

ONTÜSTİK QAZAQSTAN  
MEDISINA  
AKADEMIASY

«Оңтүстік Қазақстан медицина академиясы» АҚ



SOUTH KAZAKHSTAN

MEDICAL  
ACADEMY

АО «Южно-Казakhstanская медицинская академия»

«APPROVE»

Rector of the SKMA

M. Rysbekov



01.02.2023 y.

## EDUCATIONAL PROGRAM

**EP Code:** 6B10104

**Name of the educational program:** «Nursing»

**Level of the educational program:** Bachelor course

Shymkent

ОҢТҮСТІК ҚАЗАҚСТАН MEDISINA АКАДЕМИЯСЫ «Оңтүстік Қазақстан медицина академиясы» АҚ	 SKMA -1979-	SOUTH KAZAKHSTAN MEDICAL ACADEMY АО «Южно-Казахстанская медицинская академия»
Department of Emergency Medical Care and Nursing Educational program		044-09

**Developed by the Committee of the educational program Nursing**

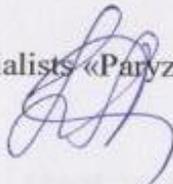
Head of the department of emergency  
 medical care and nursing, c.m.sc., docent



A.A.Seydakhmetova

**Agreed with employers:**

Republican Public Association «Nursing Specialists «Paryz»»  
 President



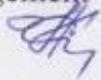
A. Kuanyshbayeva

State enterprise on the right of economic management «City Clinical Hospital № 1»  
 Head nurse



G. Meymashova

State enterprise on the right of economic management «City Cardiology Center»  
 Head nurse, master of nursing



A. Nurgaliyeva

Committee of the educational program «Nursing»  
 Chairperson c.m.sc., docent A.A. Seydakhmetova  
 Protocol № 8 of 24/06 2022 y.



Approved by the Methodological Council of JSC «SKMA»  
 Vice-Rector for EM and UW M.U. Anartayeva  
 Protocol № 12 of 26/06 2022 y.



Approved by the Scientific Council of JSC «SKMA»  
 Protocol № 12 of 27/06 2022 y.

## Passport of the educational program

### 1 The mission of the educational program "Nursing"

The mission of OP 6B10104 "Nursing" is guided by the mission of the SKMA, contains the requirements of the state mandatory standards of education and consists in training highly qualified competitive nursing specialists of a new formation in accordance with the requirements of international and modern society.

**2 The purpose of the educational program:** Improvement of nursing education and development of the nursing systems

### 3 Justification of the educational program:

-for students: At the end of 4 years of study, a graduate is awarded a diploma of higher education with the award of an academic degree "bachelor"

- a need in the labor market: providing personnel with qualities such as high skill and professional perseverance, the necessary practical and theoretical knowledge, competence, observation and insight, developed clinical thinking and passion.

### 4 Regulatory documents for the development of a modular educational program (state education standards, professional standards (if any) and others).

The professional standard on the basis of which the educational program has been developed:

Regulatory documents for the development of an educational educational program

- Order of the Minister of Science and Higher Education of the Republic of Kazakhstan "On approval of State mandatory standards of higher and postgraduate education" dated 07/20/2022 No. 2 with amendments and additions dated February 20, 2023 No. 66;

- Order of the Minister of Health of the Republic of Kazakhstan "On approval of state mandatory standards for levels of education in the field of healthcare" dated 07/04/2022 No. KDSM-63;

- Order of the Minister of Health of the Republic of Kazakhstan "On approval of standard educational programs in medical and pharmaceutical specialties" dated 09.01.2023 No. 4;

- Code of the Republic of Kazakhstan dated 07.07.2020 No. 360- VI "On the health of the people and the healthcare system" (with amendments and additions as of 04.07.2022);

- The Law of the Republic of Kazakhstan "On Education" dated 07/27/2007 No. 319- III, with amendments and additions dated 07/04/2022.

