

## EDUCATIONAL PROGRAM: 6B03103 CLINICAL PSYCHOLOGY

### 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 (school program)

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

*Short Description:* The course 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 - Environmental Education and Skills: Students gain deep knowledge about environmental issues and principles of sustainable development, and acquire skills in environmental monitoring and data analysis.

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

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

*Post requisites:* no

#### *Optional component 1*

**Course: Fundamentals of Economics and Entrepreneurship**

*Intensity of the Course:* 5 academic credits

*Module Code:* **GES -1**

*Module Name:* General educational subjects module

*Prerequisites:* Fundamentals of Entrepreneurship and business (school course)

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

*Short Description:* The discipline is 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.

*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 program)

*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:* 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):*

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

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

*Post requisites:* no

### *Optional component 1*

*Course:* **Financial Literacy**

*Intensity of the Course:* 5 academic credits

*Module Code:* **GES -1**

*Module Name:* General educational subjects module

*Prerequisites:* no

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

*Short Description:* 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.

*Learning Outcomes in Course (LOC):*

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

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

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

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

*Post requisites:* no

## **2. OPTIONAL COMPONENTS OF THE CYCLE OF CORE COURSES**

### *Optional component 1*

*Course:* **Fundamentals of Suicidology**

*Intensity of the Course:* 5 academic credits

*Module Code:* MACP -9

*Module Name:* Modern approaches in clinical psychology

*Prerequisites:* **Social Psychology**

*Purpose:* To form a holistic view of suicidology as a field of practical psychological knowledge and theoretical justifications.

*Short Description:* The study of the basic theories of sociology and psychology of auto-destructive behavior, methodological foundations of suicidology, the formation of skills of psychodiagnostics, psychological assistance to persons with suicidal and auto-constructive behavior.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

**LOC 1 – Conduct analysis of basic concepts and definitions in the field of suicidology, identify key terms and their interrelationships.**

**LOC 2 – Analyze contemporary statistics and trends in the field of suicidology.**

**LOC 3 – Disclose the content of the main psychological aspects underlying suicidal behavior, including stress, depression, and adaptation factors.**

**LOC 4 – Evaluate the effectiveness of various psychotherapeutic approaches in working with suicidal patients.**

**LOC 5 – Develop educational programs and activities for the prevention of suicidal behavior in society.**

*Post requisites: No*

*Optional component 1*

**Course: Prevention and correction of suicidal behavior of adolescents**

*Intensity of the Course: 5 academic credits*

*Module Code: MACP-9*

*Module Name: Modern Approaches in Clinical Psychology*

*Prerequisites: Social Psychology*

*Purpose: To study ways and means of prevention and correction of behavior of adolescents with suicidal risks.*

*Short Description: Students will acquire skills of working with socio-psychological maladaptation, learn to identify diverse causes and features of suicidal behavior of adolescents. They will learn about the ways of forming a strong-willed overcoming of emerging difficulties, the ability of self-regulation and self-realization of adolescents.*

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Analyze key terms in the prevention and correction of suicidal behavior in adolescents.

LOC 2 – Know contemporary data and trends in suicidal behavior among adolescents, identify influencing factors.

LOC 3 – Examine key psychological aspects of suicidal behavior in adolescents: stress, depression, adaptation.

LOC 4 – Identify differences in methods of preventing and correcting suicidal behavior in adolescents, evaluate the effectiveness of existing assistance methods.

LOC 5 – Apply various psychotherapeutic methods in working with adolescents exhibiting suicidal behavior.

LOC 6 – Develop and evaluate the effectiveness of educational programs and activities for the prevention of suicidal behavior among adolescents.

*Post requisites: No*

*Optional component 2*

**Course: Personality psychology**

*Intensity of the Course: 6 academic credits*

*Module Code: PPID-4*

*Module Name: Personality Psychology and Individual Differences*

*Prerequisites: General Psychology*

*Purpose: To study the fundamental theories of personality and the methods used for personality assessment.*

*Short Description: Students will learn about the biological and environmental factors that influence personality development. The course also covers recent research on personality and personality disorders, providing students with an overview of the practical applications of personality research in areas such as clinical psychology, social psychology, and industrial-organizational psychology.*

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Investigate the essence of key concepts such as "self-awareness," "personality traits," and "motivation." Analyze how these terms influence the formation of individuality and interaction in the social environment.

LOC 2 – Critically grasp various personality theories from the 20th and 21st centuries. Compare how these theories explain the formation of character, the impact of the presence or absence of complexes on personal growth.

LOC 3 – Develop skills in applying theories in the practice of professional development and social adaptation of personality.

LOC 4 – Formulate a personal vision of important aspects of personal growth, relying on acquired theoretical foundations.

*Post requisites:* Methods of personality and collective research

#### *Optional component 2*

**Course: Personality theories**

*Intensity of the Course:* 6 academic credits

*Module Code:* PPID-4

*Module Name:* Personality Psychology and Individual Differences

*Prerequisites:* General Psychology

*Purpose:* To study a wide range of personality theories that have been proposed by leading psychologists over the past century.

*Short Description:* Students will know the historical context, key concepts, research methods and their practical application. They will analyze classical psychoanalytic, behavioral, cognitive and humanistic approaches to personality.

*Learning Outcomes in EP (LOP):*

LOP 4 - Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master the essence of concepts. Analyze key terms in personality psychology, define their essence and interconnections.

LOC 2 – Conduct a critical examination of personality theories. Compare various theories, identify their strengths and weaknesses, and acquire methods for critically evaluating theoretical constructs.

LOC 3 – Develop skills in applying theories to practical tasks. Apply personality theories to analyze and explain real situations, including professional and social contexts.

LOC 4 – Formulate a personal conception of personality. Develop a personal understanding of the nature of personality, based on acquired theoretical knowledge, and justify the choice of specific aspects.

*Post requisites:* Methods of personality and collective research

#### *Optional component 3*

**Course: Developmental psychology**

*Intensity of the Course:* 5 academic credits

*Module Code:* PPID-4

*Module Name:* Personality Psychology and Individual Differences

*Prerequisites:* General Psychology

*Purpose:* The students will gain an understanding of the biological and environmental factors that influence psychological, cognitive, and social changes throughout the lifespan.

*Short Description:* By the end of the course, students will develop the skills and knowledge necessary to assess and interpret research in the field of human development. They will also gain a deeper understanding of how psychological, cognitive, and social changes interact to shape human behavior across the lifespan.

*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 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key concepts. Analyze key terms in developmental psychology, define their essence and interconnections.

