

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
State Higher Educational Institution “I.Ya.Horbachevsky Ternopil State Medical
University Ministry of Health Care of Ukraine”

**EDUCATIONAL AND PROFESSIONAL PROGRAM
“NURSING”**

First level of higher education

Specialty 223 Nursing

Branch of knowledge 22 Health Care

Qualification: Bachelor of Nursing

APPROVED BY ACADEMIC COUNCIL

State Higher Educational Institution “I.Ya.Horbachevsky Ternopil State Medical
University Ministry of Health Care of Ukraine”

Head of Academic Council

_____ /Prof.M. Korda

(Minutes №1 on August 30, 2017)

Implementation date of Educational Program

from September 1, 2017

Rector _____ /Prof. M. Korda

(Order № 458 on “31” August 2017.)

AGREEMENT LETTER
of educational and professional program

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Rector

Vice-rector for
Scientific and Pedagogical Work

Head of Institute of Nursing

A handwritten signature in blue ink, appearing to be 'S. O. Yastremka', is written over the signature line.

M. M. Korda

A. H. Shulhai

S. O. Yastremka

PREFACE

Work group:

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Reviewed by:

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**Program Profile on Specialty 223 «Nursing»
(Specialization «Nursing», Bachelor’s Degree)**

| 1 – General Information | |
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| Full name of higher educational institution and department | <u>State Higher Educational Institution “I.Ya.Horbachevsky Ternopil State Medical University Ministry of Health Care of Ukraine”</u> |
| Level of higher education and name of qualification in source language | Bachelor of Nursing |
| Official name of educational program | Nursing |
| Diploma type and scope of educational program | Bachelor’s Diploma, unitary, 60 credits ECTS, study duration – 1 year - on the basis of a diploma of a junior bachelor (junior specialist) in specialty 223 “Nursing” (5.12010102 “Nursing”). |
| Certificate of Accreditation | - Ministry of Education and Science - National Agency on quality assurance of higher education - Ukraine - Accredited |
| Cycle/ Level | FQ–EHEA – first cycle, QF-LLL – level 6, HPK – level 6 |
| Preconditions | Presence of a junior specialist diploma (on the basis of entrance exams). Admission requirements are determined by Rules of admission to SHEI «I.Ya.Horbachevsky Ternopil State Medical University Ministry of Health Care of Ukraine», approved by the Academic Council. |
| Language(s) of instruction | Ukrainian, English |
| Duration of educational program | July 30, 2018 – June 30, 2023 |
| Internet-address of educational program entry | www.tdmu.edu.ua/ http://nursing.tdmu.edu.ua/informacijni-dokumenty |
| 2 – Aim of educational program | |
| Development of a system of educational components in the first level of higher education within the specialty 223 “Nursing”, which defines: - the requirements to the level of education of persons who can start education according to this program; | |

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| <ul style="list-style-type: none"> - a list of academic disciplines and their logical sequence; - the number of ECTS credits required by this program; - expected learning outcomes, which should be mastered by a bachelor's degree student on specialty 223 "Nursing" | |
| 3 –Description of educational program | |
| Subject area (branch of knowledge, specialty, specialization (if any)) | Branch of knowledge – 22 Health Care Specialty – 223 Nursing Specialization – Nursing |
| Orientation of educational program | Professional |
| Principal focus of educational program | General program in the field of health care is directed toward establishing individual educational progress within "Life-long education". Complete higher medical education. |
| Program characteristics | Program provides for theoretical, practical and research training, form of study: full-time on the basis of the degree of junior specialist in "Health Care". The program also implies undergraduate practical training. |
| 4 – Graduates' employment capability and further training | |
| Employment capability | <p>The specialist is prepared to work according to DK 009-2010:</p> <p>Section Q. Health Care and Provision of Social Assistance</p> <p>Chapter 86.1 Activities of hospitals</p> <p>Group 86.10 Activities of hospitals</p> <p>Class 86.21 General medical practice</p> <p>Class 86.90 Other activities in the field of health care</p> <p>After graduation from the bachelor's educational program, specialty "Nursing", a specialist is ready to perform professional duties mentioned in DK 003-2010:</p> <ul style="list-style-type: none"> – 1229.5 Chief (Head) of the structural unit in medical facility – 1229.5 1 Head Nurse – 3231 Nurse <p>A specialist may take the initial position in accordance with the current List of Specialties:</p> <p>Chapter 2 Professionals</p> <p>Specialist</p> <p>K11 Professional title of work</p> <ul style="list-style-type: none"> 1229.5 – Deputy Chief Nursing Officer; 1229.5 – Head Nurse; |

