



7M01201-PEDAGOGY OF PRESCHOOL EDUCATION AND UPBRINGING CYCLE OF BASIC DISCIPLINES ELECTIVE COMPONENT

Optional component 1

Course: Pedagogical concepts of early development

Intensity of the Course: 5 academic credits

Module Code: SC

Module Name: Subject competence

Prerequisites: no.

Purpose: Training of professional teaching staff capable of scientifically and theoretically analyzing educational and upbringing processes, mastering various pedagogical concepts, and prepared to work with young children.

Short Description: The discipline is aimed at developing professional competencies in the field of preschool education through mastering modern approaches and exploring personal practices. During the discipline, master's students demonstrate knowledge of philosophical and pedagogical concepts of childhood. They study preschool childhood as a socio-cultural and pedagogical phenomenon; issues of early child development as a subject of child activity; and trends in the development of modern preschool education. Students analyze research on contemporary childhood issues. They initiate general didactic principles for selecting educational content for preschool children. They define the specifics and genesis of children's activities (play). They conduct research and analysis of scientific information using digital tools and are able to argue their viewpoints based on the fundamental foundations of the studied discipline.

Learning Outcomes in EP (LOP):

LOP 2 Applies the theoretical and methodological foundations of the development of pedagogical and psychological sciences, teaching methods based on inclusive principles considering students with diverse abilities, processes of management and acquisition, and the essence and content of psychological and pedagogical research in professional practice.

LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.

LOP 6 - Studies preschool childhood as a sociocultural and pedagogical phenomenon: genesis, problems, concepts, and trends in modern preschool education.

Learning Outcomes in Course (LOC):

LOC 1 - Can scientifically and pedagogically analyze the developmental characteristics of young children;

LOC 2 – Compares domestic and foreign pedagogical concepts of early development and understands their content;

LOC 3 – Is able to apply various theoretical approaches to early development in professional practice;

LOC 4 – Analyzes social, cultural, and psychological factors influencing early development;

LOC 5 – Applies pedagogical technologies in practice aimed at creating a developmental environment and fostering the abilities of young children.

Postrequisites: Designing the educational process of a preschool organization, Higher school pedagogy and psychology



Optional component 1

Course: Anthropology of childhood

Intensity of the Course: 5 academic credits

Module Code: SC

Module Name: Subject competence

Prerequisites: no.

Purpose: To develop in master's students a scientific understanding of childhood as a cultural and social phenomenon within the context of early childhood education.

Short Description: Within the discipline, students will explore approaches to the analysis of childhood in educational anthropology and reflect on the adult's role in shaping a child's experience. Emphasis will be placed on developing a critical perspective on pedagogical practices, the learning environment, and adult-child interactions. The discipline also includes the analysis of educational practices, the study of children's communication, play, and the development of empathy through observation. Students will engage with practical scenarios, organization and interpretation of children's practices (such as play, drawings, and speech), video materials, case studies, and more.

Learning Outcomes in EP (LOP):

LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.

LOP 6 - Studies preschool childhood as a sociocultural and pedagogical phenomenon: genesis, problems, concepts, and trends in modern preschool education.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

LOP 11 - Implements the marketing strategy of the preschool organization through building effective communication with the parent community.

Learning Outcomes in Course (LOC):

LOC 1 – Understands the phenomenon of childhood from anthropological and cultural perspectives;

LOC 2 – Is able to analyze the historical and social characteristics of childhood across different eras and cultures;

LOC 3 – Possesses knowledge of modern theories and methodological approaches in the study of childhood;

LOC 4 – Develops a critical attitude toward changes in sociPostrequisites: Modern approaches to childhood and parenting

Optional component 2

Course: Leadership and strategic management in a preschool organization

Intensity of the Course: 5 academic credits

Module Code: SC

Module Name: Subject competence

Prerequisites: no.



Purpose: developing managerial, strategic, and leadership qualities in master's students necessary for the effective functioning of preschool organizations. *Short Description:* The discipline covers: theories and styles of leadership in education, the specifics of strategic management in the preschool system; the mission, vision, and goals of preschool organizations; analysis and forecasting of preschool activities; innovative leadership and project management; effective communication and decision-making. Master's students will develop competencies such as the ability to use diagnostic and monitoring methods, skills in analyzing and forecasting preschool activities, evaluating the effectiveness and sustainability of preschool development (SWOT analysis), and building cooperation with parents, educators, and external partners.