- Order of the Minister of Education and Science of the Republic of Kazakhstan dated 10/16/2013 No. 420 "On approval of Standard Rules for the activities of organizations of higher and (or) postgraduate education" with amendments and additions dated 12/29/2021;

- Order of the Minister of Education and Science of the Republic of Kazakhstan dated 04/20/2011 No. 152 "On approval of the Rules for the organization of the educational process on credit learning technologies" (with amendments and additions as of 05/06/2021)

- Order of the Minister of Health of the Republic of Kazakhstan dated 30.01.2008 No. 27 "On approval of the list of programs of continuous integrated education in clinical specialties" (with amendments and additions as of 05/14/2021)

- "On approval of Standard Rules for the activities of educational organizations of appropriate types and types", Order

Minister of Education and Science of the Republic of Kazakhstan dated 10/30/2018 No. 595 with amendments and additions from 12/29/2021

- "Guidelines for the development of educational programs of higher and postgraduate education" order of the Director CBP AM No.45 o/d of the Ministry of Education and Science of the Republic of Kazakhstan dated June 30, 2021.
- "Regulations on the procedure and procedures for the development of educational programs" JSC "YUKMA" dated 05/29/2019
- Internal regulatory documents of JSC YUKMA.

**5. The field of professional activity:** the field of professional activity of graduates who have mastered the educational program 6B10104 «Nursing» includes the improvement of nursing education and the development of the nursing system.

**6. Objects of professional activity:**

- health management organizations;
- healthcare organizations;
- educational organizations;
- science organizations;
- social protection organizations;
- adult and child population;

**a set of tools and technologies aimed at creating conditions for public health protection**

- therapeutic, preventive and diagnostic;
- organizational and managerial;
- scientific research;
- pedagogical

### Nursing

№	Field name	Note
1	Registration number	6B10100001
2	Code and classification of the field of education	<b>6B10 Health and Welfare (medicine)</b>
3	Code and classification of training areas	<b>6B101 Health</b>
4	Group educational programs	B084 <b>Nursing</b>
5	Name of the educational program	<b>«Nursing» (academic Bachelor's degree)</b>
6	View Subdivision	<b>a) The current EP;</b>
7	The purpose of the educational program	<b>Improving nursing education and the development of nursing systems</b>
8	Level ISCED	<b>6</b>
9	Level according to the National Qualifications Framework (NQF)	<b>6</b>
10	Level according to the Industry Qualifications Framework (IQF)	<b>6</b>
11	Distinctive features of the educational program	<b>a) Not;</b>
	Partner University (joint educational program)	This field should be displayed if the value «Joint educational program (JEP)» is selected in the field «Distinctive features of the educational program»
	Partner University (DDEP)	This field should be displayed if the value «Double-degree educational program (DDEP)» is selected in the «Distinctive features of the educational program» field
12	List of competencies	A matrix of correlation of training outcomes according to the educational program with the competencies being formed is being formed (Appendix 2.1)
13	Result of training	
14	Form of training	Full-time
15	Language of training	<b>Russian, Kazakh</b>
16	Amount of credits	<b>240</b>
17	Academic degree awarded	<b>Bachelor course</b>
18	Availability of an appendix to the license	