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| | 3231 – Nurse supervisor; 3231 – Nurse anaesthetist; 3231 – Nurse of emergency medical service; 3231 – Nurse of medical cosmetic treatment; 3231 – Medical statistician |
| Further education | Acquiring a second (master's) level of higher education |
| 5 – Teaching and assessment | |
| Teaching and learning | Competent, student-centred, problem-oriented approaches and initiative self-study. Lectures in combination with multi-media, e-learning, group work, interpersonal teaching and assessment of groupmates, self-study, research-based learning, reflective training, internship, team work, individual training. |
| Assessment | Current oral assessment, knowledge testing, performance reports, practical skills evaluation, presentations, practice reports, control papers, designing a plan of the nursing process, writing of scientific articles according to the research results; Final control – credits, graded credits, semester exams. Final certification – a standardized test (licensed integrated test “Step B. “Nursing”) and practically-oriented examination. |
| 6 – Program competences | |
| Integral competence | Ability to solve complex specialized tasks and practical problems in the field of nursing that involves application of certain theories and methods of the corresponding science and is characterized by complexity and uncertainty of the conditions and requirements. |
| General competences (GC) | GC 01. Ability to exercise rights and obligations as a member of society, to realize the values of the civil (free democratic) society and the need for its social development, the rule of law, human and civil rights and freedoms in Ukraine. GC 02. Ability to preserve and increase the cultural, cultural, scientific values and achievements of society on the basis of understanding of the history and patterns of development of the indigenous region, its place in the general system of knowledge about nature and society and in the development of society, technologies, use different types and forms of motor activity for active leisure and healthy lifestyle. GC 03. Ability of abstract thinking, analysis and synthesis. |

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| | <p>GC 04. Ability to apply knowledge in practical situations.</p> <p>GC 05. Knowledge and understanding of the subject area and specifics of professional activity.</p> <p>GC 06. Ability to communicate in the state language both orally and in writing.</p> <p>GC 07. Ability to communicate in foreign language.</p> <p>GC 08. Ability to use information and communication technologies.</p> <p>GC 09. Determination and persistence on assigned tasks and responsibilities.</p> <p>GC 10. Ability to make grounded decisions.</p> <p>GC 11. Ability to work in a team.</p> <p>GC 12. Ability of interpersonal interaction.</p> <p>GC 13. Ability to act on ethical grounds.</p> |
| <p>Professional competences (PC)</p> | <p>PC 01. Ability to apply professional and legal standards in every day nursing practice.</p> <p>PC 02. Ability to recognize and interpret the signs of disease and its symptoms, maladies or disability (assessment / diagnosis), limitations of full-fledged life and determine the problems of patients with various diseases and conditions.</p> <p>PC 03. Satisfaction of the patient's / client's needs at different stages of life (including the process of dying) by planning, assisting and performing nursing interventions, assessing and correcting individual care plans established in cooperation with a patient / client, caregivers, family members and other medical and social workers.</p> <p>PC 04. Applying nursing skills (abilities), medical preparations, interventions and actions to ensure decent attitude toward a patient's / client's, privateness / intimacy / confidentiality, protection of their rights, physical, psychological and spiritual needs on the basis of transcultural nursing, tolerance and non-prejudiced behaviour.</p> <p>PC 05. Ability to effectively apply a set of medical skills (abilities), medical devices, interventions and actions to provide care based on a holistic approach, taking into account satisfaction of patient's needs in comfortable environment, nutrition, personal hygiene and the ability of a person to meet their daily needs.</p> <p>PC 06. Ability to effectively apply nursing skills, medications, interventions and actions when assessing</p> |

