

ОҢТҮСТІК-ҚАЗАҚСТАН  
MEDISINA  
AKADEMIASY  
«Оңтүстік Қазақстан медицина академиясы» АҚ



SOUTH KAZAKHSTAN  
MEDICAL  
ACADEMY  
АО «Южно-Казakhstanская медицинская академия»



APPROVED by  
Rector of the «SKMA» JSC  
Z.Seitzhanova  
«02» 05 2025 y.

### EDUCATIONAL PROGRAM

Educational program group: B084 Nursing

Code of the educational program: 6B10104

Name of the educational program: «Nursing»

Level of the educational program: Bachelor's degree

Shymkent, 2025

ONTUSTIK-QAZAQSTAN  
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«Nursing» EP AC

Educational program

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The educational program 6B10104 «Nursing» was developed by the members of the «Nursing» EP AC

Agreed with employers:

Chief physician of the СР №7

Zhanabayev N.S.

Chief physician of the СН №2

Pozilov B.Dzh.

Chairman «Nursing» EP AC

Khojakulova U.A.

Protocol № 5 of «28» 03 2025y.

Agreed by the Methodical Council

Vice Rector for academic affairs

Anartayeva M.U.

Protocol № 9 of «02» 05 2025y.

Agreed by the Academic Council

Protocol № 13 of «02» 05 2025y.



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### Passport of the educational program

1. Regulatory documents for the development of a modular educational program (state education standards, professional standards (if any) and others).
2. Order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated July 20, 2022 №2 «On approval of State mandatory standards of education at all levels of education»
3. 3. Order of the Acting Minister of Health and Social Development of the Republic of Kazakhstan dated July 31, 2015 № 647 (with amendments and additions dated July 4, 2022 № MH RK-63)
4. Standard rules for the activities of organizations implementing higher and postgraduate education programs Order of the Ministry of Education and Science of the Republic of Kazakhstan dated 30.10. 2010 № 595 with amendments and additions dated December 29, 2021 № 614
5. Order of the Ministry of Education and Science of the Republic of Kazakhstan On Amendments and Additions to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated April 21, 2011 № 152 «On Approval of the Rules for organizing the educational process on credit technology of education» (with amendments and additions dated 12.10.2018 № 563)
6. Order of the Ministry of Education and Science of the Republic of Kazakhstan dated 14.07.2021 № 339 «On approval of qualified requirements for general education activities and a list of documents confirming compliance with them» on approval of State mandatory standards and standard professional training programs in medical and pharmaceutical specialties.
7. On the introduction of amendments and additions to the Order of the Minister of Education and Science of the Republic of Kazakhstan dated March 18, 2008 № 125 «On approval of standard rules for conducting ongoing monitoring of academic performance, intermediate and final certification of students for organizations of secondary, technical and vocational, post-secondary education»  
 Order of the Minister of Education and Science of the Republic of Kazakhstan dated 31.05.2021 №248.

**2. 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.

**3. Objects of professional activity:**

health management organizations;  
 healthcare organizations;  
 educational organizations;  
 science organizations;

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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

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## Appendix 2

### Application form «Inclusion of an educational program in the Register» Nursing

№	Field name	Note
1	Registration number	This field should be displayed after the initial saving of the application form. The field is blocked fo rediting.
2	Code and classification of the field of education	<b>6V10 Health and Welfare (medicine)</b>
3	Code and classification of training areas	<b>6V10 Health</b>
4	Group educational programs	Values should refer to the Order of the Ministry of Education (2020).
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>6.1</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

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15	Language of training	<b>Russian, Kazakh</b>
16	Amount of credits	<b>240</b>
17	Degree awarded	<b>Bachelor course</b>
18	Availability of an appendix to the license for the direction of training	
19	Availability of educational program accreditation	<b>Yes</b>
	Name of the accreditation body	<b>Independent Agency for Quality Assurance in Education (IQAA)</b>
	Validity period of accreditation	<b>2025</b>
20	Information about disciplines	Information about the disciplines university component/elective component, general education disciplines, basic disciplines, profile disciplines ( <b>Appendix 2.2</b> )

Appendix 2.1

**Matrix of correlation of training outcomes according to the educational program as a whole with the competencies being formed**