<b>BC1</b> Training.	Independent, purposeful and comprehensive educational activities, continuous professional development through critical thinking and decision-making, analysis and evaluation of information.
<b>BC2</b> Professionalism	Critical understanding of the theories and principles of nursing, commitment to professional ethics and confidentiality in accordance with legal and organizational standards, responsibility for maintaining a positive work environment, concentration on improving efficiency and responsibility for their actions and work results.
<b>BC3</b> Communication.	Skills in independent, comprehensive and effective communication in interaction with different people in different situations, using a wide range of methods and technologies.
<b>BC4</b> Innovation.	Analytical and creative solution, and management of complex, unpredictable challenges in the context of nursing work, effective use of innovative technologies in the process of nursing care.
<b>PC1</b> Clinical nursing care.	Advanced skills of safe patient-centered nursing care of high quality, using modern methods based on the principles of evidence-based medicine, responsibility for independent decision-making, actions and their documentation.
<b>PC2</b> Scientific approach and evidence-based nursing practice.	Skills in managing and organizing the process of scientific research in the field of nursing, the ability to search, apply and critically evaluate evidence-based information, develop standards and guidelines for the development of clinical practice based on the principles of evidence-based medicine, for the implementation and evaluation of results.
<b>PC3</b> Management in nursing and the quality of nursing services.	Management and improvement of the quality of nursing care and management of nursing staff in medical organizations to ensure compliance with the principles of high-quality and effective interprofessional activities and trouble-free cooperation between different professionals at all levels.
<b>PC4</b> Health promotion.	Active work in the field of strengthening the health of individuals, families and society at the operational, tactical and strategic levels.
<b>PC5</b> Training.	Science-based activities in mentoring, training and health education of individuals/patients, families, groups to consolidate behavioral skills, functionality, autonomy and a healthy lifestyle, training and mentoring of nursing practice specialists.

<b>Result of training</b>	
<b>LO 1</b>	Able to train and to produce professionals, train, motivate, consult and instruct, using patient-centered teaching methods to promote a healthy lifestyle, functional empowerment, independence and self-care in everyday life.

<b>LO 2</b>	Demonstrates clear, effective and professional communication and interaction, can use the state, Russian and English languages, effectively uses a variety of information and communication technologies when performing professional tasks, shows respect and cooperates with people of different cultures.
<b>LO 3</b>	Adheres to the principles of professional ethics, confidentiality, understands the importance of theories and principles of nursing, takes responsibility for his actions in accordance with regulatory legal acts, is able to independently and in a team analyze the effectiveness of his actions and demonstrates the ability to transfer information and knowledge about nursing to other
<b>LO 4</b>	Improves professional development, taking into account the latest achievements of science and technology, analyzes, critically and effectively uses reliable, modern, scientifically based information, communication technologies, and is able to apply critical thinking skills in analysis and decision.
<b>LO 5</b>	Applies scientific knowledge, technological achievements and professional skills using modern, appropriate methods, evaluating them critically and continuously both in standard conditions and in a rapidly changing situation.
<b>LO 6</b>	Carries out diagnostics, formulates nursing diagnosis, has advanced and diverse clinical, theoretical and technological skills and knowledge for the implementation of the nursing process, is able to provide patient-centered integrated nursing care of high quality.
<b>LO 7</b>	Provides documentation of the nursing process, using the necessary computer technology, is able to critically evaluate and integrate information and evidence.
<b>LO 8</b>	Conducts nursing research for the implementation of nursing practice based on the principles of evidence-based medicine, identifies current problems of nursing practice and demonstrates the application of research results in clinical practice.
<b>LO 9</b>	Able to critically evaluate health promotion strategies to improve the quality of life, analyze the health status of the population, assessing their effectiveness, acquires advanced knowledge and skills to participate in the development of health promotion strategies.
<b>LO 10</b>	Demonstrates a creative approach to solving various problems and tasks, introduces and applies new and professional knowledge and solutions, effectively creates and integrates new knowledge and ideas in a multidisciplinary team to improve the quality of care, is able to use innovative technologies in nursing practice.
<b>LO 11</b>	Able to develop and implement strategic plans, organizes effective nursing care, effectively manages nursing staff and resources, is responsible for managerial decision-making, recognizes and implements international innovative ideas in nursing care, is responsible for document management in the organization.