Learning Outcomes in EP (LOP):

LOP 5 Applies modern methods and technologies for organizing educational activities, diagnosing and assessing the quality of the educational process of a preschool organization in accordance with a standard curriculum;

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

LOP 11 - Implements the marketing strategy of the preschool organization through building effective communication with the parent community.

LOP 12 - Develops models of successful leadership and projects for strategies of effective management of preschool organizations and their resources.

Learning Outcomes in Course (LOC):

LOC 1 - Master the theoretical foundations of leadership in an educational organization;

LOC 2 – Able to analyze leadership styles and models in the context of a preschool organization;

LOC 3 – Develops skills in strategic planning, setting mission, vision, and goals;

LOC 4 – Possesses tools for analyzing the internal and external environment of the organization (SWOT analysis, monitoring, diagnostics);

LOC 5 – Ready to make managerial decisions and exercise professional responsibility.

Postrequisites: Pedagogical practice

Optional component 2

Course: Professional identity of a teacher in preschool education

Intensity of the Course: 5 academic credits

Module Code: SC

Module Name: Subject competence

Prerequisites: no.

Purpose: Master's students will explore the core principles and values that underlie professional activity, along with methods of effective interaction with preschool children, their parents, and colleagues in accordance with the Professional Standard "Pedagogue" and other relevant standards for educators.

Short Description: The discipline is focused on studying the phenomenon of professional identity of educators in the context of preschool education. The discipline content includes various aspects aimed at developing a conscious understanding of the professional role of a preschool teacher, as well as enhancing pedagogical skills and competencies.

Practical sessions are designed to foster personal qualities, adaptability to various educational situations, and strategies for self-reflection essential for becoming a competent and



professionally prepared preschool teacher. As part of the discipline, students will acquire practices of self-analysis and reflection on their professional experiences.

Learning Outcomes in EP (LOP):

LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.

LOP 6 - Studies preschool childhood as a sociocultural and pedagogical phenomenon: genesis, problems, concepts, and trends in modern preschool education.

LOP 7 - Understands the identity of the preschool educator's role; possesses skills in self-analysis, reflection, and readiness for independent search of professional information and resources.

LOP 8 - Has knowledge and skills in integrating sustainable development goals into preschool education to provide quality education.

Learning Outcomes in Course (LOC):

LOC 1 - Able to analyze the teacher's activities based on professional standards and regulatory documents;

LOC 2 – Demonstrates the need for professional development, develops skills in self-assessment and professional reflection;

LOC 3 – Builds an individual trajectory of professional development and implements the ideas of lifelong learning;

LOC 4 – Ready to adhere to pedagogical ethics, professional motivation, and value orientations.

Postrequisites: Pedagogical practice

Optional component 3

Course: **Development of a psychologically comfortable educational environment**

Intensity of the Course: 5 academic credits

Module Code: SC

Module Name: Subject competence

Prerequisites: no.

Purpose: The goal of the discipline is to equip master's students with the necessary knowledge and skills to successfully create and maintain a psychologically favorable educational environment that supports effective learning and the holistic development of children.

Short Description: The discipline focuses on the study of strategies and methods aimed at creating a supportive, psychologically comfortable, and safe environment for children's learning and development. Within the discipline, students will study the psychological, pedagogical, and social aspects of environment creation, the conditions for ensuring safety and well-being, the role of the educator in establishing a positive climate, conflict prevention and resolution, as well as techniques for developing emotional intelligence and empathy in both educators and children.

Learning Outcomes in EP (LOP):

LOP 7 - Understands the identity of the preschool educator's role; possesses skills in self-analysis, reflection, and readiness for independent search of professional information and resources.

LOP 8 - Has knowledge and skills in integrating sustainable development goals into preschool education to provide quality education.



LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

Learning Outcomes in Course (LOC):

LOC 1 - Masters the theoretical foundations of a psychologically safe and comfortable educational environment;

LOC 2- Can apply methods for assessing and regulating the emotional and social atmosphere in a preschool organization;

LOC 3- Develops skills for establishing effective interaction between teacher and child, teacher and parents, as well as within the team;

LOC 4- Is ready to create an inclusive and learner-centered educational environment.