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| | <p>the functional condition of patients / clients, preparing them for diagnostic research and taking biological material for laboratory research.</p> <p>PC 07. Preserving the nurse's own health during examination, performing manipulations and procedures, and moving and transporting a patient / client.</p> <p>PC 08. Preventive activity of a nurse, aimed at preserving and strengthening health, preventing diseases and informing and teaching clients and their family members.</p> <p>PC 09. Ability to organize, implement and control the nursing process in palliative and hospice care.</p> <p>PC 10. Ability to organize the provision of medical care on the principle of family medicine.</p> <p>PC 11. Ability to carry out medical and social rehabilitation in order to restore the health of the population.</p> <p>PC 12. Ability to orientate in determining the group of drugs, especially their pharmacokinetics and pharmacodynamics.</p> <p>PC 13. Ability to detect the relationship between clinical manifestations of diseases with the result of additional research methods.</p> <p>PC 14. Ability to organize and provide emergency care in various acute conditions.</p> <p>PC 15. Ability to organize and provide emergency care in emergency situations in time of peace and war.</p> <p>PC 16. Ability to organize and manage a nursing structural unit (leadership and management).</p> |
| 7 – Program learning outcomes | |
| | <p>PLO 1. To conduct medical subjective and objective examination of different organs and systems of the patient and to evaluate the received data (according to List 1).</p> <p>In conditions of health care facility and at home by means of communication with patients of different age groups, their relatives or sick child's parents, to be able to collect the complaints, past history, family history, allergy anamnesis, epidemiological history, assess the anamnesis data.</p> <p>PLO 2. To conduct nursing diagnostics: to identify and evaluate the patient's problems.</p> <p>In health care facility, at home, in unexpected circumstances, to be able to identify the actual problems</p> |

of a patient, assess priority of treatment and establish medical diagnosis.

PLO 3. To plan the nursing intervention.

In conditions of health care facility, at home and under emergency circumstances, to be able to draw up a plan for nursing interventions to address the real and concomitant problems of patients of all ages.

PLO 4. To monitor the work of junior medical personnel and equipment inventory.

In conditions health care facility in accordance with official duties, in order to adhere to a sanitary epidemiological regimen, to be able to:

- to conduct training of the junior medical personnel on the issues of performance of functional duties and occupational safety; control compliance with the safety rules of junior medical personnel;
- to control the work of the junior medical personnel;
- to control the implementation of the internal rules by patients and personnel;
- to monitor the implementation of the rules of sanitary epidemiological regimen in the wards and medical offices.

PLO 5. To implement nursing administration.

In conditions of health care facility, with the goal of implementing organizational and managerial abilities, to be able to;

- to make managerial decisions, to ensure their fulfilment on the basis of application of models of nursing leadership;
- to ensure the implementation of orders and resolutions on health issues;
- to master the functional duties of the head of the nursing services;
- know the procedure for licensing and the accreditation of medical and preventive institutions, laboratories of various profiles, etc.

PLO 6. To provide a healthy microclimate in the team.

Using the principles of the nursing ethics and the deontology, the rules of interpersonal communication, with the aim of creating a supportive psychological microclimate, to be able to:

- communicate with the patient and his or her family members or relatives, medical personnel;
- to solve ethical and deontological problems in the

process of working with the patient and their family members;

- to consider and analyze professional mistakes in the team;
- to carry out the instruction of junior and technical personnel.

PLO 7. To participate in monitoring healthy or recovering patients, rehabilitation and dispensary supervision.

In health care facility, at home and within the community, using the current orders of the Ministry of Health of Ukraine, with the aim of forming, preserving and improving the health of the adult and child population, to be able to:

- to keep records of dispensary groups of the population;
 - to make calculation and analysis of statistical indicators of efficacy of dispensaries;
 - to carry out an explanatory work among the representatives of different dispensary groups;
 - to keep records of health groups;
 - to calculate and evaluate individual indicators and parameters of the complex effect of the microclimate on the human body;
 - to determine the stages of psychosocial rehabilitation of the patient, the tasks for each state;
 - to design a complex of rehabilitation measures depending on the profile, course, period of the disease or injury;
- to carry out a census of the children's population.