LOC 2 – Conduct a critical examination of developmental theories. Compare various theories, identify their strengths and weaknesses, and acquire methods for critically evaluating theoretical constructs.

LOC 3 – Develop skills in applying theories to practical tasks. Apply developmental theories to analyze and explain real situations, including professional and social contexts.

LOC 4 – Formulate a personal conception of development. Develop a personal understanding of the nature of development, based on acquired theoretical knowledge, and justify the choice of specific aspects.

LOC 5 – Analyze contemporary trends. Study modern trends in developmental theories, analyze their relevance in contemporary society and scientific psychology.

*Post requisites:* Psychophysiology

#### *Optional component 3*

**Course: Age psychology**

*Intensity of the Course:* 5 academic credits

*Module Code:* PPID-4

*Module Name:* Personality Psychology and Individual Differences

*Prerequisites:* General Psychology

*Purpose:* As part of the course, students will study in depth the processes of human development throughout the entire life cycle, including physical, cognitive, social and emotional development from early childhood to old age.

*Short Description:* They will also master the influence of various factors, such as genetics, environment and culture, on personal development

*Learning Outcomes in EP (LOP):*

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

LOP 4 – Applies fundamental knowledge related to professional values, attitudes, behavior; critical thinking, and analysis of interdisciplinary connections.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key concepts in lifespan psychology. Analyze basic terms and definitions, identify their essence and interconnections.

LOC 2 – Study modern trends in lifespan psychology. Analyze statistical data and key directions of development in this field.

LOC 3 – Analyze the impact of developmental factors on psychological well-being. Explore the content of key aspects influencing psychological well-being at different ages.

LOC 4 – Apply knowledge of lifespan psychology in practical situations. Acquire methods for analyzing age-related characteristics for practical application in working with different age groups.

*Post requisites:* Psychophysiology

#### *Optional component 4*

**Course: Differential psychology**

*Intensity of the Course:* 5 academic credits

*Module Code:* PPID - 4

*Module Name:* Personality Psychology and Individual Differences

*Prerequisites:* General Psychology

*Purpose:* To study the patterns of occurrence of individual, group, typological differences

*Short Description:* Students will gain the ability to conduct a comparative analysis of the concepts of individual differences, from ancient times to the present day. They will get acquainted with the methods of psychological diagnostics of personal qualities of people, including behavioral experiments, to determine how people behave in the same conditions. They will learn to identify psychological characteristics of representatives of various socio-cultural communities. They will acquire knowledge of ethical and legal norms related to the assessment of individual differences

*Learning Outcomes in EP (LOP):*

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrates expertise in the psychological state of personality, behavioral reactions, individual activity, and social groups.

LOP 12 – Interprets results of clinical studies, develops counseling programs, and prepares reports.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master the basic principles of differential psychology. Analyze key concepts and definitions, revealing their essence and interconnection.

LOC 2 – Study differences in psychological characteristics of personality. Analyze modern theories and research, identify their strengths and weaknesses, and evaluate their application in practice.

LOC 3 – Apply knowledge of differential psychology in practical scenarios. Master methods of analyzing and predicting psychological differences for use in various practical situations.

LOC 4 – Study methods of diagnosing individual differences, including gender, age, and neuropsychological aspects.

*Post-requisites:* Psychodiagnostics

#### *Optional component 4*

**Course: Psychology of Individual Differences**

*Intensity of the Course:* 5 academic credits

*Module Code:* PPID - 4

*Module Name:* Personality Psychology and Individual Differences

*Prerequisites:* General Psychology

*Purpose:* in-depth study of the criteria for the difference between people.

*Short Description:* Students master the skills of analyzing and describing the unique qualities of an individual and an entire group; study what factors (genetic, biological, socio-cultural, etc.) contribute to the diversity of human characteristics and how these differences affect behavior, decision-making and interaction with the world around them. Will have the skills to provide practical assistance in self-determination and the formation of a healthy identity of the individual. Learn how to make an individual and group psychological portrait. At the end of the course, students understand the importance of measuring individual differences to explain the relationship between intelligence, personality and benefit, such as school success, occupation, interpersonal relationships, physical and mental health.

*Learning Outcomes in EP (LOP):*

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

LOP 12 – Interprets results of clinical studies, develops counseling programs, and prepares reports.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key concepts of the psychology of individual differences, analyze their essence and interconnection.

LOC 2 – Study modern trends and statistical data in the field of individual differences.

LOC 3 – Analyze the influence of difference factors on psychological state.

LOC 4 – Apply knowledge in practical situations, mastering methods of analyzing individual differences.

*Post requisites:* Psychodiagnostics

#### *Optional component 5*

**Course: Fundamentals of Hereditary and Genetic Disorders**

*Intensity of the Course:* 5 academic credits

*Module Code:* MFCP - 5

*Module Name:* Medical Foundations of Clinical Psychology

*Prerequisites:* Introduction to Clinical Psychology

*Purpose:* The course provides an in-depth understanding of the functioning of the brain and nervous system, discusses the work of individual areas of the brain, the mechanisms of formation and storage of genetic information, the processes of regulation and coordination.

*Short Description:* During the course, students will learn about the basics of genetics, the human genome, the mechanisms of transmission of genetic information at the cellular level, and the genetic causes of various diseases. They will gain knowledge about the structure of DNA, RNA. Students learn to relate these concepts with the emergence of mental phenomena such as perception, memory, thinking, and emotions.

*Learning Outcomes in EP (LOP):*

LOP 4 – Applies fundamental knowledge related to professional values, attitudes, critical thinking, and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key terms and concepts in the field of hereditary and genetic diseases, identifying their essence and interconnection.

LOC 2 – Study current research in genetics, including statistical data and trends in theory development.

LOC 3 – Analyze the influence of genetic factors on diseases, revealing the content of key aspects affecting genetics-related conditions.

LOC 4 – Apply knowledge in genetics in practical scenarios, mastering methods of analyzing genetic features for practical use in the medical field and genetic counseling.

*Post requisites:* Mental Health and Addiction

#### *Optional component 5*

**Course: Hereditary diseases**

*Intensity of the Course:* 5 academic credits

*Module Code:* MFCP - 5

*Module Name:* Medical Foundations of Clinical Psychology

*Prerequisites:* Introduction to Clinical Psychology

*Purpose:* Systematize students' understanding of the development mechanisms of human congenital diseases and measures for their prevention.

*Short Description:* This medical course has the goal of studying the principles of inheritance of diseases, the emergence and development of which is associated with various defects and disorders in the hereditary apparatus. They learn to distinguish: chromosomal, mitochondrial and genetic diseases; on the basis of the study of hereditary



risk factors, favorable and unfavorable (or aggravated) heredity can determine the features of the body's relationship with the environment in order to carry out psychological and medical interventions in joint activities with medical workers.