Postrequisites: Pedagogical practice

Optional component 3

Course: **Gamification in preschool education**

Intensity of the Course: 5 academic credits

Module Code: SC

Module Name: Subject competence

Prerequisites: Game learning in the educational process in a preschool organization

Purpose: to increase engagement and motivation for learning.

Short Description: the discipline explores gamification in early childhood education and the organization of play-based activities for preschool children that support the development of real-life experience. Master's students demonstrate knowledge of the essence of gamification, design thinking, and gamification tools used in organizing the educational process in preschools. They design game-based learning models, integrate play into non-play contexts, and apply digital educational resources to support preschoolers' structured learning activities. Students also develop quests—digital content for preschool children—and create programs to engage families in the educational process, effective feedback based on assessment results.

Learning Outcomes in EP (LOP):

LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.

LOP 7 - Understands the identity of the preschool educator's role; possesses skills in self-analysis, reflection, and readiness for independent search of professional information and resources.

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

Learning Outcomes in Course (LOC):

LOC 1 - Understands the theoretical foundations of gamification and its role in preschool education;

LOC 2 – Develops skills for effective use of gamification elements to increase motivation in the learning process;



LOC 3 – Can apply methods for integrating digital and analog gaming tools in the educational environment;

LOC 4 – Develops skills for adapting and transforming educational programs based on gamification.

Postrequisites: Pedagogical practice

CYCLE OF PROFILING COURSES COMPONENT OF CHOICE

Optional component 1

Course: Modern approaches to childhood and parenting

Intensity of the Course: 5 academic credits

Module Code: SC

Module Name: Subject competence

Prerequisites: no

Purpose: the acquisition by master's students of various theoretical approaches to understanding childhood (sociological, psychological, etc.), the perception and role of the child in society, and the transformation of parental roles and expectations.

Short Description: The discipline focuses on the study of the evolution of concepts of childhood and parenting within social, psychological, and pedagogical contexts. During practical sessions, students will analyze the impact of globalization and the digital environment on family dynamics, child-rearing, and development; assess social factors influencing childhood and parenting practices; and develop recommendations for supporting families and early childhood.

Learning Outcomes in EP (LOP):

LOP 6 - Studies preschool childhood as a sociocultural and pedagogical phenomenon: genesis, problems, concepts, and trends in modern preschool education.

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 11 - Implements the marketing strategy of the preschool organization through building effective communication with the parent community.

Learning Outcomes in Course (LOC):

LOC 1 Understands the phenomenon of childhood from historical, cultural, and social perspectives;

LOC 2 – Analyzes the educational role of parents in modern society based on scientific foundations;

LOC 3 – Applies modern methods and technologies for organizing educational activities, conducts diagnostics and quality assessment of the educational process according to standard programs;

LOC 4 – Can implement strategies to strengthen cooperation between the family and the educational organization;

LOC 5 – Recognizes the responsibility of parents in protecting the rights and interests of the child. *Postrequisites:* Pedagogical practice

Optional component 1

Course: Game learning in the educational process in a preschool organization

Intensity of the Course: 5 academic credits



Module Code: SC

Module Name: Subject competence

Prerequisites: no

Purpose: To develop professional knowledge and practical skills among master's students in using play as a leading method for educating, teaching, and developing preschool children.

Short Description: The discipline content includes the psychological and pedagogical foundations of play in early childhood, technologies for organizing play-based learning in accordance with the Standard Curriculum for Preschool Education and Training, and methods for integrating play activities into structured learning (speech development, basics of mathematics, exploring the environment, etc.). In practical sessions, students will analyze and classify games, develop game scenarios integrated into structured activities (speech, cognitive, physical development, etc.), design play situations, model and simulate fragments of organized activities using play-based technologies, and select appropriate play materials.

Learning Outcomes in EP (LOP):

LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.

LOP 7 - Understands the identity of the preschool educator's role; possesses skills in self-analysis, reflection, and readiness for independent search of professional information and resources.

LOP 8 - Has knowledge and skills in integrating sustainable development goals into preschool education to provide quality education.