№	Name of the discipline	Brief description of the discipline	Cycle (GED, BD, SD)	Component (Mandatory Component, University Component, Selection Component)	Number of credits	Generated learning outcomes(codes)
<b>Cycle of general education disciplines University component/Component of choice</b>						
1	History of Kazakhstan	Kazakhstan on the way to Independence: stages of formation of the idea of a national state. Contradictions of Soviet reforms in Kazakhstan in the second half of the twentieth century. Formation of the state structure of the Republic of Kazakhstan. Kazakhstan is a state recognized by the modern world. Formation of a nation of a single future. The state program «Densaulyk» is the promotion of a healthy lifestyle.	GED	MC	5	LO 1 LO 12
2	Philosophy	Philosophy as a science. Philosophy and worldview. The role of philosophy in the implementation of the third modernization of modern Kazakhstan. The origin and essence of consciousness. Cognition as a problem of philosophy. Education, science, technology, technology. Society and culture. Religion and philosophical knowledge. Civilizational identification of Kazakhstan in the global world.	GED	MC	5	LO 1 LO 3 LO 8

3	Psychology and cultural Studies	Personality psychology and its role in the system of human sciences. Emotions and volitional processes. Methods of psychological and social aspects. Values, interests, norms as the spiritual basis of personality. Psychology of communication. The concept and essence of culture. Space and forms of culture. Culture of nomads of Kazakhstan. Kazakh culture in the XV-XX centuries. Culture of a healthy lifestyle of the youth of Kazakhstan of the XXI century.	GED	MC	5	LO 1 LO2
4	Sociology and political science	Sociology is the science of society. The individual and society. Sociological research. Family and modernity. Education and social inequality. Health and medicine. Politics and society. The elite and political leadership. The State and civil society. Political culture and behavior. Political conflicts and crises. World politics and modern international relations.	GED	MC	4	LO 1 LO 2
5	Foreign language	Phonetic norms and grammatical forms and constructions of the English language. Mastering the lexical and terminological minimum in the specialty of nursing. Development of educational and professional speech of a nurse: development of skills and abilities of reading, listening, taking notes of medical literature; compilation of written texts on professional topics; construction of functional and semantic types of statements in the medical industry: monologue-description, monologue-reasoning, dialogue-conversation, dialogue-discussion.	GED	MC	10	LO 1 LO 3 LO 4 LO 7
6	Kazakh (Russian) language	Phonetic, orthoepic, orthographic, punctuation, stylistic norms of the modern Kazakh (Russian) language. Basic concepts of lexicology, phraseology, morphology, syntax, stylistics (A1, A2). Written, oral business communication in nursing. Terminology. Ethics,	GED	MC	10	LO1 LO 2 LO 3 LO 7

		etiquette of business speech, professional communication. Specialty language, professional speech culture of a nursing specialist. Construction of various types of monologues, dialogues, polylogues. Speech etiquette (B1, B2).				
7	Physical education	Theoretical foundations of physical education. Safety rules in the classroom. Methods of organizing independent physical exercises with different functional orientation. Rules for the use of sports equipment and sports equipment. Rules of personal hygiene.	GED	MC	8	LO10 LO 11
8	Information and communication technology	An ICT role in key sectors of development of society. Introduction to computer systems. Software. Operating systems. Human-computer interaction. Database systems. Data analysis. Data management. Networks and telecommunications. Cyber security. Internet technology. Cloud, mobile technology. Multimedia, SMART technology. E-technology. Information technologies in the professional sphere. Prospects of development of ICT.	GED	MC	5	LO1 LO2
9	Basics of law and Economics	Fundamentals of Law and Economics Legal education and development anti-corruption culture of future professionals within state the "Ruhani zhangyru" ". The legal status of medical workers, their social security. Code of the Republic of Kazakhstan "On the health of the people and the health care system". Market and competition. Theory firms and entrepreneurship. Development features national economy in Republic of Kazakhstan. State policy in development of medical industry.	GED	EC	5	LO2 LO3 LO4 LO7
10	Ecology and life safety	Purpose, objectives, methods of ecology research. The place and role of ecology in solving economic problems.	GED	EC	5	