*Learning Outcomes in EP (LOP):*

LOP 4 – Applies fundamental knowledge related to professional values, attitudes, critical thinking, and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key terms and concepts in the field of hereditary diseases, analyzing their essence and interconnection.

LOC 2 – Study modern research in the field of hereditary diseases, including statistical data and trends in theory development.

LOC 3 – Analyze the influence of genetic factors on hereditary diseases, revealing the content of key aspects affecting their development.

LOC 4 – Apply knowledge in hereditary diseases in practical scenarios, mastering methods of analyzing genetic features for application in medical practice and genetic counseling.

*Post requisites:* Mental Health and Addiction

#### *Optional component 6*

**Course: Neuropsychology**

*Intensity of the Course:* 5 academic credits

*Module Code:* MFCP - 5

*Module Name:* Medical Foundations of Clinical Psychology

*Prerequisites:* Developmental Psychology

*Purpose:* To apply neuropsychological principles and methods in the assessment, diagnosis, and treatment of neurological and neuropsychological disorders.

*Short Description:* By studying this discipline, students will gain practical experience in conducting comprehensive neuropsychological assessments, including the use of various standardized tests, behavioral observations, and other assessment tools. By the end of the course, students will have the skills and knowledge necessary to provide quality care to patients with neurological and neuropsychological disorders. They will also have a better understanding of the complex and dynamic nature of these disorders and will be able to apply this knowledge in real-world situations.

*Learning Outcomes in EP (LOP):*

LOP 6 - Demonstrate general professional competencies related to ethical and legal norms, apply knowledge necessary for participation in ethical practice.

LOP 9 – Structure original scientific works, conduct empirical research, and prepare reports on the results in written and oral formats.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

LOP 11 – Plans prevention, diagnostic, correction, and rehabilitation programs for psychological work with clients with neurological, psychosomatic, and psychopathological problems.

*Learning Outcomes in Course (LOC):*

LOC 1 – Analyze key terms and concepts in the field of neuropsychology, identifying their essence and interconnection.

LOC 2 – Study modern theories in neuropsychology, conduct a comparative analysis, identify common and unique aspects of each theory.

LOC 3 – Examine the influence of brain activity on psychological processes, highlight the main mechanisms of neuron interaction.

LOC 4 – Master methods for studying brain activity, conduct a comparative analysis of psychological tests and neurophysiological techniques.

LOC 5 – Analyze the impact of neurobiological factors on cognitive functions and behavioral aspects of personality.

*Post requisites:* Psychophysiology

#### *Optional component 6*

**Course: Fundamentals of higher nervous activity**

*Intensity of the Course:* 5 academic credits

*Module Code:* MFCP - 5

*Module Name:* Medical Foundations of Clinical Psychology

*Prerequisites:* Developmental Psychology

*Purpose:* Systematically compile comprehensive knowledge on the functions of the spleen, mechanisms of reflexive and autonomic reactions of the digestive system, sleep, immune defense, and various types of higher nervous activity.

*Short Description:* The course provides a deep understanding of the brain and nervous system, discussing the functioning of individual brain regions, the mechanisms of information formation and storage, the processes of regulation and coordination. Students will learn to relate these concepts to specific mental functions, such as perception, memory, thinking and emotions.

*Learning Outcomes in EP (LOP):*

LOP 8 – Apply discipline-specific knowledge in the field of research methodology and statistical analysis.

LOP 10 – Demonstrates expertise in the psychological state of individuals, behavioral reactions, the nature of individual and group activities.

*Learning Outcomes in Course (LOC):*

LOC 1 – Analyze key terms and concepts in the field of the fundamentals of higher nervous activity, identifying their essence and interconnection.

LOC 2 – Study modern theories in the field of higher nervous activity, conduct a comparative analysis, identify common and unique aspects of each theory.

LOC 3 – Examine the influence of higher nervous activity on cognitive and emotional processes, highlight the main mechanisms of functioning.

LOC 4 – Master methods for studying higher nervous activity, conduct a comparative analysis of psychological tests and neurophysiological techniques.

*Post requisites:* Psychophysiology

#### *Optional component 7*

*Course: Psychopathology*

*Intensity of the Course:* 5 academic credits

*Module Code:* MFCP - 5

*Module Name:* Medical Foundations of Clinical Psychology

*Prerequisites:* Introduction to Clinical Psychology

*Purpose:* The goal of the course is to study the signs of a mental disorder (symptoms), their combination (syndromes).

*Short Description:* Students will gain an understanding of the objective patterns of mental disorders. Students will be able to use international systems of classifications of mental disorders, acquire skills in conducting therapeutic and interventions, prognosis and prevention of mental illness. The course also examines the deontological aspects of working with patients.

*Learning Outcomes in EP (LOP):*

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 6 – Demonstrates general professional competencies related to ethical and legal norms, applies knowledge necessary for participation in ethical practice.

LOP 7 – Establishes and maintains effective relationships with recipients of psychological services, develops intervention plans based on factual data, considering the goals of providing clinical services.

*Learning Outcomes in Course (LOC):*

LOC 1 – Analyze key terms and concepts in the field of psychopathology, identifying their essence and interconnection.

LOC 2 – Study modern theories of psychopathology, conduct a comparative analysis, identify common and unique aspects of each theory.

LOC 3 – Examine the impact of psychopathological conditions on psychological and behavioral processes, highlight the main mechanisms of formation and development.

LOC 4 – Master methods of diagnosing psychopathology, conduct a comparative analysis of psychological tests and clinical methods.

LOC 5 – Analyze the influence of various factors on the formation and manifestation of psychopathological conditions in individual and sociocultural contexts.

*Post requisites:* Fundamentals of Psychological Expertise

#### *Optional component 7*

*Course: Clinic of mental disorders*

*Intensity of the Course:* 5 academic credits

*Module Code:* MFCP - 5

*Module Name:* Medical Foundations of Clinical Psychology

*Prerequisites:* Introduction to Clinical Psychology

*Purpose:* To study the etiology, clinical picture and dynamics of disorders of mental functions in human activity.

*Short Description:* Students will gain the skills to study endogenous and exogenous mental disorders and conduct medical treatment, together with doctors. They will learn how to conduct research on the mental functions of the individual. During the course, they will gain an understanding of how mental disorders affect the quality of people's lives. The course also examines the deontological aspects of working with patients.

*Learning Outcomes in EP (LOP):*

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Study basic terms and concepts in the field of the clinic of mental disorders, analyze their essence and interconnections.