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

Learning Outcomes in Course (LOC):

LOC 1 - Masters the theoretical foundations of learning through play;

LOC 2 – Can effectively implement game-based technologies in the educational process, taking into account the age characteristics of preschool children;

LOC 3 – Possesses skills in the pedagogical use of various types of games (didactic, role-playing, physical, plot-based, etc.);

LOC 4 – Develops skills in planning, organizing, and reflecting on play activities.

Postrequisites: Gamification in preschool education

Optional component 2

Course: Methods of teaching pedagogical disciplines

Intensity of the Course: 5 academic credits

Module Code: PC

Module Name: Professional competence

Prerequisites: Higher school pedagogy and psychology

Purpose: To develop postgraduate students' in-depth knowledge and skills necessary for the effective organization and management of the educational process in higher education institutions..

Short Description: Within this course, master's students explore modern teaching methods that include both traditional and innovative approaches, such as lectures, seminars, practical classes, project-based learning, case methods, the use of information and



communication technologies, and artificial intelligence (AI). Special emphasis is placed on implementing active learning methods, including problem-based, research-based, and distance learning. Master's students acquire skills in applying contemporary teaching methods and technologies, managing the educational process, utilizing ICT and assessment methods, as well as creating an effective learning environment.

Learning Outcomes in EP (LOP):

LOP 2 - – Applies the theoretical and methodological foundations of the development of pedagogical and psychological sciences, teaching methods based on inclusive principles considering students with diverse abilities, processes of management and acquisition, and the essence and content of psychological and pedagogical research in professional practice.

LOP 3 - Presents the structure, methodology, data, and conclusions of the research in accordance with academic standards, while observing ethical norms at all stages of the scientific process.

Learning Outcomes in Course (LOC):

LOC 1 - Know the main categories of the regulatory and legal framework governing the activities of educational organizations, as well as the main patterns and trends in the development of contemporary global education.;

LOC 2 – Analyze the content of teaching methodology for pedagogical disciplines;

LOC 3 – Develop educational programs, thematic and calendar plans, and instructional activity projects;

LOC 4 – Demonstrate skills in discussing the principles of structuring pedagogy as an academic discipline and methods for organizing the acquisition of the content of pedagogical disciplines.;

LOC 5 – Implement the theoretical foundations of teaching methodology for pedagogical disciplines.

Postrequisites: Research practice

Course: Methodological support of preschool education

Intensity of the Course: 5 academic credits.

Module Code: PC

Module Name: Professional Competencies

Prerequisites: Methods of teaching pedagogical disciplines

Purpose: to developing professional knowledge and skills among master's students in the field of methodological support for preschool education.

Short Description: The discipline includes modern approaches to organizing methodological work in preschool institutions and the methodological support of children's social-communicative, intellectual-cognitive, physical, and artistic development. During the discipline, students will acquire skills in planning and coordinating methodological activities in preschool organizations; organizing methodological work (seminars, consultations, workshops, etc.); supporting the educational activities of teachers; implementing innovative pedagogical technologies; and monitoring the professional development of educational staff. They will also master modern methods of data collection, analysis, storage, and use in educational and managerial practice.

Learning Outcomes in EP (LOP):

LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.



LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

Learning Outcomes in Course (LOC):

LOC 1 - Know the content of work related to the educational and methodological support of preschool organizations;

LOC 2 – Conduct psychological and pedagogical analysis of educational concepts, systems, programs, and technologies in preschool education and upbringing;

LOC 3 – Apply modern methods and technologies for organizing educational activities;

LOC 4 – Be able to analyze information, ideas, issues of methodological work, and ways to solve them;

LOC 5 – Design and implement methodological support for the communicative, speech, cognitive, physical, creative, and social development of children in a preschool organization;

LOC 6 – Apply professional knowledge and skills in shaping the educational environment and implementing innovative educational policy in preschool education and upbringing.

Postrequisites: Pedagogical practice

Optional component 2

Course: Designing the educational process of a preschool organization

Intensity of the Course: 5 academic credits

Module Code: PC

Module Name: Professional competence

Prerequisites: Higher school pedagogy and psychology

Purpose: To develop professional skills in master's students for planning, modeling, and organizing the educational and upbringing process in preschool organizations, taking into account the age characteristics of children, modern approaches, and regulatory requirements.