	LO1	LO2	LO3	LO4	LO5	LO6	LO7	LO8	LO9	LO10	LO11
<b>BC1</b>											
<b>BC2</b>											
<b>BC3</b>											
<b>BC4</b>											
<b>PC1</b>											

<b>PC2</b>											
<b>PC3</b>											
<b>PC4</b>											
<b>PC5</b>											

<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 and improvement of the quality of nursing care and management of nursing staff in medical

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Management in nursing and the quality of nursing services.	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 team members.
<b>LO 4</b>	Improves professional development by taking into account the latest achievements in science and technology; analyzes, critically and effectively uses reliable, up-to-date, evidence-based information, communication and digital technologies, artificial intelligence; demonstrates the ability to apply critical thinking skills in analysis and decision-making.
<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>	Performs diagnostics, formulates nursing diagnoses, and possesses advanced and diverse clinical, theoretical, and technological skills and knowledge to implement the nursing process. Capable of providing high-quality, patient-centered, integrated nursing

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	care in accordance in compliance with the principles of inclusion.
<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 in solving various problems and tasks using artificial intelligence and digital technologies; implements and applies new and professional knowledge and solutions; effectively generates and integrates new knowledge and ideas within a multidisciplinary team to improve the quality of care; capable of utilizing innovative technologies in nursing practice.
<b>LO 11</b>	Capable of developing and implementing strategic plans; organizes effective nursing care in compliance with the principles of inclusion, efficiently manages nursing staff and resources; assumes responsibility for making managerial decisions; recognizes and integrates international innovative ideas into nursing care; responsible for document management within the organization.

*Appendix 2.2*

**The matrix of achievability of competencies/training results**

№	Name of the discipline	Brief description of the discipline (30-50 words)	Cycle (GED, BD, PD)	Component (RC, UK, CoC)	Number of credits	Generated training results (codes)
<b>Cycle of general education disciplines (GED)</b>					<b>46</b>	
<b>Required component (RC)/ Component of choice (CoC)</b>						
1	History of Kazakhstan	Formation of the ideological, civic and moral positions of a future specialist based on a deep understanding and scientific analysis of the main stages, patterns and peculiarities of the historical development of	<b>GED</b>	<b>RC</b>	<b>5</b>	<b>LO1 LO2</b>

		Kazakhstan, as well as the skills of using methods and techniques of historical description to analyze the causes and consequences of events in the history of Kazakhstan.				
2	Philosophy	Formation of skills in assessing the surrounding reality based on worldview positions formed by knowledge of the fundamentals of philosophy, which provide scientific understanding and study of the natural and social world by methods of scientific and philosophical knowledge; interpret the content and specific features of the mythological.	<b>GED</b>	<b>RC</b>	<b>5</b>	<b>LO1 LO3 LO8</b>
3	<b>Module of Socio-Political Knowledge (Sociology, Political Science, Cultural Studies, Psychology)</b>	Applies acquired knowledge for effective socialization and adaptation in changing socio-cultural conditions. He is able to analyze social processes, critically comprehend information, and apply sociological research methods in various fields. Has the skills of logical and reasoned analysis of psychological phenomena. He is able to perceive and interpret socially significant cultural knowledge, the psychological foundations of inclusion and the principles of equality and acceptance of differences, and use them in personal and professional activities.	<b>GED</b>	<b>RC</b>	<b>6</b>	<b>LO1 LO2 LO6</b>
4	<b>Foreign language</b>	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	<b>GED</b>	<b>RC</b>	<b>8</b>	<b>LO1 LO2 LO4 LO7</b>