LOC 2 – Analyze modern methods of clinical diagnosis of mental disorders, conduct a comparative analysis of their effectiveness.

LOC 3 – Examine major classifications of mental disorders, identify common features and differences, critically analyze approaches to classification.

LOC 4 – Acquire skills in analyzing clinical cases, conduct a comparative analysis of the course of different mental disorders.

*Post requisites:* Fundamentals of Psychological Expertise

#### *Optional component 8*

*Course: Sexual pathology*

*Intensity of the Course:* 5 academic credits

*Module Code:* MFCP - 5

*Module Name:* Medical Foundations of Clinical Psychology

*Prerequisites:* Social Psychology

*Purpose:* To study sexual disorders, the psychophysiological differences between men and women as a significant cause of sexual dysfunction, and the issue of infertility

*Short Description:* . . Upon completion of the course, the student will be able to analyze concepts based on relevant methods from urology, gynecology, endocrinology, neurology, psychiatry, physiology, psychology, and sociology in order to understand and address issues related to sexual pathology.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Familiarize with key terms and concepts in the field of sexopathology, analyze their essence and interconnections.

LOC 2 – Study modern theories and approaches in sexopathology, conduct a comparative analysis of various concepts and research methods.

LOC 3 – Examine factors influencing the formation and development of sexual disorders, critically analyze major theories in this field.

LOC 4 – Master methods of diagnosing sexual disorders, analyze their effectiveness and compare existing approaches to clinical practice.

LOC 5 – Analyze methods and therapy strategies in sexopathology, identify the main directions and effectiveness of various treatment approaches.

*Post requisites:* Family Counseling and Psychotherapy

#### *Optional component 8*

*Course: Psychology of sexual relations*

*Intensity of the Course:* 5 academic credits

*Module Code:* MFCP - 5

*Module Name:* Medical Foundations of Clinical Psychology

*Prerequisites:* Social Psychology

*Purpose:* Attaining fundamental knowledge in the psychology of contemporary interpersonal relationships.

*Short Description:* The course provides a comprehensive understanding of sexual behavior and its role in human life. Students will consider and assimilate behavioral features related to the physiology of sex and sexual

development. Consider the complex interaction of genetic and social factors that determine sexual orientation, sexual health, sexual relationships and problems related to sex.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Analyze key terms and concepts in the field of the psychology of sexual relations, defining their essence and interrelation.

LOC 2 – Study modern theories and models of the psychology of sexual relations, conduct a comparative analysis of various concepts.

LOC 3 – Examine the influence of psychological factors on the formation and development of healthy sexual relations, conduct a critical analysis of major theories.

LOC 4 – Master methods of analysis and diagnosis of psychological aspects in sexual relations, conduct a comparative analysis of existing approaches.

LOC 5 – Analyze methods of psychological support and therapy for sexual problems, identify the effectiveness of various strategies in working with patients.

*Post requisites:* Family Counseling and Psychotherapy

#### *Optional component 9*

*Course: Psychophysiology*

*Intensity of the Course:* 5 academic credits

*Module Code:* PACP - 6

*Module Name:* Psychophysiological Aspects of Clinical Psychology

*Prerequisites:* Differential Psychology

*Purpose:* To study the neural and physiological foundations of sensory and perceptual processes in psychology.

*Short Description:* Students will gain knowledge about how physiological reactions can influence emotions, motivation, and behavior. They will acquire skills in using psychophysiology for the assessment and correction of psychological disorders related to physical and mental functioning. Students will learn about the assessment and correction of psychological disorders such as anxiety and depression, as well as the evaluation of physical and mental performance.

*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 9 – Structures original scientific works, conducts empirical research, and reports results in both written and oral formats.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Study key terms and concepts in the field of psychophysiology, analyze their essence and interconnections.

LOC 2 – Analyze modern theories and research in psychophysiology, conduct a comparative analysis of various concepts.

LOC 3 – Examine the influence of physiological processes on mental activity and the state of a person, conduct a critical analysis of major theories in this field.

LOC 4 – Master methods of analyzing psychophysiological data, conduct a comparative analysis of existing research methods.

*Post requisites:* No

#### *Optional component 9*

*Course: Physiology of mental activity*

*Intensity of the Course:* 5 academic credits

*Module Code:* PACP - 6

*Module Name:* Psychophysiological Aspects of Clinical Psychology

*Prerequisites:* Differential Psychology

*Purpose:* Examining the physiological foundations of human mental activity to understand the mechanisms of higher nervous system functioning in various types of activities.

*Short Description:* The course is an intersection of psychology and neuroscience, considering the interaction between physiological processes in the body and mental activity. He discusses topics such as brain structure and function, neurotransmitters and hormones, as well as their effects on perception, emotions, memory and behavior.

*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 9 – Structures original scientific works, conducts empirical research, and reports results in both written and oral formats.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key terms and concepts in the field of the physiology of mental activity, analyze their essence and interconnections.

LOC 2 – Study modern theories of the physiology of mental activity, conduct a comparative analysis of various concepts and approaches.

LOC 3 – Examine the influence of physiological processes on mental activity and the state of a person, conduct a critical analysis of major theories in this field.

LOC 4 – Master methods of analyzing data in the physiology of mental activity, conduct a comparative analysis of existing research methods.

LOC 5 – Analyze the practical application of knowledge in the physiology of mental activity, identify the effectiveness of various approaches in solving specific tasks.

*Post requisites:* No

#### *Optional component 10*

**Course: Mental Health and Addiction**

*Intensity of the Course:* 5 academic credits

*Module Code:* PACP - 6

*Module Name:* Psychophysiological Aspects of Clinical Psychology

*Prerequisites:* Neuropsychology

*Purpose:* To study the classification of mental disorders, including disorders resulting from the use of alcohol and other psychoactive substances.

*Short Description:* Upon completion of the course, the student will be able to: differentiate between organic, endogenous, exogenous, and somatogenic mental disorders; understand the etiology and pathogenesis of behavioral disorders; participate in the treatment of mental disorders and comprehend the fundamental principles of prevention and rehabilitation.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key terms and concepts in the field of mental health and addictions, analyze their essence and interconnections.

LOC 2 – Study modern theories and models of mental health, conduct a comparative analysis of approaches to defining and maintaining health.

LOC 3 – Examine factors influencing mental health and the onset of addictions, conduct a critical analysis of existing theories.

LOC 4 – Master methods of diagnosing and assessing mental health, conduct a comparative analysis of existing approaches to identifying problems.

