KAZAKH NATIONAL WOMEN'S TEACHER TRAINING UNIVERSITY

INSTITUTE OF PEDAGOGY AND PSYCHOLOGY
7M01105 – Pedagogy and psychology
CATALOG OF ELECTIVE DISCIPLINES

CONTENT

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1. **OPTIONAL COMPONENTS OF THE CYCLE OF CORE COURSES**

Optional component 1

Course: **Strategic management in education**
Intensity of the Course: 5 academic credits
Module Code: **CTCEM - 2**
Module Name: Communication and technology competency of the education manager
Prerequisites: HShP 5203. Higher School Pedagogy
Purpose: Formation of a person who possesses managerial qualities, knows the theory and practice of planning, the main ideas of the concept of strategic management in education.
Short Description: Theoretical foundations of strategic management in education. The main directions and essence of strategic management in education. Moral and ethical and regulatory legal acts. Preparing the education Manager for

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organizational activities. Complex methods of strategic management. Main aspects of choosing a development strategy. Types of organization development strategies. Strategic aspects of personnel management.

Learning Outcomes in EP (LOP):

LOP 1 - Formulates scientific approaches, principles of strategic management and the most important aspects of personnel management

Learning Outcomes in Course (LOC):

LOC 1 – know the importance and role of strategic management in education;

LOC 2 - using SWOT analysis as a strategic management tool;

LOC 3 - providing time-management assistance to the education manager;

LOC 4 - the relationship of leadership style with performance and the implementation of the laws of leadership.

Post requisites: **SCBC 5206. Scientific communication and business communication**

Optional component 1

Course: **Organizational management in education**
Intensity of the Course: 5 academic credits
Module Code: **CTCEM - 2.**
Module Name: Communication and technology competency of the education manager
Prerequisites: HShP 5203. Higher School Pedagogy
Purpose: equip with knowledge about the basics of management skills in mastering organizational management in education, moral, ethical and legal norms that develop a culture of critical thinking in preparation for the activities of a professional manager-manager in innovative management.

Short Description: Basic knowledge about the content, forms and subjects, methods and procedures of organizational management in education. Objective assessment in the field of various methods of analysis and organizational activities, the basics of organizational management in education, leadership-a professional Manager for a new organization.

Learning Outcomes in EP (LOP):

LOP 1 - Formulates scientific approaches, principles of strategic management and the most important aspects of personnel management

Learning Outcomes in Course (LOC):

LOC 1 – activity leadership: development of the ability to organize the interaction of the task, the team and the individual with each other;

LOC 2 - the main tasks of effective management: the ability to distinguish between leadership and organizational changes;

LOC 3 - the leader of the XXI century should be able to have a dialogue as a way of communication;

LOC 4 - the relationship of leadership style with performance and the implementation of the laws of leadership.

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Post requisites: **CBC5206-1.Communication and business communication.**

Optional component 2

Course: **Scientific communication and business communication**
Intensity of the Course: 5 academic credits
Module Code: **CTCEM - 2**
Module Name: Communication and technology competency of the education manager
Prerequisites: HShP 5203. Higher School Pedagogy
Purpose: formation of a culture of scientific and business communication and professional competence of undergraduates.
Short Description: Scientific understanding of the significance, features and types of scientific communication in business communication. The essence of the concepts" scientific communication "and" business relations". System approach as a complete and self-organizing system. Scientific communication. Academic communication. Publications in scientific journals. Theory of verbal communication in professional activity. Relationships as a means of business ethics. Purpose, content, and means of communication. Rules of corporate ethics and business communication.
Learning Outcomes in EP (LOP):
LOP 1 - Demonstrates the essence and principles of managing educational systems as a special activity
Learning Outcomes in Course (LOC):
LOC 1 – know the importance and role of strategic management in education;
LOC 2 - using SWOT analysis as a strategic management tool;
LOC 3 - providing time-management assistance to the education manager;
LOC 4 - the relationship of leadership style with performance and the implementation of the laws of leadership.
Post requisites: **ITCM 5207. Information technology competence of the Manager**

Optional component 2

Discipline: **Communication and Business communication**
Intensity of the Course: 5 academic credits
Module Code: **CTCEM - 2**
Module Name: Communication and technology competency of the education manager
Prerequisites: HShP 5203. Higher School Pedagogy

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Purpose: formation of professionally important qualities, professional competence and general cultural development among undergraduates.