		Environment, human health. Sources of pollution, composition. The causal relationship of the general morbidity of the population with environmental factors, solutions aimed at reducing the burden on the environment. Ensuring the safety of life.				
11	Anatomy, physiology and pathology	The structure of organs and systems of the human body in the context of the functions performed by the human body. The regularities of the functioning of cells, tissues, organs and systems of the body and the mechanisms of their regulation in different periods of life. Causes and mechanisms of typical pathological processes, their manifestations in the body in various diseases.	BD	UC	6	LO3 LO4 Lo10
12	Clinical Health Assessment and Nursing	Social conditionality of health, factors of influence. Physiological norms of health, principles of assessment of the functional state of the body, its most important systems. Methodology for assessing physical, mental health, fatigue. Basics of nursing. Infection safety, control. Assistance to the patient in the implementation of personal hygiene. Feeding patients. Assessment of the functional state of the patient. Methods, methods of drug therapy. Preparation for laboratory, instrumental research methods.	BD	UC	8	LO2 LO4 LO5 LO6 LO7
13	Medical care for acute and urgent conditions	Principles and strategies for emergency medical care using the global framework of the World Health Organization. Algorithms for emergency care in life-threatening situations. The patient's route. The use of emergency medications. First aid in various emergency conditions. Application of algorithms for first aid.	BD	UC	4	LO2 LO5 LO6

14	Basics of Evidence Nursing	The history of evidence-based nursing. The impact of nursing research on medical practice. The positive impact of evidence-based nursing practice on patients. Steps of applying scientific evidence in nursing practice. Critical evaluation of the results of the implemented nursing intervention based on the decision. Reading and analyzing scientific publications and research reports. Obstacles to the development of evidence-based nursing practice.	BD	UC	5	LO2 LO4 LO6 LO8
15	Fundamentals of pharmacology	Introduction to pharmacology. General patterns of pharmacodynamics and pharmacokinetics of drugs and changes in the functions of organs and systems caused by pharmacological effects. Primary pharmacological reactions between medicinal substances and biomolecules. Calculation of doses and concentrations of medicinal substances. Side effects when prescribing medications, methods of prevention and ways to correct side effects.	BD	UC	3	LO3 LO7 LO10
16	Mental Health and Addiction	Mental health and individual development, criteria and risk factors. Types of neuropsychiatric disorders. Addictions, biological mechanisms of addictive behavior, types of addictions. Factors of addictive behavior. Psychohygiene, psychoprophylaxis and psychotherapy. Medical care for intoxication, acute and chronic psychoses caused by the use of psychoactive substances. Features of the nursing process in the care of patients with narcological disorders.	BD	UC	4	LO1 LO2 LO3 LO5
17	Nursing process in pediatrics	Provision of sanitary and anti-epidemic regime in the children's department. The main methods of clinical	BD	UC	4	LO2 LO5 LO6

		examination of children. Subjective examination of children. Organization of nursing care during the newborn period. Screening of the child population. Organization of nursing care for respiratory diseases, diseases of the gastrointestinal tract, diseases of the circulatory system. Integrated management of childhood diseases. Providing assistance in case of emergency conditions in children.				LO10
18	Nursing care in surgery	The system of organization of surgical, oncological care. Aseptic and antiseptic. Infectious safety of the patient and staff. General issues of anesthesiology. Desmurgy. Bleeding and hemostasis, acute blood loss. The main issues of transfusiology. Care for surgical diseases, oncological diseases. Fundamentals of traumatology, resuscitation. Surgical operations. Acute and chronic surgical infection. Acuteabdominaldiseases, vascular diseases, urinary system. Privatesurgery.	BD	UC	3	LO3 LO4 LO5 LO6
19	Practice: Surgery (in the surgical department)	Familiarization with the work and accounting and reporting medical documentation of the emergency room, surgical departments. Familiarization with the organization of surgical care, sterilization methods, features of the device and organization of the operation unit and dressing rooms, organization of patient care in surgical practice. Consolidation of theoretical knowledge, acquisition of necessary skills in the diagnosis, treatment, care and prevention of surgical diseases.	BD	UC	4	LO3 LO5 LO6 LO7
20	Nursing care for chronic diseases	The main forms of organization of nursing care for chronic diseases. Nursing care for respiratory diseases, diseases of the circulatory system, diseases of the gastrointestinal tract, diseases of the urinary system,	BD	UC	4	LO 2 LO 5 LO 6 LO 7