*Post requisites:* Deviantology

#### *Optional component 10*

**Course: Psychology of dependent behavior**

*Intensity of the Course:* 5 academic credits

*Module Code:* PACP - 6

*Module Name:* Psychophysiological Aspects of Clinical Psychology

*Prerequisites:* Neuropsychology

*Purpose:* Investigate the fundamental clinical aspects of gender characteristics, sex, and age manifestation in individuals, understand the psychodynamics of personality considering gender specifics, and acquire knowledge of contemporary methods of gender psychotherapy.

*Short Description:* The course is aimed at studying various forms of addictions, from alcoholism and drug addiction to gambling and Internet addiction. Students will learn to understand how external circumstances and genetic predisposition in a number of people form unhealthy habits, psychological, social and biological factors influencing the development of addictions, as well as methods of prevention and treatment.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key terms and concepts in the field of psychology of dependent behavior, analyze their essence and interconnections.

LOC 2 – Study modern theories of dependent behavior, conduct a comparative analysis of approaches to understanding and treating dependencies.

LOC 3 – Examine factors influencing the formation of dependent behavior, conduct a critical analysis of existing theories.

LOC 4 – Master methods of diagnosing and assessing dependent behavior, conduct a comparative analysis of existing approaches to identifying problems.

LOC 5 – Analyze methods of prevention and treatment of dependencies, identify the effectiveness of different strategies in the field of the psychology of dependent behavior.

*Post requisites:* Deviantology

### *Optional component 11*

**Course: Psychodiagnostis**

*Intensity of the Course:* 5 academic credits

*Module Code:* CPW - 8

*Module Name:* Practicum in Clinical Psychology

*Prerequisites:* Differential Psychology

*Purpose:* The course aims to teach methods of diagnosis and psychological assessment within group and family contexts, with a focus on developing skills in applying these methods.

*Short Description:* The aim of the course is to study the ways of using psychological assessment and diagnosis of a person and a group of people. Students will learn about various methods and techniques used in psychological assessment, including structured interviews, self-assessment measurements and behavioral observations. They will acquire the skills and knowledge necessary for the application of psychodiagnostis in real conditions. A deep understanding of psychological processes related to mental health will be formed.

*Learning Outcomes in EP (LOP):*

LOP 4 - Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 8 – Apply discipline-specific knowledge in the field of research methodology and statistical analysis.

LOP 11- Plan prevention, diagnosis, correction, and rehabilitation programs for clients with psychosomatic and psychopathological problems.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key methods of psychodiagnostis, analyze key terms and methodology, identify essence and interconnections.

LOC 2 – Actively study modern approaches in the field of psychodiagnostis, conduct a comparative analysis of methods and technologies.

LOC 3 – Analyze the impact of factors on psychodiagnostis results, reveal the content of the main aspects of their influence.

LOC 4 – Apply learned diagnostic methods in practical situations, master methods of analysis and interpretation of results.

*Post requisites:* Designing research in clinical psychology

### *Optional component 11*

**Course: Methods of personality and collective research**

*Intensity of the Course:* 5 academic credits

*Module Code:* CPW - 8

*Module Name:* Practicum in Clinical Psychology

*Prerequisites:* Personality Psychology

*Purpose:* Developing knowledge and skills in utilizing methods for studying learning objectives, mastering various aspects of individual and collective self-improvement, and forming the necessary general cultural and professional competencies for the successful implementation of psychological activities.

*Short Description:* During the course, students will master the research methods used in personality psychology and social psychology. Students learn to apply methods such as surveys, interviews, tests, observation, experiments to study various aspects of personality and group behavior. They will learn how to select methods in accordance with the objectives of the study.

*Learning Outcomes in EP (LOP):*

LOP 4 - Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 8 – Apply discipline-specific knowledge in the field of research methodology and statistical analysis.

LOP 11- Plan prevention, diagnosis, correction, and rehabilitation programs for clients with psychosomatic and psychopathological problems.

*Learning Outcomes in Course (LOC):*

LOC 1 – Study key methods of personality and group research, analyze key terms, identify their essence and interconnections.

LOC 2 – Critically evaluate modern research methods, conduct a comparative analysis, identify their strengths and weaknesses.

LOC 3 – Develop and apply research methods in different contexts, consider the influence of factors on obtained results.

LOC 4 – Apply mastered methods in practical activities, master methods of analysis and interpretation of obtained data.

*Post requisites:* Family Counseling and Psychotherapy

#### *Optional component 12*

**Course: Research Methodology in Clinical Psychology**

*Intensity of the Course:* 5 academic credits

*Module Code:* MACP - 9

*Module Name:* Contemporary Approaches in Clinical Psychology

*Prerequisites:* Introduction to Clinical Psychology

*Purpose:* To provide students with a comprehensive understanding of research design, data collection, and analysis, with a focus on unique issues and considerations related to conducting research in the field of clinical psychology.

*Short Description:* Students will gain experience in evaluating research articles and writing research reports. They will acquire the skills and knowledge necessary to conduct high-quality research in this field. They will develop a deeper understanding of the importance of scientific rigor and the role of scientific evidence in the field of clinical psychology.

*Learning Outcomes in EP (LOP):*

LOP 4 - Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key methodological principles in clinical psychology, analyze key terms and concepts, identify their essence and interconnections.

LOC 2 – Critically analyze existing methodologies in clinical psychology, identify their applicability and effectiveness in various clinical scenarios.

LOC 3 – Develop methodological approaches to research in clinical psychology, considering ethical and practical aspects.

LOC 4 – Apply learned methodological principles in clinical research, analyze obtained data, and formulate conclusions.

LOC 5 – Develop teamwork skills in methodological research, interacting with colleagues to achieve common goals.

*Post requisites:* No

#### *Optional component 12*

**Course: Designing research in clinical psychology**

*Intensity of the Course:* 5 academic credits

*Module Code:* MACP - 9

*Module Name:* Contemporary Approaches in Clinical Psychology

*Prerequisites:* Introduction to Clinical Psychology

*Purpose:* Teaching research design in clinical psychology.

*Short Description:* Students should achieve a deep understanding of the entire research process -develop an idea, choose methods, analyze the results and prepare a written scientific report. Experimental design study the detailed description, evaluation, analysis and interpretation of data, as well as qualitative research methods

*Learning Outcomes in EP (LOP):*

LOP 4 - Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Create basic conceptual frameworks for research design in clinical psychology, analyze key terms and definitions, identify their essence and interconnections.

LOC 2 – Formulate critical questions and hypotheses for the development of research projects, analyze existing approaches and methods in clinical psychology research.

LOC 3 – Develop strategies for conducting clinical research, considering ethical norms and methodological principles.