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		statements in the medical industry: monologue-description, monologue-reasoning, dialogue-conversation, dialogue-discussion.				
5	<b>Kazakh (Russian) language</b>	Formation of communication skills in oral and written forms in Kazakh and Russian to solve problems of interpersonal, intercultural and professional communication, analysis of information in accordance with the communication situation and the ability to interpersonal, social and professional communication in Kazakh and Russian.	<b>GED</b>	<b>RC</b>	<b>8</b>	<b>LO1 LO2 LO3 LO7</b>
6	<b>Physical education</b>	Formation of a personality who is competitive and capable of physical self-improvement through the skills of building a personal educational trajectory throughout life for self-development and career growth, focused on a healthy lifestyle to ensure full-fledged social and professional activities through methods and means of physical education.	<b>GED</b>	<b>RC</b>	<b>6</b>	<b>LO 10 LO 11</b>
7	<b>Information and communication technology</b>	This course covers the fundamental concepts of information and communication technologies, including computer system architecture, types of software, database systems, data analysis and management, network technologies, cybersecurity, Internet technologies, cloud technologies, multimedia technologies, smart technologies, fundamentals of artificial intelligence and its applications.	<b>GED</b>	<b>RC</b>	<b>3</b>	<b>LO1 LO2 LO6</b>
8	<b>Legal, financial-economic, environmental, and</b>	Based on financial, legal, environmental and scientific knowledge, the formation of one's own moral and civic position; general competencies in dealing with social,	<b>GED</b>	<b>CoC</b>	<b>5</b>	<b>LO2 LO3 LO4</b>

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	<b>scientific knowledge*</b>	business, cultural, financial, legal and ethical norms of Kazakh society for self-development and lifelong education, mobility in the modern world and critical thinking; skills in applying scientific methods and research techniques of a specific science.				<b>LO7</b>
9	<b>Basics of law and economics*</b>	Legal education and development of anti-corruption culture of future specialists within framework of state program «Rukhani Zhangyru». Legal status of medical workers, social security. Code of RK «On public health and healthcare system». Market and competition. Theory of firm, entrepreneurship. Features of national economy development in the RK. State policy in medical industry development field.	<b>GED</b>	<b>CoC</b>		<b>LO2 LO3 LO4 LO7</b>
10	<b>Fundamentals of anti-corruption culture *</b>	Formation of value orientations and knowledge in the field of anti-corruption culture, anti-corruption behavior, development of skills for recognizing and countering corruption in various spheres of public and professional activity. The importance of an anti-corruption culture for society and individuals. Socio-economic and legal consequences of corruption. Ethical foundations of anti-corruption activities, tools and methods of corruption prevention	<b>GED</b>	<b>CoC</b>		<b>LO2 LO3 LO4 LO7</b>
11	<b>Ecology, Sustainable Development and Life Safety, Scientific Research Methods</b>	Based on environmental, scientific knowledge and sustainable development, the formation of skills: to analyze environmental problems, develop analytical and critical thinking skills when considering environmental problems, identify and study environmental problems, look for cause-effect relationships and propose	<b>GED</b>	<b>CoC</b>		<b>LO2 LO3 LO4 LO7</b>

		appropriate solutions; conduct and interpret environmental research: skills of data collection, information analysis and applications of ecological techniques to study natural systems; apply environmental knowledge to analyze and solve problems related to environmental pollution and their impact on the human body. Mastering the methodological foundations of scientific knowledge. Application of scientific research methods in theory and practice.				
<b>Cycle of Basic Disciplines (BD)</b>					<b>93</b>	
<b>University Component (UC) / Component of choice (CoC)</b>						
12	<b>Anatomy, physiology and pathology</b>	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.	<b>BD</b>	<b>UK</b>	<b>6</b>	<b>LO3 LO4 LO10</b>
13	<b>Clinical Health Assessment and Nursing</b>	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	<b>BD</b>	<b>UK</b>	<b>8</b>	LO2 LO4 LO5 LO6 LO7

		the functional state of the patient. Methods, methods of drug therapy. Preparation for laboratory, instrumental research methods.				
14	<b>Basics of Evidence-Based Nursing</b>	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.	<b>BD</b>	<b>UK</b>	<b>5</b>	LO2 LO4 LO6 LO8
15	<b>Medical care for acute and urgent conditions</b>	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.	<b>BD</b>	<b>UK</b>	<b>4</b>	LO2 LO5 LO6
16	<b>Fundamentals of pharmacology</b>	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.	<b>BD</b>	<b>UK</b>	<b>3</b>	LO3 LO7 LO10