		diseases of the blood system and diseases of the musculoskeletal system. Organization of work during the implementation of the disease management program, the work of a multidisciplinary team, training of patients with chronic diseases.				
21	Nursing home care	Indications and possibilities of home nursing care in various clinical situations (patients requiring wound treatment, disabled patients, patients with neurological diseases, chronic heart failure). Basic principles of home care. Nursing care at home in collaboration with a doctor, an interdisciplinary team, the patient's family, a social worker or a guardian. Correctdocumentationmaintenance.	BD	UC	4	LO 2 LO 4 LO 5 LO 9 LO 10
22	Practice: Mental Health	Practice of caring for patients with neuropsychiatric disorders. Individual development, characteristics, risk factors for the development of severe disorders. Biological mechanisms of addictive behavior, types of addictions, factors of their occurrence. The basics of psychohygiēna, psychoprophylaxis and psychotherapy. Skills in providing pre-medical care for intoxications, acute and chronic psychoses caused by the use of psychoactive diseases, and caring for patients with narcological disorders.	BD	UC	5	LO 2 LO 3 LO 5 LO 11
23	Nursing in obstetrics and gynecology	Organization of obstetric and gynecological service in the Republic of Kazakhstan. Research methods in obstetrics and gynecology. Management of physiological pregnancy, childbirth and the postpartum period. Inflammatory diseases of the female genital organs. Anomalies of the development and position of the female genital organs. Menstrual function disorders. Emergency care in obstetrics and gynecology. The role of the nursing	BD	UC	3	LO2 LO5 Lo6 Lo9

		service in the supervision and care of a pregnant, maternity, gynecological patient.				
24	Practice: Nursing in obstetrics	Practice in medical organizations. Familiarization with the specifics of the work and accounting and reporting medical documentation of perinatal centers, maternity protection centers, antenatal clinics, maternity hospitals. Consolidation of theoretical knowledge, acquisition of necessary skills in diagnosis, treatment, care and prevention in obstetrics and gynecology. The practice of nursing in obstetrics and gynecology.	BD	UC	5	LO 2 LO 5 LO 6 LO 9
25	Nursing in primary health care	Introduction, goals and objectives of primary health care. Measures to preserve and strengthen the health of the population. The role of a nurse in the prevention of infectious, non-communicable diseases. Maintaining medical records. Organization of the work of the children's polyclinic. Definition of health groups, risk groups. Organization of patronage supervision during the newborn period, up to a year. Vaccination office of the polyclinic, vaccination calendar, storage of vaccines. Medical examination. Planning of preventive measures.	BD	UC	6	LO 1 LO 2 LO 5 LO 6 LO 7 LO 10
26	Nursing in therapy	Causes and factors of pathological processes, prevention of major diseases of internal organs. Organization and implementation of all stages of the nursing process to ensure qualified patient care, taking into account	BD	UC	3	LO 2 LO 3 LO 5 LO 6 LO 7