LOC 4 – Apply created project scenarios in real clinical research, analyze obtained data, and draw conclusions.

LOC 5 – Interact with colleagues and experts to exchange ideas and experiences in the process of designing research projects in clinical psychology.

*Post requisites:* No

### *Optional component 13*

*Course:* **Contemporary Cognitive Behavioral Therapy**

*Intensity of the Course:* 5 academic credits

*Module Code:* MACP - 9

*Module Name:* Contemporary Approaches in Clinical Psychology

*Prerequisites:* Psychotherapy

*Purpose:* To acquire the basic elements of cognitive-behavioral therapy and the skills to conduct therapeutic interventions

*Short Description:* Students will learn about various aspects of cognitive-behavioral therapy, gain experience in conducting sessions, providing feedback, and supporting clients. They will develop an understanding of evidence-based practice and the role of cognitive-behavioral therapy in the treatment and correction of a wide range of psychological disorders.

*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 11- Plan prevention, diagnosis, correction, and rehabilitation programs for clients with psychosomatic and psychopathological problems.

LOP 12 - Interpret the results of clinical research, develop counseling programs, and prepare reports.

*Learning Outcomes in Course (LOC):*

LOC 1 – Study the basic principles and terminology of contemporary cognitive-behavioral therapy, analyze key concepts and definitions, identify their essence and interconnections.

LOC 2 – Evaluate the effectiveness of methods and techniques of cognitive-behavioral therapy, conduct a comparative analysis of approaches to working with various types of mental disorders.

LOC 3 – Develop individualized therapy programs, taking into account the specificity of clients and the characteristics of their problems, conduct a critical analysis of current trends in the development of cognitive-behavioral therapy.

LOC 4 – Apply methods and techniques of contemporary cognitive-behavioral therapy in practical situations, assess and correct the mental states of clients.

*Post requisites:* No

### *Optional component 13*

*Course:* **Rational-emotive therapy**

*Intensity of the Course:* 5 academic credits

*Module Code:* MACP - 9

*Module Name:* Contemporary Approaches in Clinical Psychology

*Prerequisites:* Fundamentals of Psychological Counseling

*Purpose:* To study the most effective ways of correction, combining the formation of adaptive behaviors, adequate systems of attitudes.



*Short Description:* Students will learn how to recognize self-destructive cognitive processes through the use of reason and rationality and learn to express emotions more adequately. They will acquire the skills of recognizing subconscious destructive behavioral patterns from clients, and then they will be eliminated in favor of more constructive behavior.

*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 11- Plan prevention, diagnosis, correction, and rehabilitation programs for clients with psychosomatic and psychopathological problems.

LOP 12 - Interpret the results of clinical research, develop counseling programs, and prepare reports.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master the fundamental principles of rational-emotive therapy, analyze key concepts and techniques, identify their effectiveness and application areas.

LOC 2 – Explore and critically evaluate the theoretical foundations of rational-emotive therapy, conduct a comparative analysis with other psychotherapeutic approaches, identify the specificities of the approach in working with clients.

LOC 3 – Develop and adapt rational-emotive therapy techniques for specific clients and situations, conduct an individualized analysis of problems and form therapeutic intervention plans.

LOC 4 – Apply rational-emotive therapy methods in real clinical scenarios, assess the effectiveness of techniques on clients' mental states.

*Post requisites:* No

#### *Optional component 14*

*Course:* **Psychotherapy**

*Intensity of the Course:* 6 academic credits

*Module Code:* CCBPC - 7

*Module Name:* Communicative Competence and Fundamentals of Psychotherapeutic Communication

*Prerequisites:* Developmental Psychology

*Purpose:* Familiarizing students with the fundamental theoretical foundations of psychotherapy, requirements for therapeutic experience, norms and conditions, forms and types of psychotherapy, the basic methods of psychotherapeutic intervention, techniques and methods, as well as the specificities of their application in practice.

*Short Description:* The course is designed to introduce students to the history of psychotherapy, general theoretical and methodological issues, and various approaches in psychotherapy. Special attention is given to developing an understanding of contemporary approaches, acquiring skills in addressing psychological problems related to development, education, and mental health, including those concerning children and adolescents.

*Learning Outcomes in EP (LOP):*

LOP 7 – Establish and maintain effective relationships with recipients of psychological services, develop intervention plans based on factual data, taking into account the goals of clinical services provision.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

LOP 11- Plan prevention, diagnosis, correction, and rehabilitation programs for clients with psychosomatic and psychopathological problems.

LOP 12 - Interpret the results of clinical research, develop counseling programs, and prepare reports.

*Learning Outcomes in Course (LOC):*

LOC 1 – Study the basic directions of psychotherapy, analyze key terms and concepts, identify their essence and interconnections.

LOC 2 – Evaluate the effectiveness of various methods and approaches in psychotherapy, conduct a comparative analysis of techniques and theories, identify their applicability in different clinical scenarios.

LOC 3 – Apply psychotherapeutic techniques in practical situations, master methods of working with clients, conduct an individualized analysis of problems and develop therapeutic plans.

LOC 4 – Develop empathy and interpersonal interaction skills in the context of psychotherapy, participate in discussions of clinical cases, and apply new approaches.

LOC 5 – Explore modern trends in psychotherapy, including integrative approaches and the development of new methods of interaction with clients.

*Post requisites:* Family Counseling and Psychotherapy

#### *Optional component 14*

*Course:* **Methods of psychotherapy**

*Intensity of the Course:* 6 academic credits

*Module Code:* CCBPC - 7

*Module Name:* Communicative Competence and Fundamentals of Psychotherapeutic Communication

*Prerequisites:* Developmental Psychology

*Purpose:* Familiarizing students with the fundamental theoretical foundations of psychotherapy, requirements for therapeutic experience, norms and conditions, forms and types of psychotherapy, the basic methods of psychotherapeutic intervention, techniques and methods, as well as the specificities of their application in practice.

*Short Description:* The course provides an overview of the main methods of psychotherapy, including psychoanalysis, cognitive behavioral therapy, gestalt therapy, systemic therapy and others. In addition to theory, students have the opportunity to apply these methods in practice.

*Learning Outcomes in EP (LOP):*

LOP 7 – Establish and maintain effective relationships with recipients of psychological services, develop intervention plans based on factual data, taking into account the goals of clinical services provision.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

LOP 11- Plan prevention, diagnosis, correction, and rehabilitation programs for clients with psychosomatic and psychopathological problems.

LOP 12 - Interpret the results of clinical research, develop counseling programs, and prepare reports.

*Learning Outcomes in Course (LOC):*

LOC 1 – Study the basic methods of contemporary psychotherapy, analyze key terms and concepts, determine their essence and interconnections.