17	<b>Mental Health and Addiction</b>	Mental health and individual development, criteria and risk factors. Types of neuropsychiatric disorders. Addictions, biological mechanisms of addictive behavior, types of addictions. Factors contributing to the development of addictive behavior. Psychohygiene, psychoprophylaxis, and psychotherapy. Medical care for intoxications, acute and chronic psychoses caused by the use of psychoactive substances. Specifics of the nursing process in caring for patients with substance use disorders.	<b>BD</b>	<b>UK</b>	<b>4</b>	LO1 LO2 LO3 LO5
18	<b>Nursing Process in Pediatrics</b>	Ensuring sanitary and anti-epidemic measures in the pediatric ward. Basic methods of clinical examination of children. Subjective assessment of pediatric patients. Organization of nursing care during the neonatal period. Screening of the pediatric population. Organization of nursing care for respiratory diseases, gastrointestinal disorders, and circulatory system diseases in accordance in compliance with the principles of inclusion. Integrated management of childhood illnesses. Providing care in pediatric emergency conditions.	<b>BD</b>	<b>UK</b>	<b>4</b>	LO2 LO5 LO6 LO10
19	<b>Nursing care in surgery</b>	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. Acute abdominal	<b>BD</b>	<b>UK</b>	<b>3</b>	LO3 LO4 LO5 LO6

		diseases, vascular diseases, urinary system. Private surgery. Inclusive care in surgery.				
20	<b>Practice: Nursing care in surgery (in the surgical department)</b>	Familiarity 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, the 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.	<b>BD</b>	<b>UK</b>	<b>4</b>	LO3 LO5 LO6 LO7
21	<b>Home Nursing Care</b>	Indications and possibilities for providing home-based nursing care in various clinical situations (patients requiring wound care, patients with disabilities, patients with neurological disorders, chronic heart failure). Basic principles of home care. Home nursing care in collaboration with a physician, interdisciplinary team, the patient's family, social worker, or caregiver, applying the principles of inclusion. Proper documentation management.	<b>BD</b>	<b>UK</b>	<b>4</b>	LO2 LO4 LO5 LO6 LO9 LO10
22	<b>Nursing care for chronic diseases</b>	Main forms of organizing nursing care for chronic diseases. Nursing care for respiratory diseases, circulatory system disorders, gastrointestinal tract diseases, urinary system disorders, blood system diseases, and musculoskeletal system conditions. Organization of work in the implementation of disease management programs, functioning of a	<b>BD</b>	<b>UK</b>	<b>4</b>	LO2 LO5 LO6 LO7 LO11

		multidisciplinary team, and patient education for those with chronic conditions, applying the principles of inclusion.				
23	<b>Clinical Practice: Mental Health</b>	The practice of caring for patients with neuropsychiatric disorders. Individual development, features, risk factors for the development of severe disorders. Biological mechanisms of addictive behavior, types of addictions, factors of their occurrence. Fundamentals of psychohygiene, psychoprophylaxis and psychotherapy. Skills in providing pre-medical medical care for intoxication, acute and chronic psychoses caused by the use of psychoactive diseases, caring for patients with drug-related disorders.	<b>BD</b>	<b>UK</b>	<b>5</b>	LO2 LO3 LO5 LO11
24	<b>Nursing in obstetrics and gynecology</b>	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 service in the supervision and care of a pregnant, maternity, gynecological patient.	<b>BD</b>	<b>UK</b>	<b>5</b>	LO2 LO5 LO6 LO9
25	<b>Clinical Practice: Nursing in Obstetrics</b>	Practice in healthcare organizations. Familiarization with the specifics of work and medical recordkeeping and reporting documentation in perinatal centers, maternal health centers, antenatal clinics, and maternity hospitals. Consolidation of theoretical knowledge and	<b>BD</b>	<b>UK</b>	<b>5</b>	LO2 LO5 LO6 LO9

		acquisition of necessary skills and competencies in diagnostics, treatment, care, and prevention in obstetrics and gynecology. Practice in providing nursing care in obstetrics and gynecology.				
26	<b>Nursing in Therapy</b>	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 individual needs and problems. Organization of the nursing process for diseases of the circulatory system, digestive system, urinary system, musculoskeletal system, endocrine system and blood.	<b>BD</b>	<b>UK</b>	<b>3</b>	LO2 LO3 LO5 LO6 LO7
27	<b>Practice: Nursing in Therapy</b>	Planning and conducting nursing interventions for therapeutic diseases, respiratory diseases, circulatory diseases, digestive diseases, urinary tract diseases, 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.	<b>BD</b>	<b>UK</b>	<b>4</b>	LO2 LO3 LO5 LO6 LO7
28	<b>Nursing process in pediatrics</b>	Practice in medical organizations. Familiarization with the work features, 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. Methods of counseling and their application. Prevention of childhood diseases.	<b>BD</b>	<b>UK</b>	<b>5</b>	LO3 LO5 LO6