		individual needs and problems. Organization of the nursing process in diseases of the circulatory organs, digestive organs, urinary organs, organs of the musculoskeletal system, endocrine system and blood.				
27	Practice: Nursing in therapy	Planning and conducting nursing interventions for therapeutic diseases, for the care of respiratory diseases, diseases of the circulatory system, diseases of the digestive system, diseases of the urinary tract, diseases of the musculoskeletal system, endocrine system and blood. Conducting all five stages of the nursing process in providing care to patients with a therapeutic profile.	BD	UC	5	LO2 LO3 LO5 LO6 LO7
28	Practice: Nursing in pediatrics	Practice in medical organizations. Familiarization with the peculiarities of work, accounting and reporting medical documentation of children's clinical hospitals, children's departments of polyclinics. Consolidation of theoretical knowledge, acquisition of necessary skills in the diagnosis, treatment, care and prevention of childhood diseases. Clinical decision-making skills and nursing practice. Consulting methods and their application. Prevention of childhood diseases.	BD	UC	5	LO3 LO5 LO6
29	Socially significant diseases	The list of socially significant diseases. Regulatory and legal documents defining the list of socially significant diseases. Determination of types and volumes of medical and social assistance lists and types of benefits. Conducting dispensary monitoring of patients, including those with disability. Algorithms for emergency care in acute forms of coronary heart disease, cerebral stroke. Preventive measures at the individual, family and population levels for socially significant diseases.	BD	UC	4	LO2 LO7 LO10 Lo11

30	Safe nursing care	Familiarization of students with the future professional activity in medical organizations of healthcare, the organization of the work of a nurse in the departments of medical organizations. Provision of sanitary and epidemiological regime in medical organizations, general patient care. Provision of safe nursing care in health care organizations for patients of various profiles.	BD	EC	5	Lo2 Lo3 LO4 Lo7
31	Patient-centered training	Stages of patient training. Collecting information about the patient. Identification of the patient's needs and problems. Setting goals and a patient training plan, assigning roles in a multidisciplinary team. Implementation of the patient's training plan, depending on the disease, state of health, filling out a self-monitoring diary. Evaluation of the effectiveness of the patient is training outcomes. Patient training in health promotion, rehabilitation and disease prevention.	BD	EC	5	LO1 LO2 LO3 LO4 Lo9
32	Pedagogical theories and principles in nursing education	The main components of concepts, learning theory. The main stages of educational activity. Modern the ories in pedagogy. The influence of education on personality. Pedagogical technologies, goals and content of medical education; formation of qualifications of the main types of classes in nursing disciplines; activities and management of educational institutions; basic methods of research and research work in education.	BD	EC	5	Lo3 LO4 Lo6 LO10
33	Quantitative and qualitative research methods	Theoretical foundations of scientific research. Types, conducting scientific research in nursing. Analysis of scientific research, literature review, data collection and analysis. Skills for evaluating research results. Concepts of correlation, regression, chain registration. Qualitative	PD	UC	5	Lo4 LO7 LO8 Lo11

		research methods. Analysis of their application. Differences and advantages of qualitative and quantitative research methods. The application of qualitative research in nursing practice.				
34	Nursing leadership	The concepts of «leader», «leadership». The main factors determining the leadership style. Types of managers. The concept of a successful manager. The main theories of leadership: situational, behavioral and motivational. Influence, persuasion. Socio-psychological climate in the department. Creativity in management activities. Teamwork: the main features of a team, the advantages of a team form of work. The concept of organizational culture. Formation of leadership qualities in a nurse-leader.	PD	UC	6	LO2 LO5 LO9 Lo11
35	Management and quality in nursing	Topical issues of healthcare organization and prospects for the development of nursing in the Republic of Kazakhstan and in the world. The concept of «management», «management» and «managerial activity». The role of the nurse-manager in the administrative process, psychological aspects of the nurse-organizer. Quality management issues in health care and nursing. Managing change, risks and conflicts. Issues of cooperation in nursing.	PD	UC	6	Lo3 Lo4 LO11
36	Organization and methods of research in nursing	Scientific communication. Fundamentals of international law and ethical regulation in the field of scientific research. Problem statement, hypothesis formation. Definition of the purpose and objectives of the research project. Research design. Analysis of research and formulation of conclusions and proposals. Analysis of theoretical and experimental studies and formulation of	PD	UC	5	Lo4 LO7 LO8 LO11