Short Description: The concept of relationship. Types and communication strategy. Culture of communication. Culture of speech in communication. The concept of business communication. Features and principles of business communication. Ethics of business communication. Technology of business communication. Forms and types of business communication. The role and activity of business communication. Orientation as a manifestation of a motivational-value attitude to professional activity. The main conditions for the effectiveness of business communication.

Learning Outcomes in EP (LOP):
LOP 1 - Demonstrates the essence and principles of managing educational systems as a special activity
Learning Outcomes in Course (LOC):
LOC 1 – know the importance and role of strategic management in education;
LOC 2 - using SWOT analysis as a strategic management tool;
LOC 3 - providing time-management assistance to the education manager;
LOC 4 - the relationship of leadership style with performance and the implementation of the laws of leadership.
Post requisites: **ITCM 5207. Information technology competence of the Manager**

Optional component 3

Discipline: **Media culture of a teacher-psychologist**
Intensity of the Course: 5 academic credits
Module Code: **CTCEM - 2**
Module Name: Communication and technology competency of the education manager
Prerequisites: HShP 5203. Higher School Pedagogy
Purpose: theoretically substantiate the importance of the formation of media culture manager of education through the media, media education analysis of best practices of the countries of the near and far abroad.

Short Description: development of media education technologies, its place in society, the use of media technologies by future specialists in the system of domestic education, information about the importance of using mass media.

Learning Outcomes in EP (LOP):
LOP 9 - Demonstrates the skills of an oratorical Manager, defending their own position in solving professional problems in the management of the quality of education.

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Learning Outcomes in Course (LOC):
LOC 1 – - ownership of mass media aimed at the formation of media culture;
LOC 2 - using modern software tools.
*Post requisites: **ITCM 5207. Information technology competence of the Manager***

Optional component 4

Discipline: ***Use of media education technologies in higher education institutions***
Intensity of the Course: 5 academic credits
Module Code: **CTCEM - 2**
Module Name: Communication and technology competency of the education manager
Prerequisites: HShP 5203. Higher School Pedagogy
Purpose: Theoretically substantiate the possibility of using media education technologies in higher education, teach to use new media education technologies
Short Description: to teach at universities the development of media education technologies, its place in society, the use of media technologies for future specialists in the domestic education system, information about the importance of using mass media.
Learning Outcomes in EP (LOP):
    LOP 9 - Demonstrates the skills of an oratorical Manager, defending their own position in solving professional problems in the management of the quality of education.
Learning Outcomes in Course (LOC):
LOC 1 – development of media-forming technologies at the university;
LOC 2 - knowledge about the place of media education in society;
LOC 3 - application of media technologies.
*Post requisites: **ITCM 5207. Information technology competence of the Manager***

Optional component 5

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Course: **Psychological and pedagogical design in education**
Intensity of the Course: 5 academic credits
Module Code: **CTCEM - 2.**
Module Name: Communication and technology competency of the education manager
Prerequisites: HShP 5203. Higher School Pedagogy
Purpose: the discipline is to master the process of creating presumptive options for the upcoming professional activity, as well as the ability to predict the results of this activity.
Short Description: The concept of scientific and practical foundations of design as a special type of professional activity, a variety of areas, types and problems of design in the field of modern education. The nature, logic and content of psychological and pedagogical design in education. Structure, requirements for compilation. Characteristics of the main types of psychological and pedagogical projects. Specifics of project procedures, methods of their implementation. Personal characteristics required by the project participants.
Learning Outcomes in EP (LOP):
LOP 1 - Interprets the mechanisms for structuring a long-term and strategic plan for managing the quality of the educational process
Learning Outcomes in Course (LOC):
LOC 1 – The main tasks of effective design: to distinguish between research and organizational changes;
LOC 2 - critical thinking, the ability to anticipate problems and resolve conflicts, make decisions and take responsibility for them.
Post requisites: **DCM 5207-1. Diagnostic culture of the manager**

Optional component 6

Course: ***Psychological and pedagogical modeling in scientific research***
Intensity of the Course: 5 academic credits
Module Code: **CTCEM - 2.**
Module Name: Communication and technology competency of the education manager
Prerequisites: HShP 5203. Higher School Pedagogy
Purpose: the discipline is an in-depth study of the principles of constructing mathematical models of various classes when conducting scientific research based on both expert assessments and statistical information, using modern analytical and computational methods.