29	<b>Socially significant diseases</b>	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.	<b>BD</b>	<b>UK</b>	<b>4</b>	LO2 LO7 LO10 LO11
30	<b>Safe nursing care</b>	Familiarization of students with their future professional activities in healthcare organizations, including the organization of nurses' work in various departments of medical institutions. Ensuring compliance with sanitary and epidemiological standards in healthcare facilities, as well as providing general patient care. Providing safe nursing care in healthcare organizations for patients of various profiles while in compliance with the principles of inclusion.	<b>BD</b>	<b>UK</b>	<b>5</b>	LO2 LO3 LO4 LO7 LO11
31	<b>Patient-centered training</b>	Stages of patient education. Collecting patient information. Identifying the patient's needs and problems. Setting goals and developing a patient education plan, assigning roles within the multidisciplinary team. Implementing the patient education plan depending on the illness and health condition, including the completion of a self-monitoring diary. Evaluating the effectiveness of patient education outcomes. Educating the patient on health promotion,	<b>BD</b>	<b>UK</b>	<b>5</b>	LO1 LO2 LO3 LO9

		rehabilitation, and disease prevention.				
32	<b>Pedagogical Theories and Principles in Nursing Education</b>	Key components of educational concepts, learning theory. Main stages of the educational process. Modern theories in pedagogy. The impact of education on personality. Pedagogical technologies, goals and content of medical education; development of qualifications through core types of instructional activities in nursing disciplines; administration and management of educational institutions; basic research methods and approaches to conducting research in education.	BD	UK	5	LO3 LO4 LO6 LO10
33	<b>Artificial Intelligence and Digitalization in Nursing/</b>	Digital medicine: introduction, goals, and objectives. Trends in digitalization in nursing. The role of the nurse in the digital healthcare system. Basic concepts of artificial intelligence. Opportunities, limitations, and ethical aspects of applying artificial intelligence in nursing practice. Electronic nursing documentation. Integration of information systems into nursing workflows. Cybersecurity and protection of medical data.	BD	UK	3	LO2 LO3 LO4 LO5 LO10
34	<b>Nursing in Primary Health Care</b>	Introduction, goals, and objectives of primary health care (PHC). Activities for maintaining and promoting population health. The role of the nurse in the prevention of infectious and non-infectious diseases. Management of medical documentation. Organization of work in a children's polyclinic. Identification of health groups and risk groups. Organization of home visits during the neonatal period and up to one year of	BD	UK	3	LO1 LO2 LO5 LO6 LO7 LO10

ОҢТҮСТІК-ҚАЗАҚСТАН <b>MEDISINA</b> <b>AKADEMIASY</b> «Оңтүстік Қазақстан медицина академиясы» АҚ	 SOUTH KAZAKHSTAN <b>MEDICAL</b> <b>ACADEMY</b> АО «Южно-Казakhstanская медицинская академия»	Idenr. number 21p. of 25
«Nursing» EP AC Educational program		

		age. Vaccination room in the polyclinic, immunization schedule, vaccine storage. Medical check-ups and follow-up care (dispensary observation). Planning of preventive measures.				
<b>Cycle of Profile Disciplines (PD)</b> <b>University Component (UC) / Component of choice (CoC)</b>					<b>90</b>	
35	<b>Quantitative and qualitative research methods</b>	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 research methods. Analysis of their application. Differences and advantages of qualitative and quantitative research methods. The application of qualitative research in nursing practice.	PD	UK	5	LO4 LO7 LO8 LO11
36	<b>Leadership in Nursing</b>	Concepts of “leader” and “leadership.” Key factors determining leadership style. Types of leaders. The concept of a successful leader. Major leadership theories: situational, behavioral, and motivational. Influence and persuasion. Socio-psychological climate in the department. Creativity in managerial activities. Teamwork: key characteristics of a team, advantages of team-based work. Concept of organizational culture. Development of leadership qualities in a nurse leader.	PD	UK	6	LO2 LO5 LO9 LO11
37	<b>Management and Quality in Nursing</b>	Current issues in healthcare organization and the development prospects of nursing in the Republic of Kazakhstan and worldwide. The concepts of "management," "administration," and "managerial	PD	UK	6	LO3 LO4 LO11