		conclusions and preparation of reports on research work. Transfer of research results to practical nursing.				
37	Palliative care	The philosophy of palliative care. «Incurable patient». Indications for palliative care. The procedure for providing palliative care, an innovative approach. Comprehensive palliative care using a multidisciplinary approach. Principles of management of patients cured of malignant neoplasm, but experiencing the effects of chemotherapy, radiation, surgical treatment. Training of relatives and volunteers to provide palliative care in the hospital and at home.	PD	UC	6	Lo2 LO5 LO6 LO10
38	Nursing in gerontology	Theories and concepts of aging, evidence-based guide to the care of the elderly. The unique health and well-being needs of the elderly population. Assessment of the condition, evidence-based health promotion, safety of an elderly patient. Geriatric syndromes, displacement technologies. Participation of the family in maintaining the health and well-being of the elderly. The joint work of a nurse and a social worker in the care of the elderly.	PD	UC	6	Lo2 LO5 LO6 Lo10
39	Practice: Nursing in gerontology	Practice: Nursing in gerontology Age-related changes, theory of aging, anatomical and physiological features of an aging organism, gerontopsychology and active longevity. Principles of organization of medical and social care in Kazakhstan. The role of a nurse in building modern communications and interaction with elderly patients and families.	PD	UC	5	Lo3 LO4 LO6

40	Specialized nursing care	Specialized care, methods of nursing care of patients in various medical and preventive organizations. Organization of specialized nursing care for cardiological patients. Organization of specialized nursing care for neurological, stroke patients. The work of a nurse in stroke centers. Specialized care and supervision of post-traumatic patients and patients with vascular pathology. Assessment of the patient's condition and emergency care.	PD	UC	5	Lo2 LO3 LO5 Lo6
41	Practice: Specialized nursing care	Specialized care, methods of nursing care for patients in various medical and preventive organizations. Organization of specialized nursing care for patients with tuberculosis. Organization and implementation of specialized nursing care for neurological and stroke patients. Specialized care and supervision of patients after injury and surgical interventions. Monitoring and care in dynamics, control of changes.	PD	UC	10	Lo2 LO3 LO5 Lo10
42	Practice: Leadership in nursing	Organization of staff motivation, remuneration management. Ensuring labor discipline by the heads of nursing services. The laws and principles of management. Quality management in healthcare. Administrative management methods in healthcare. Persuasion and moral stimulation (encouragement).	PD	UC	5	LO3 LO5 LO9 Lo10

		Maslow's hierarchy of needs. Management of organizational changes, risks and conflicts.				
43	An indepth course in evidence-based nursing practice	The connection of scientific research with nursing practice. The essence of qualitative, quantitative research, the main stages of nursing research. Ethical problems in conducting research. Methodology of research. Methodology of scientific search, processing and analysis of research data. The legal basis for conducting research in medicine, healthcare, and nursing. The process of evaluating research, critical evaluation. The role of a systematic approach in scientific research.	PD	UC	5	Lo1 Lo3 Lo8 LO10
44	Mental Health	National Mental Health Policy. State social policy of the Republic of Kazakhstan. Criteria and risk factors for mental health disorders. Social, psychological and biological factors of the development of disorders. Prerequisites, symptoms of manifestations of the violation. Medical and social patronage. Ways to strengthen and protect mental health.	PD	EC	5	LO6 LO7 LO9
45	Nursing process	Standards of nursing practice. Description of the nursing process. Stages of the nursing process, the correct conduct of each stage. Documentation of the nursing process, standards of operational procedures. Data collection. Data collection methods. Making a nursing diagnosis. Organization and implementation of the nursing process. A nursing surveillance map. Standardization in the professional business of a nurse. Nursing care card. Types of nursing interventions.	PD	EC	7	LO2 LO3 Lo4 LO5 LO6



		Evaluation of the conduct.				
46	Final attestation	Determination of the degree of mastering the scope of academic disciplines provided for by the state mandatory standard of education by testing in key disciplines of nursing, according to the developed specifications. Analysis and critical evaluation of the application of information in practice. Managing the process of implementing algorithms for medical care and management at five objective structured clinical examination (OSCE) stations.			4	LO1 LO2 LO5 LO6 LO9