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Short Description: Classification of models. Cognitive, conceptual and formal models. Classification of mathematical models. Classification of mathematical models depending on the purposes of modeling. Classification of mathematical models depending on the methods of implementation. Methodological principles of model construction. The choice and justification of the choice of the method of solving the problem. Implementation of a mathematical model in the form of a computer program. Checking the adequacy of the model. Mathematical models in scientific research. Ecological-economic and medical-ecological-economic models. Modeling under conditions of uncertainty. Modeling under conditions of stochastic uncertainty.

Learning Outcomes in EP (LOP):
LOP 1 - Interprets the mechanisms for structuring a long-term and strategic plan for managing the quality of the educational process.

Learning Outcomes in Course (LOC):
LOC 1 – Be able to distinguish psychological and pedagogical modeling in scientific research from psychological and pedagogical design in education;
LOC 2 - critical thinking, the ability to anticipate problems and resolve conflicts, make decisions and take responsibility for them.

Post requisites: **ITCM 5207. Strategic management in education**

Optional component 7

Course: **Tutoring, mentoring and coaching in the activities of the education Manager**
Intensity of the Course: 5 academic credits
Module Code: **MAEM - 4.**
Module Name: Management activities of education manager
Prerequisites: MTPR 5301. Methodology and technique of pedagogical researches
Purpose: formation of skills for the effective use of scientifically based methods and means of developing competitiveness in accordance with the requirements of the labor market on the professional formation of a manager in the education system.

Short Description: Theoretical foundations of modern problems in improving the quality of competitiveness and intellectual potential of an education manager. Tutoring, mentoring and coaching in the activities of an education manager. Designing a model of a competitive specialist that meets the requirements of the modern labor market. Personal organization. Development of entrepreneurial abilities. Formation and development of business relations. Coaching is about achieving goals in the shortest possible time. Atmosphere of trust and respect.

Learning Outcomes in EP (LOP):
LOP 1 - Summarizes the manager's work in organizing training sessions, coaching, seminars, webinars to develop methods for evaluating the personal and professional qualities of a teacher.

Learning Outcomes in Course (LOC):

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LOC 1 – demonstrates managerial skills in planning methods for assessing the personal and professional qualities of a teacher when organizing training sessions, coaching, seminars, webinars;

LOC 2 - uses tutoring, mentoring and coaching in teaching to achieve goals in a short period of training and upbringing;

LOC 3 - explains the modern problems of increasing the intellectual potential and competitiveness of an educational manager.

Post requisites: **IAM 5304. Innovative activity of the менеджера (in English)**

Optional component 8

Course: **Conceptualization of the experience of the Manager**
Intensity of the Course: 5 academic credits
Module Code: **MAEM - 4.**
Module Name: Management activities of education manager
Prerequisites: MTPR 5301. Methodology and technique of pedagogical researches
Purpose: improving the skills of expert assessment through mastering the main trends and directions of development of expertise in the field of education and science, the content, methods and procedures of expert activity.

Short Description: Conceptual foundations of the manager's practice. Culturological and philosophical analysis of the creative activity of an education manager. Methods of educational process management in educational organizations. Independent search for information, its storage and transmission. Patterns of communication in the process of work. Achievements of the higher education system in the global space. Models of forecasting the development of pedagogical science.

Learning Outcomes in EP (LOP):

LOP 1 - Summarizes the manager's work in organizing training sessions, coaching, seminars, webinars to develop methods for evaluating the personal and professional qualities of a teacher.

Learning Outcomes in Course (LOC):

LOC 1 – demonstrates managerial skills in planning methods for assessing the personal and professional qualities of a teacher when organizing training sessions, coaching, seminars, webinars;

LOC 2 - uses tutoring, mentoring and coaching in teaching to achieve goals in a short period of training and upbringing;

LOC 3 - explains the modern problems of increasing the intellectual potential and competitiveness of an educational manager.

