits
Module Code: MOAPOP – 6
Module Name: Methods of organized activities in preschool organization
Prerequisites: Methods of cognition of the world with a workshop
Purpose: formation of students' professional ICT competence of a teacher, scientific ideas about the essence and functions of modern multimedia systems and technologies, mastering practical skills of using multimedia technologies in solving practical problems.
Short Description: The purpose of the discipline: is the formation of professional ICT competence of a teacher. Students study the basics of digital literacy and cybersecurity, information technology, multimedia, digital content and its properties. Choose the tools of information technology. The course forms the skills of developing informational, educational, and multimedia content. Students justify the choice of information programs. Possess various types of information technologies for use in professional activities.
Learning Outcomes in EP (LOP):
LOP 3 – Demonstrate knowledge of and adherence to ethical and legal norms in research and use of digital technologies. Apply security measures when working with digital information and data protection, promote the active, safe and ethical use of digital resources.
LOP 9 – Choose a tool for assessing the achievements of preschool children, monitor the quality of the educational process of a preschool organization.
LOP 10 – Analyze and implement innovative technologies, apply the world experience of preschool education.
Learning Outcomes in Course (LOC):
LOC 1 – Demonstrate knowledge of the technology of creating multimedia products in the educational process of a preschool organization;
LOC 2 – They are able to create electronic educational resources: publications and presentations; audio, visual and audiovisual documents; web pages; training and monitoring programs, electronic reference books;
LOC 3 – Have the skills to use a local and global computer network to support learning.
Post requisites: Fundamentals of Educational research