Short Description: foundations of educational design; acquire skills in creating educational programs, plans, and projects; and learn to apply a project-based approach in developing the learning environment and interacting with families. Upon completion, students will have developed skills in reflecting on and analyzing pedagogical activities, monitoring the educational process, analyzing results and adjusting plans, and using psychological and pedagogical diagnostic methods to assess the effectiveness of the educational and upbringing process in preschool organizations

Learning Outcomes in EP (LOP):

LOP 8 - Has knowledge and skills in integrating sustainable development goals into preschool education to provide quality education.

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

LOP 11 - Implements the marketing strategy of the preschool organization through building effective communication with the parent community.

Learning Outcomes in Course (LOC):



LOC 1 - Masters the theoretical and methodological foundations of designing the educational and upbringing process;

LOC 2 – Designs educational content taking into account the age characteristics of preschool children;

LOC 3 – Can develop educational programs, calendar-thematic plans, and project-based learning activities;

LOC 4 – Makes effective pedagogical decisions considering modern requirements for upbringing and education, as well as regulatory documents;

LOC 5 – Develops experience in designing the educational environment in collaboration with parents and educators.

Postrequisites: Research practice

Optional component 2

Course: Development of a preschool organization development program

Intensity of the Course: 5 academic credits

Module Code: PC

Module Name: Professional competence

Prerequisites: Methods of teaching pedagogical disciplines

Purpose: To develop professional skills and knowledge in master's students necessary for designing, developing, and implementing a development program for a preschool organization.

Short Description: Goal: The discipline content includes regulatory, legal, organizational, and managerial aspects of development program creation; methodological foundations of strategic planning; methods for analyzing the internal and external environment of a preschool organization (SWOT analysis, monitoring, diagnostics, goal-setting technologies, resource planning, and effectiveness evaluation). Master's students will learn to develop a development program project considering modern challenges, the specific characteristics of the children's contingent, and the resources of the preschool organization. They will also master techniques for analyzing the internal and external environment, and for developing the mission, goals, objectives, and strategic directions for development. *Learning Outcomes in EP (LOP):*

LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.

LOP 7 - Understands the identity of the preschool educator's role; possesses skills in self-analysis, reflection, and readiness for independent search of professional information and resources.

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

Learning Outcomes in Course (LOC):

LOC 1 - Know the goals, objectives, structure, and principles of designing core educational programs for preschool children, as well as the requirements for justifying and developing the variable part of preschool educational organizations;

LOC 2 – Be able to analyze child upbringing and education programs, and explain different approaches to the content of preschool education;



LOC 3 – Use methods for developing and implementing the content of preschool education in the Republic of Kazakhstan;

LOC 4 – Design strategic development plans for preschool organizations;

LOC 5 – Develop the scientific foundations for organizing and structuring preschool upbringing and education;

LOC 6 – Follow the diversity of modern educational programs, as well as their adaptation and application in specific pedagogical contexts.

Postrequisites: Research practice

Optional component 3

Course: Digital pedagogy in the preschool education system.

Intensity of the Course: 5 academic credits.

Module Code: PC

Module Name: Professional Competencies

Prerequisites: Qualitative and Quantitative Research Methods

Purpose: To develop postgraduate students' skills and competencies in applying digital tools and technologies in preschool education..

Short Description: Upon completion of this course, postgraduate students will be able to master the design and implementation of digital educational scenarios for preschool children; develop integrated educational activities combining offline and digital formats; acquire digital and technological competencies (Digital & EdTech Skills); use modern EdTech tools, including interactive platforms, applications, and Learning Management Systems (LMS); create multimedia content, including videos, animations, interactive games, and interactive learning materials; use online platforms, multimedia, and basic AI-based solutions in teaching preschool children, taking into account their age-related and psychophysiological characteristics; organize effective interaction with parents through digital platforms, including online consultations and Play Hub; and analyze preschool children's learning outcomes using digital data.

Learning Outcomes in EP (LOP):

LOP 7 - Applies self-analysis and reflection skills, independently searches for and utilizes professional information and resources, while being aware of the professional role of an early childhood educator..