Post requisites: **PRMIA 5304 -1. Psychological readiness of the менеджера to innovative activity**

Optional component 1

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Course: **Manager's oratory skills**
Intensity of the Course: 5 academic credits
Module Code: **ARCEM - 3.**
Module Name: Acmeological and research culture of the education manager
Prerequisites: MTPR 5301. Methodology and technique of pedagogical researches
Purpose: improvement of professional oratorical competence in the pedagogical activity of a specialist through mastering speech and language culture.
Short Description: Theoretical foundations of the Manager's oratorical skills. Speech culture of the educational manager.

Oratory as a form of communication between representatives of science and education at the professional level. The essence and rhetorical significance of oratory. Professional use of expressive words and terms, features of logical thinking and voice hygiene, ways of independent development of the genre of professional pedagogical words.
Learning Outcomes in EP (LOP):
LOP 1 - Interprets the mechanisms for structuring a long-term and strategic plan for managing the quality of the educational process.
Learning Outcomes in Course (LOC):
LOC 1 – the ability to conduct a dialogue within the framework of various problems and build relationships with the audience, to have an effective impact on it;
LOC 2 - mastering the ethics of logical thinking and compliance with the norms and rules of voice hygiene;
LOC 3 - mastering the professional communicative skills of a future teacher-psychologist,
LOC 4 - evaluation of psychological tactics and the choice of the text of public speech.
*Post requisites: **TQMVE 5303. Technology of quality management of vocational education***

Optional component 1

Course: **Rhetorical culture of educational manager**
Intensity of the Course: 5 academic credits
Module Code: **ARCEM - 3.**
Module Name: Acmeological and research culture of the education manager
Prerequisites: MTPR 5301. Methodology and technique of pedagogical researches
Purpose: improvement of professional rhetorical competence in the pedagogical activity of a manager through mastering speech and language culture.

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Short Description: Speech activity of the Manager. Features of his professional activity in the development of intensive speech communication. The levels of the rhetorical culture of communication. The Manager's rhetorical culture in accordance with modern standards. Elements of public speaking skills in the position of Manager. Types of public speaking-business, academic,and social. Manager skills, such as professionalism, tact, decency, high level of intelligence, knowledge of etiquette rules.

Learning Outcomes in EP (LOP):

LOP 1 - Interprets the mechanisms for structuring a long-term and strategic plan for managing the quality of the educational process.

Learning Outcomes in Course (LOC):

LOC 1 – the ability to conduct a dialogue within the framework of various problems and build relationships with the audience, to have an effective impact on it;

LOC 2 - mastering the ethics of logical thinking and compliance with the norms and rules of voice hygiene;

LOC 3 - mastering the professional communicative skills of a future teacher-psychologist,

LOC 4 - evaluation of psychological tactics and the choice of the text of public speech.

Post requisites: **TPEMQ 5303-1. Theory and practice of education management quality**

Optional component 1

Course: **Modern cognitive behavioral psychotherapy**
Intensity of the Course: 5 academic credits
Module Code: **ARCEM - 3.**
Module Name: Acmeological and research culture of the education manager
Prerequisites: MTPR 5301. Methodology and technique of pedagogical researches
Purpose form basic knowledge about the theoretical foundations of the cognitive-behavioral approach and the methods of practical work of a teacher-psychologist in this area.

Short Description: The place of cognitive behavioral psychotherapy among other areas of psychotherapy. Philosophy and theoretical foundations of cognitive behavioral psychotherapy. Theoretical foundations of behavioral therapy based on three types of learning: classical, operant and social learning. Technologies for tracking and fixing automatic negative thoughts, technologies for tracking and fixing intermediate thoughts. Technologies for identifying deep dysfunctional cognitions. Principles and techniques of working out dysfunctional cognitions. Techniques for dealing with dysfunctional experiences; principles and techniques of homework formation. A conscious combination of behavioral and cognitive techniques of psychotherapy, based on the logic of assistance, targets and an individual program of psychotherapy. Indications, contraindications, the role and place of CBT in the treatment and rehabilitation of patients of different clinical groups.

Learning Outcomes in EP (LOP):

LOP 3 - Interprets the mechanisms for structuring a long-term and strategic plan for managing the quality of the educational process

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LOP 11 - Argues for the results of individual educational trajectories based on the theory and practice of evaluating the educational and educational process in the framework of the national system for evaluating the quality of education

Learning Outcomes in Course (LOC):

LOC 1 – application of theoretical and practical knowledge in the course of behavior;

LOC 2 - working with dysfunctional cognitions;

LOC 3 - assessment of psychological tactics and selection of the text of public speech,

LOC 4 - mastering behavioral and cognitive methods of psychotherapy.