LOC 2 – Evaluate the effectiveness of leading psychotherapy methods, including cognitive-behavioral, psychodynamic, and gestalt therapy, conduct a comparative analysis of approaches, identify their applicability in different clinical scenarios.

LOC 3 – Apply psychotherapy methods in practical situations, master techniques for working with clients, including art therapy, kinesiology, and resource-oriented methods.

LOC 4 – Develop empathy and interpersonal interaction skills in the context of psychotherapy, participate in discussions of clinical cases, and apply new methods.

LOC 5 – Explore modern trends in psychotherapy methods, including trends in family therapy, play therapy, and technology-supported methods.

*Post requisites:* Family Counseling and Psychotherapy

### 3. OPTIONAL COMPONENT OF THE CYCLE OF MAJOR COURSES

#### *Optional Component 1*

**Course: Fundamentals of psychological counseling**

*Intensity of the Course:* 6 academic credits

*Module Code:* CCBPC -7

*Module Name:* Communicative Competence and Fundamentals of Psychotherapeutic Communication

*Prerequisites:* Developmental psychology

*Purpose:* To study various approaches to counseling, including individual, family, and group counseling.

*Short Description:* The course provides an overview of the practical application of counseling in various fields, while adhering to ethical and legal norms. Students will acquire the skills and knowledge necessary to address psychological and emotional difficulties through counseling and therapy.

*Learning Outcomes in EP (LOP):*

LOP 7 – Establish and maintain effective relationships with recipients of psychological services, develop intervention plans based on factual data, taking into account the goals of clinical services provision.

LOP 11- Plan prevention, diagnosis, correction, and rehabilitation programs for clients with psychosomatic and psychopathological problems.

LOP 12 - Interpret the results of clinical research, develop counseling programs, and prepare reports.

*Learning Outcomes in Course (LOC):*

LOC 1 – Study the basics of psychological counseling, analyze key terms and concepts, determine their essence and interconnections.

LOC 2 – Evaluate the effectiveness of psychological counseling methods, including rational-emotional, humanistic, and systemic therapy, conduct a comparative analysis of approaches, identify their applicability in different counseling scenarios.

LOC 3 – Apply psychological counseling methods in practical situations, master techniques for working with clients, including motivational interviewing, Adlerian therapy, and resource-oriented methods.

LOC 4 – Develop empathy and interpersonal interaction skills in the context of psychological counseling, participate in discussions of clinical cases, and apply new methods.

LOC 5 – Explore modern trends in methods of psychological counseling, including trends in online counseling, career counseling, and crisis counseling.

*Post requisites:* Modern Cognitive-Behavioral Therapy

#### *Optional Component 1*

**Course: Psychological counseling technologies**

*Intensity of the Course:* 6 academic credits

*Module Code:* CCBPC -7

*Module Name:* Communicative Competence and Fundamentals of Psychotherapeutic Communication

*Prerequisites:* Developmental psychology

*Purpose:* The course aims to broaden the range of psychological counseling technologies and methodologies in conducting interviews, observations, testing, and other methods used in providing psychological assistance

*Short Description:* The purpose of the course is to consider a wide range of technologies and methods of psychological counseling, including interviews, observation, testing and others. Students will master the skills of providing professional psychological assistance to people in order to increase their personal effectiveness. Much attention is paid to the development of practical skills and the ethical aspect of the profession.

*Learning Outcomes in EP (LOP):*

LOP 7 – Establish and maintain effective relationships with recipients of psychological services, develop intervention plans based on factual data, taking into account the goals of clinical services provision.

LOP 11- Plan prevention, diagnosis, correction, and rehabilitation programs for clients with psychosomatic and psychopathological problems.

LOP 12 - Interpret the results of clinical research, develop counseling programs, and prepare reports.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key technologies of psychological counseling, including online approaches and distance methods.

LOC 2 – Apply counseling technologies in practice, using virtual platforms and specialized applications.

LOC 3 – Develop personalized technological approaches adapted to the needs of clients.

LOC 4 – Analyze the effectiveness of counseling technologies and conduct research in this field.

LOC 5 – Participate in discussions and share experiences with colleagues regarding the application of advanced technologies in psychological counseling.

*Post requisites:* Modern Cognitive-Behavioral Therapy

*Optional Component 2*

**Course: Psychology of Deviant Behavior**

*Intensity of the Course:* 5 academic credits

*Module Code:* MACP -9

*Module Name:* Modern Approaches in Clinical Psychology

*Prerequisites:* Mental Health and Addiction

*Purpose:* : Investigating profound physiological and mental processes aimed at satisfying the needs of self-sufficient individuals, designated for analysis within the course.

*Short Description:* The course is aimed at in-depth study of the complex of physiological and mental processes aimed at meeting the needs of people with deviant behavior. Students will learn about theories explaining why people are prone to such behavior, will study the classification of types of behavior in psychology and the peculiarities of the occurrence of deviant behavior. They will study the role of individual, situational and cultural factors in the appearance of deviant behavior. Students will learn about the assessment and correction of deviant behavior, including the use of psychotherapy, cognitive behavioral therapy, critical thinking skills to assess the strengths and weaknesses of various approaches to learning of divant behavior.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Familiarize with the introduction to the psychology of deviant behavior, analyze key concepts and topics presented in this introduction.

LOC 2 – Understand the main approaches to understanding deviant behavior, identify key theories and ideas.

LOC 3 – Analyze aggressive behavior, identify features of aggressive behavior in children and adolescents.

LOC 4 – Study delinquent (deviant) behavior, analyze its features in adolescence.

LOC 5 – Delve into the basics of preventive psychology, analyze relevant topics.

LOC 6 – Study victimology and deviant victimhood.

LOC 7 – Thoroughly examine addictive behavior, identify its features in children and adolescents.

LOC 8 – Master the psychological characteristics of various types of deviant behavior at different age periods.

*Post requisites:* No

## Optional Component 2

### **Course: Deviantology**

*Intensity of the Course:* 5 academic credits

*Module Code:* MACP -9

*Module Name:* Modern Approaches in Clinical Psychology

*Prerequisites:* Mental Health and Addiction

*Purpose:* To study general, special and applied issues of human behavior that deviates from the generally accepted norms of society, as well as social and psychological approaches to the prevention and correction of deviant behavior.

*Short Description:* Students will master a system of methods of psychological influence on human behavior, feelings and emotions, master the skills of constructive relationships with people predisposed to deviant behavior, in order to overcome maladaptive attitudes. In practical classes, students will learn how to develop practical recommendations for the prevention of deviant behavior in compliance with legal norms.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Study behavioral norms, pathology, and deviations. Critically analyze methods of assessing behavioral phenomena and identify key approaches.