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

Learning Outcomes in Course (LOC):

LOC 1 - Know the theoretical and methodological foundations of digital pedagogy in the preschool education system, its key concepts, and current development trends.;

LOC 2 – Analyze digital educational resources and technologies from a pedagogical perspective and evaluate their effectiveness, taking into account the age-related and psychological characteristics of preschool children;

LOC 3 – Develop methodological approaches to the application of digital technologies in preschool education and integrate them into the educational process;

LOC 4 – Design a digital educational environment in preschool organizations and purposefully select and apply digital tools and interactive resources;

Postrequisites: Pedagogical practice



Optional component 3

Course: Psychological and pedagogical expertise of the educational process

Intensity of the Course: 5 academic credits.

Module Code: PC

Module Name: Professional Competencies

Prerequisites: Higher school pedagogy and psychology

Purpose to develop professional competencies in master's students in the analysis, evaluation, and improvement of the quality of the educational process in preschool organizations.

Short Description: The discipline content includes theoretical and methodological foundations of psycho-pedagogical expertise, methods and technologies of expert evaluation, criteria for the effectiveness of the subject-spatial developmental environment, and the level of the child's mental development. As a result of the discipline, during practical sessions, master's students will acquire skills in case analysis, diagnostics, evaluation of the quality of the educational process and the subject-spatial developmental environment, assessing children's development levels, identifying problems in teaching and upbringing, and ensuring the psychological safety of preschool children.

Learning Outcomes in EP (LOP):

LOP 6 - Studies preschool childhood as a sociocultural and pedagogical phenomenon: genesis, problems, concepts, and trends in modern preschool education.

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

The Learning Outcomes in Course (LOC):

LOC 1 - now the essence of scientific and pedagogical expertise, its main methods, features, and implementation methodology in the preschool education system based on modern scientific approaches;

LOC 2 – Carry out expert evaluation of various approaches, concepts, and educational systems, using analysis criteria;

LOC 3 – Apply methods of psychological and pedagogical diagnostics of educational systems in preschool organizations, as well as methods of design, implementation, development monitoring, expertise, and correction;

LOC 4 – Determine indicators of the effectiveness of pedagogical activity, as well as the rules and norms of pedagogical assessment, independently solve arising problems;

LOC 5 – Formulate recommendations based on the results of psychological and pedagogical expertise.

Postrequisites: Research practice

Optional component 2

Course: Assessment of the quality of preschool education

Intensity of the Course: 5 academic credits

Module Code: PC



Module Name: Professional competence

Prerequisites: Quantitative research and data analysis

Purpose: to study of models and quality criteria in early childhood education, methods for evaluating pedagogical performance, and mechanisms for improving the quality of the educational process in preschool educational institutions.

Short Description: As part of the discipline, master's students will become familiar with regulatory legal acts in the field of early childhood education, master tools and methods for diagnosing, analyzing, and monitoring educational quality. They will develop instruments for assessing the quality of preschool education (such as questionnaires, tests, surveys, etc.) and acquire skills in analyzing data obtained through quality assessment processes.

Learning Outcomes in EP (LOP):

LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.

LOP 8 - Has knowledge and skills in integrating sustainable development goals into preschool education to provide quality education.

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

Learning Outcomes in Course (LOC):

LOC 1 - Masters the theoretical and methodological foundations of designing the educational and upbringing process;

LOC 2 – Designs educational content taking into account the age characteristics of preschool children;

LOC 3 – Can develop educational programs, calendar-thematic plans, and project-based learning activities;

LOC 4 – Makes effective pedagogical decisions considering modern requirements for upbringing and education, as well as regulatory documents;

LOC 5 – Develops experience in designing the educational environment in collaboration with parents and educators.

Postrequisites: Pedagogical practice

Optional component 2

Course: Educational marketing in preschool organization

Intensity of the Course: 5 academic credits

Module Code: PC

Module Name: Professional competence

Prerequisites: no

Purpose: To develop professional skills and knowledge in master's students necessary for designing, developing, and implementing a development program for a preschool organization.

Short Description: Formation of a systematic understanding of marketing processes in the field of early childhood education among master's students and the development of skills in analyzing, planning, and implementing strategies for promoting and developing educational services in preschool organizations. Within the discipline, students study the fundamentals of



educational and social marketing, learn to analyze the needs of parents and the educational market, and master methods for building and promoting the image of preschool institutions. As a result, they develop a marketing strategy and acquire communication skills for engaging with target groups (parents, administrative bodies, the public).