PLO 8. To carry out medical manipulations (according to the List 2) in order to provide sanitary antiepidemiologic regimen.

PLO 9. To properly carry out medical manipulations (according to List 3) for personal hygiene of a patient.

PLO 10. To carry out the simplest methods of physiotherapy (according to List 6).

PLO 11. To coordinate actions by combining several skills to provide nutrition to the patient (according to the List 4).

PLO 12. To properly perform medical manipulations (according to List 5) in order to take measures to stabilize the functional state of the organism.

PLO 13. To prescribe, store and apply pharmacologic remedies (according to List 7).

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| | <p>PLO 14. To be able to prepare a patient, to carry out sampling and referring biological materials to laboratory and instrumental examination (according to List 8).</p> <p>PLO 15. To provide pre-medical emergency care based on the diagnosis of emergency conditions (according to List 9).</p> <p>PLO 16. To accurately implement interrelated nursing functions (according to List 10).</p> <p>PLO 17. To plan and carry out preventive and anti-epidemic measures in relation to infectious diseases (according to List 11).</p> <p>PLO 18. To organize and conduct instruction of patients and their family members on medical issues.</p> <p>PLO 19. To conduct medical hygienic propaganda.</p> <p>PLO 20. To keep medical records properly.</p> |
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8 – Resourcing the implementation of programs

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| <p>Human Resourcing</p> | <p>The higher medical educational institution, which trains the nurses of bachelor’s degree, is responsible for observing the state requirements for the quality of education and non-medical education of graduates according to the law of Ukraine: “On Higher Education”, by the normative and legal acts Ukraine, supporting the academic staff.</p> <ol style="list-style-type: none"> 1. All teachers of this specialty should have appropriate level of education. 2. Part of the academic staff with the scientific degrees and academic titles that deliver lectures for all cycles of preparation of the specialty curriculum, must make up 75%, including those working full time – 50%, 10% with the scientific degree of a doctor of sciences or a academic title of professor. The rest of the staff must include teachers of higher or 1st qualification category. 3. The final cycle commission of the special (professional) training should be headed by a specialist in the relevant scientific and pedagogical specialty – a doctor of sciences or a professor with PhD. 4. Professional development in the given specialty must be carried out not less than once in 5 years, and certification (optional) – once in 3 years. 5. The entire faculty should be guided by the current legislation of Ukraine and the normative and legal acts that determine the form and content of the educational process. |
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| <p>Logistics</p> | <p>The higher educational institution which conducts training of bachelors in Nursing carries a responsibility for compliance with the state requirements regarding the quality of educational and vocational training of graduates in accordance with the Law of Ukraine “On Higher Education” of other normative legal acts of Ukraine, provides restitution of material-technical equipment of laboratories and offices, namely:</p> <ol style="list-style-type: none"> 1. Provision of accommodation for conducting training sessions and control activities (sq. meters per person for the actual student contingent and the stated volume, with the account the training in shifts) must be at least 2.4 m². 2. Provision of multimedia equipment for simultaneous use in the classrooms (minimum percentage of audiences – 30%) 3. Availability of social and household infrastructure: libraries, food items, assembly halls, stadium, medical centre. 4. Provision of higher education graduates with the dormitory (minimum percentage of the real needs – 70%) 5. Provision with computers, workstations, laboratories, equipment, devices, equipment necessary for the implementation of curricula. |
| <p>Information and methodological support</p> | <p>The higher medical institution, which conducts medical research and education, is responsible for compliance with the state requirements for the education and training of graduates in accordance with the Law of Ukraine “On Higher Education”, other normative legal acts of Ukraine, provides the appropriate scientific-methodical support of educational process, namely:</p> <ul style="list-style-type: none"> ▪ the presence of the curriculum and the written note; ▪ availability of a syllabus for each discipline of the curriculum; ▪ the presence of a complex of informational and methodical support from each educational discipline of the curriculum; ▪ availability of practical training program, practical training syllabi; ▪ provision of students with teaching materials for each discipline of the curriculum ▪ availability of methodological materials for conducting certification of applicants and information provision of educational activities; ▪ availability of the library with domestic and foreign |