Post requisites: **Production practice**

Optional component 1

Course: **Rational-emotional behavioral therapy**

Intensity of the Course: 5 academic credits

Module Code: **ARCEM - 3.**

Module Name: Acmeological and research culture of the education manager

Prerequisites: MTPR 5301. Methodology and technique of pedagogical researches

Purpose: improvement of professional rhetorical competence in the pedagogical activity of a manager through mastering speech and language culture.

Short Description: Speech activity of the Manager. Features of his professional activity in the development of intensive speech communication. The levels of the rhetorical culture of communication. The Manager's rhetorical culture in accordance with modern standards. Elements of public speaking skills in the position of Manager. Types of public speaking-business, academic,and social. Manager skills, such as professionalism, tact, decency, high level of intelligence, knowledge of etiquette rules.

Learning Outcomes in EP (LOP):

LOP 3 - Interprets the mechanisms for structuring a long-term and strategic plan for managing the quality of the educational process

LOP 11 - Argues for the results of individual educational trajectories based on the theory and practice of evaluating the educational and educational process in the framework of the national system for evaluating the quality of education

Learning Outcomes in Course (LOC):

LOC 1 – the use of theoretical, practical knowledge in therapeutic relationships;

LOC 2 - mastering the formation and fixation of psychological disorders;

Post requisites: **Production practice**

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Optional component 6

Course: **Mathematical methods in pedagogical researches**
Intensity of the Course: 5 academic credits
Module Code: **QMAA - 5.**
Module Name: Quality management assessment activities
Prerequisites: MTPR 5301. Methodology and technique of pedagogical researches
Purpose: undergraduates with the methodology of pedagogical research, structural logic of research, mathematical and statistical methods in research work, mathematical and statistical processing and mathematical modeling of psychological and pedagogical research data.
Short Description: Mathematical methods in pedagogical research. Quantitative (statistical) and qualitative indicators. Mathematical and statistical processing and mathematical modeling of psychological and pedagogical research data.
Parametric and nonparametric measurements in education. Numerical methods in pedagogy. Selection methods (ranking) and their types. Methods of working with text. Methods used at the main stages of the study-control, interview, survey. Methods and tables of statistical classification. Functional connections. Correlation relationship. A method for comparing numerical series. The method of analytical grouping. The method of graphical analysis.
Learning Outcomes in EP (LOP):
LOP 1 - evaluates coefficients and criteria for determining statistical relationships between psychological and pedagogical parameters based on algorithms of mathematical and statistical research methods.
Learning Outcomes in Course (LOC):
LOC 1 – apply theoretical knowledge in practice and apply the achievements of modern pedagogical science in research projects and research works;
LOC 2 - substantiates the results of individual educational trajectories based on the theory and practice of evaluating the educational and educational process within the national system of education quality assessment;
LOC 3 - explains the modern problems of increasing the intellectual potential and competitiveness of an educational manager.
Post requisites: ***HEMS 6304.* Higher education management system**

Optional component 6

Course: **Statistical methods in pedagogical researches**
Intensity of the Course: 5 academic credits
Module Code: **QMAA - 5.**
Module Name: Quality management assessment activities

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Prerequisites: MTPR 5301. Methodology and technique of pedagogical researches

Purpose: theoretical foundations of educational process management, development of skills of specific organizational activity. Mastering the technology of education quality management.

Short Description: Theory and methodology of statistics. Statistical methods of processing the results of education and science. Types of statistics. Analysis of statistical data. Forecasting of statistical data. Stages of statistical development. The main statistical categories. Statistical data.

Learning Outcomes in EP (LOP):

LOP 1 - evaluates coefficients and criteria for determining statistical relationships between psychological and pedagogical parameters based on algorithms of mathematical and statistical research methods.

Learning Outcomes in Course (LOC):

LOC 1 – apply theoretical knowledge in practice and apply the achievements of modern pedagogical science in research projects and research works;

LOC 2 - substantiates the results of individual educational trajectories based on the theory and practice of evaluating the educational and educational process within the national system of education quality assessment;

LOC 3 - explains the modern problems of increasing the intellectual potential and competitiveness of an educational manager.

Post requisites: **DQMSU6304-1. Design of the quality management system of the University**