Learning Outcomes in EP (LOP):

LOP 7 - Understands the identity of the preschool educator's role; possesses skills in self-analysis, reflection, and readiness for independent search of professional information and resources.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

LOP 11 - Implements the marketing strategy of the preschool organization through building effective communication with the parent community.

LOP 12 - Develops models of successful leadership and projects for strategies of effective management of preschool organizations and their resources.

Learning Outcomes in Course (LOC):

LOC 1 - Know modern approaches and technologies for managing marketing activities in a preschool educational organization (PEO);

LOC 2 – Analyze staff needs in the context of preschool organization development;

LOC 3 – Use promotion channels in the preschool education services market and design the organization of marketing activities in accordance with standards; solve professional tasks;

LOC 4 – Develop marketing event plans for preschool organizations;

LOC 5 – Acquire skills in marketing information support;

LOC 6 – Assess the interests of consumers of educational services and develop a roadmap for the development of the preschool organization.

Postrequisites: Research practice

Optional component 3

Course: Sustainable development in preschool education

Intensity of the Course: 5 academic credits.

Module Code: PC

Module Name: Professional Competencies

Prerequisites: no

Purpose: to developing professional knowledge and competencies in master's students necessary for integrating sustainable development into preschool education.

Short Description: The curriculum covers the mastery of Sustainable Development Goals in education, theoretical foundations of sustainable development, its ecological, social, and economic aspects, as well as ways of implementation within the educational environment of preschool organizations. Students will study the National Educational Strategy for Sustainable Development of Kazakhstan, key tasks of education for sustainable development, education for stability, and quality education. Master's students will explore the role of the educator as a promoter of sustainable values in education, methods for developing ecological culture and responsibility in preschool children, and creating a developmental environment. They will acquire skills in pedagogical practices related to sustainable development.

Learning Outcomes in EP (LOP):



LOP 5 - Possesses knowledge of regulatory and legal acts governing preschool education and quality assessment, as well as skills in developing methodological documentation for preschool organizations.

LOP 8 - Has knowledge and skills in integrating sustainable development goals into preschool education to provide quality education.

LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

LOP 12 - Develops models of successful leadership and projects for strategies of effective management of preschool organizations and their resources.

Learning Outcomes in Course (LOC):

LOC 1 - Understands pedagogical approaches to fostering ecological culture and social responsibility in children;

LOC 2 – Masters the essence, principles, and directions of the sustainable development concept;

LOC 3 – Learns to align the educational content in preschool settings with the ideas of sustainable development;

LOC 4 – Acquires methods for creating a pedagogical environment for sustainable development in educational institutions and analyzes the main stages of practical-experimental work and statistical criteria. *Postrequisites:* Pedagogical practice

Optional component 3

Course: Development of preschool children's research activities

Intensity of the Course: 5 academic credits

Module Code: PC

Module Name: Professional Competencies

Prerequisites: no

Purpose to develop professional competencies in master's students in the analysis, evaluation, and improvement of the quality of the educational process in preschool organizations.

Short Description: The discipline content includes theoretical and methodological foundations of psycho-pedagogical expertise, methods and technologies of expert evaluation, criteria for the effectiveness of the subject-spatial developmental environment, and the level of the child's mental development. As a result of the discipline, during practical sessions, master's students will acquire skills in case analysis, diagnostics, evaluation of the quality of the educational process and the subject-spatial developmental environment, assessing children's development levels, identifying problems in teaching and upbringing, and ensuring the psychological safety of preschool children.

Learning Outcomes in EP (LOP):

LOP 6 - Studies preschool childhood as a sociocultural and pedagogical phenomenon: genesis, problems, concepts, and trends in modern preschool education.

LOP 8 - Has knowledge and skills in integrating sustainable development goals into preschool education to provide quality education.



LOP 9 - Designs the educational process in the form of learning games incorporating gamification elements, digital resources, and research activities.

LOP 10 - Provides methodological support and psycho-pedagogical expertise of the educational process to develop the preschool organization.

The Learning Outcomes in Course (LOC):

LOC 1 - Masters the theoretical and methodological foundations of research activities;

LOC 2 – Understands the pedagogical conditions for developing cognitive interest, creativity, and independence in children;

LOC 3 – Applies methods of pedagogical support for children's research activities;

LOC 4 – Is able to use diagnostic tools to assess the level of development of research skills.

Postrequisites: Research practice