		activity." The role of the nurse manager in the administrative process; psychological aspects of the nurse administrator's work. Issues of quality management in healthcare and nursing. Change management, risk management, and conflict resolution. Issues of collaboration in nursing.				
38	<b>Organization and methods of research in nursing</b>	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 conclusions and preparation of reports on research work. Transfer of research results to practical nursing.	PD	UK	5	LO4 LO7 LO8 LO11
39	<b>Palliative care</b>	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, respecting the principles of inclusion.	PD	UK	6	LO2 LO5 LO6 LO10 LO11
40	<b>Nursing in gerontology</b>	Philosophy of palliative care. The "incurable patient." Indications for palliative care. Procedures and	PD	UK	6	LO2 LO5

		innovative approaches in the provision of palliative care. Comprehensive palliative support using a multidisciplinary approach. Principles of managing patients who have recovered from malignant neoplasms but experience the consequences of chemotherapy, radiation, or surgical treatment. Training of family members and volunteers to provide palliative care both in inpatient settings and at home, while adhering to the principles of inclusion. The joint work of a nurse and a social worker in the care of the elderly.				LO6 LO10 LO11
41	<b>Practice: Nursing in gerontology</b>	Age-related changes, the theory of aging, anatomical and physiological features of an aging organism, gerontopsychology and active longevity. Principles of organization of medical and social assistance in Kazakhstan. The role of a nurse in building modern communications and interaction with elderly patients and families.	PD	UK	5	LO3 LO4 LO6
42	<b>Specialized nursing care</b>	Specialized care and nursing service methods for patients in various healthcare and preventive institutions. Organization of specialized nursing care for patients with cardiovascular conditions. Organization of specialized nursing care for patients with neurological disorders and stroke, in accordance with the principles of inclusion. The nurse's role in stroke centers. Specialized care and monitoring of post-traumatic patients and those with vascular pathologies. Patient condition assessment and provision of emergency care.	PD	UK	5	LO2 LO3 LO5 LO6 LO11
43	<b>Practice: Specialized</b>	Specialized care, methods of nursing care of patients in	PD	UK	10	LO2

	<b>nursing care</b>	various medical and preventive organizations. Organization of specialized nursing care for patients with tuberculosis. Organization and implementation of specialized nursing care for neurological, stroke patients. Specialized care and supervision of patients after trauma and surgical interventions. Monitoring and care in dynamics, control of changes.				LO3 LO5 LO10
44	<b>Practice: Leadership in Nursing</b>	Organization of staff motivation and reward management. Ensuring labor discipline by nursing service managers. Laws and principles of management. Quality management in healthcare. Administrative management methods in healthcare. Persuasion and moral incentives (encouragement). Maslow's hierarchy of needs. Management of organizational change, risks, and conflicts.	PD	UK	5	LO3 LO5 LO9 LO10
45	<b>Advanced course in evidence-based nursing practice</b>	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	UK	5	LO1 LO3 LO8 LO10
46	<b>Mental Health</b>	National Mental Health Policy. State social policy of the Republic of Kazakhstan. Criteria and risk factors for mental health disorders. Social, psychological and	PD	UK	5	LO6 LO7 LO9

		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.				
47	<b>Nursing Process</b>	Standards of nursing practice. Description of the nursing process. Stages of the nursing process and proper implementation of each stage. Nursing process documentation and standard operating procedures. Data collection and methods of data collection. Formulation of nursing diagnoses. Organization and implementation of the nursing process. Nursing observation chart. Standardization in the professional activities of a nurse. Nursing care plan. Types of nursing interventions. Evaluation of implementation.	BD	UK	7	LO2 LO3 LO4 LO5 LO6
48	<b>Final certification Preparation and passing of the comprehensive exam</b>	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.			8	LO1 LO2 LO5 LO6 LO9
		<b>TOTAL</b>			<b>240</b>	