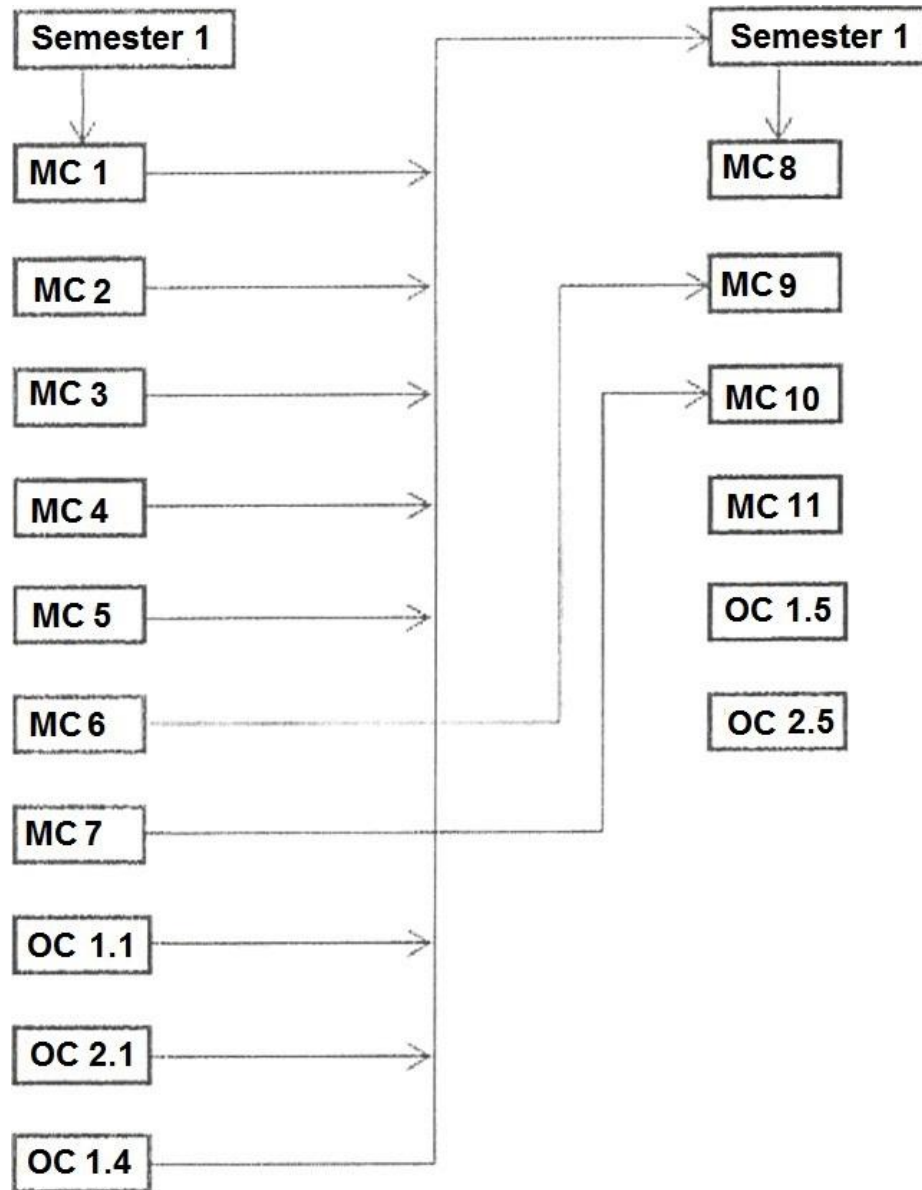
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| | <p>professional periodical publications of the corresponding or related profile, including in the electronic form (not less than four names)</p> <ul style="list-style-type: none"> ▪ the availability of databases of periodical scientific publications in English of the corresponding or related profile (it is possible to share the bases of several educational institutions); ▪ the presence of official web-site of the educational institution, which contains basic information on its activities (structure, licenses and certificates on accreditation, educational / research / publishing / attestation (scientific personnel) activities, teaching and research units and their composition, the list of academic disciplines, admission rules and requirements, contact information). |
| 9 – Academic mobility | |
| National credit mobility | <p>Individual agreements on academic mobility are allowed for studying and conducting research at universities and research institutions in Ukraine.</p> <p>Credits received in other Ukrainian universities are transferred according to the certificate of academic mobility.</p> |
| International credit mobility | <p>I. Horbachevsky Ternopil State Medical University has a number of cooperation agreements with the possibility of implementing academic mobility programs:</p> <ul style="list-style-type: none"> - participation in the international project Erasmus Mundus MEDEA – Medical Universities Alliance; - program of international student exchange with Wroclaw Medical University; - studying at High School of Security in Poznan in dual diplomas program; - participation in the program “Erasmus +” of the European Union in 2014 – 2020; - short-term traineeships for teachers of TSMU (doctors and PhDs aged more than 35) in as exchange/visiting professors Wroclaw Medical University. |
| Training of foreign applicants for higher education | <p>Training of foreign students is conducted in accordance with the general requirements</p> |