LOC 2 – Understand ideal norms, creativity, and deviations in behavior. Analyze the concept of ideal norms and their relationship with creativity and forms of deviations.

LOC 3 – Analyze the phenomenology of behavioral stereotypes. Review phenomenological diagnostic methods and identify behavior stereotypes.

LOC 4 – Study the psychology of harmonious and normative behavior. Analyze the influence of temperament on harmonious behavior and consider characteristics of personal harmony.

LOC 5 – Understand types, forms, and structure of deviant behavior. Analyze components of the structure of deviations, characteristics of delinquent, addictive, pathocharacterological, psychopathological, and hyper-ability types of deviant behavior.

*Post requisites:* No

## Optional Component 3

### **Course: Practicum in Psychopathology**

*Intensity of the Course:* 6 academic credits

*Module Code:* CPW -8

*Module Name:* Clinical Psychology Workshop

*Prerequisites:* Clinic of Mental Disorders

*Purpose:* To provide students with practical experience in the field of pathopsychology, as well as the application of pathopsychological principles and methods by students in the assessment, diagnosis and treatment of mental disorders.

*Short Description:* Students will gain practical experience and knowledge about various mental health disorders, including anxiety, depression, bipolar disorder and others in the field of pathopsychology and will gain the skills and knowledge necessary to provide quality care to patients with mental disorders.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key terms and concepts in the field of pathopsychology, conduct a thorough analysis of their essence and internal connections.

LOC 2 – Understand the main approaches to studying pathopsychology, identify the theoretical foundations underlying this area.

LOC 3 – Study various forms of mental disorders, conduct an analytical overview of features inherent in anxiety, depression, bipolar disorder, and other types of pathologies.

LOC 4 – Analyze the influence of sociocultural factors on specific types of mental disorders, identify key aspects of the environment's impact.

LOC 5 – Apply acquired knowledge in real situations, master effective methods of working with individuals suffering from anxiety, depression, bipolar disorder, and other forms of mental disorders.

*Post requisites:* Psychology of Deviant Behavior

### *Optional Component 3*

**Course: Pathopsychological psychodiagnostics**

*Intensity of the Course:* 6 academic credits

*Module Code:* CPW -8

*Module Name:* Clinical Psychology Workshop

*Prerequisites:* Clinic of Mental Disorders

*Purpose:* Introduce students to the principles and features of psychological and psychopathological research on mental disorders.

*Short Description:* This course teaches students to diagnose pathological changes in mental activity associated with various mental and neurological disorders. This includes the study of typical symptoms, the use of standard diagnostic tools and the development of treatment plans.

*Learning Outcomes in EP (LOP):*

LOP 4 – Apply fundamental knowledge related to professional values, attitudes, and behavior; critical thinking and analysis of interdisciplinary connections.

LOP 5 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 10 – Demonstrate expertise in assessing the psychological state of individuals, behavioral reactions, character of individual activity, and social groups.

*Learning Outcomes in Course (LOC):*

LOC 1 – Master key terms and concepts in the field of pathopsychological psychodiagnostics, conduct a thorough analysis of their essence and internal connections.

LOC 2 – Understand the main approaches to studying pathopsychological psychodiagnostics, identify the theoretical foundations underlying this area.

LOC 3 – Study psychodynamic tests and their role in identifying hidden mental conflicts. Master the use of projective techniques to detect personality pathologies.

LOC 4 – Analyze the influence of sociocultural factors on the results of pathopsychological psychodiagnostics, identify key aspects of the environment's impact.

*Post requisites:* Psychology of Deviant Behavior

### *Optional Component 4*

**Course: Autism Spectrum Disorder**

*Intensity of the Course:* 5 academic credits

*Module Code:* CPW -8

*Module Name:* Clinical Psychology Workshop

*Prerequisites:* Neuropsychology

*Purpose:* To familiarize students with the methods of psychological diagnosis of Autism Spectrum Disorder (ASD) and to develop their understanding of the content and techniques of psycho-corrective work with children with ASD.

*Short Description:* Students will be able to identify and analyze information about the nosology of the disorder, process and analyze data from psychological assessments of patients (clients), formulate detailed and structured psychological reports, and develop programs for psychological interventions aimed at prevention, treatment, and rehabilitation.

*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 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 9 – Structure original scientific works, conduct empirical research, and prepare reports on the results in written and oral formats.

*Learning Outcomes in Course (LOC):*

LOC 1 - Study the basic elements of autism: social, communicative, and behavioral aspects.

LOC 2 - Explore modern theories and models of Autism Spectrum Disorder, conduct a comparative analysis of approaches to understanding this disorder.

LOC 3 - Analyze various methods and approaches in supporting and educating people with Autism Spectrum Disorder. Examine individualized approaches to teaching and skill development for individuals with ASD.

LOC 4 - Examine the influence of environmental factors on the manifestation and adaptation of individuals with Autism Spectrum Disorder.

LOC 5 - Master techniques of interaction and communication with children and adults with ASD.

*Post requisites:* No

#### *Optional Component 4*

**Course: Neuropsychological personality disorders**

*Intensity of the Course:* 5 academic credits

*Module Code:* CPW -8

*Module Name:* Clinical Psychology Workshop

*Prerequisites:* Neuropsychology

*Purpose:* The aim of this course is to systematize students' understanding of the manifestations of neuropsychological disorders, the organization of mental processes, their hierarchical structure, and their connection with specific brain systems.

*Short Description:* To provide students with an understanding of the principles and practices of family counseling and therapy. Students will acquire skills in conducting family therapy sessions and providing feedback and support to families. They will be able to analyze family relationships when working with psychological disorders to enhance mental health and well-being.

*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 – Conduct empirical research and present results in written and oral formats, create models of research and clinical activities.

LOP 9 – Structure original scientific works, conduct empirical research, and prepare reports on the results in written and oral formats.

*Learning Outcomes in Course (LOC):*

LOC 1 - Master key concepts in the field of neuropsychological personality disorders, conduct a thorough analysis of their essence and interconnections.

LOC 2 - Understand current theories and models of neuropsychological personality disorders, conduct a comparative analysis of approaches to understanding this field.

LOC 3 - Analyze the influence of biological and neurological factors on personality formation, identify key aspects of the relationship between neurology and personality psychology.

LOC 4 - Apply acquired knowledge of neuropsychological disorders in the context of practical tasks. Master methods of working with people facing neuropsychological challenges.

*Post requisites:* No