2. The list of the components of the educational-professional programme and their logical sequence

| Code n/a | Components of educational programs (subjects, course projects (works), practice, qualifying work) | Number of credits | Type of final assessment |
|--|---|-------------------|--------------------------|
| 1 | 2 | 3 | 4 |
| Mandatory components of EP | | | |
| MC 1. | Business Ukrainian Language | 3,00 | Credit |
| MC 2. | Foreign Language | 3,00 | Exam |
| MC 3. | Philosophy | 3,00 | Graded credit |
| MC 4. | Biological Chemistry | 3,00 | Graded credit |
| MC 5. | Clinical Pharmacology and Toxicology | 3,00 | Exam |
| MC 6. | Examination and Assessment of Human Health | 4,00 | Exam |
| MC 7. | Management and Leadership in Nursing | 3,00 | Credit |
| MC 8. | Occupational Safety in Nursing | 3,00 | Credit |
| MC. 9. | Clinical Nursing (in Internal Medicine, Surgery, Pediatrics) | 12,00 | Exam |
| MC 10. | Health Economics. Marketing of medical services | 3,00 | Graded credit |
| MC 11. | Practical Training | 4,00 | Graded credit |
| MC 12. | State attestation | 1,00 | |
| The total volume of mandatory components: | | 45 | |
| Optional components of EP | | | |
| <i>Optional block 1</i> | | | |
| OC 1.1. | History of Ukraine and Ukrainian Culture | 3,00 | Credit |
| OC 1.2. | Business English | 3,00 | Credit |
| OC 1.3. | Methodology of Research | 3,00 | Credit |
| OC 1.4. | Epidemiology | 3,00 | Credit |
| OC 1.5. | Post-Traumatic Stress Disorder | 3,00 | Graded credit |
| <i>Optional block 2</i> | | | |
| OC 2.1. | Medical and pharmaceutical commodities | 3,00 | Credit |
| OC 2.2. | Business English | 3,00 | Credit |
| OC 2.3. | Bioethics | 3,00 | Credit |
| OC 2.4. | Social Medicine | 3,00 | Graded credit |
| OC 2.5. | Clinical Nursing in Occupational Pathology | 3,00 | Graded credit |
| The total volume of non-mandatory components: | | 15 | |
| THE TOTAL VOLUME OF THE EDUCATIONAL PROGRAMME | | 60 | |

Structural-logical scheme of EP

(duration – 1 year)



3. Form of student assessment

The assessment of graduates of the educational program “Nursing” is carried out in two stages.

The first stage is carried out in the form of standardized test (licensed integrated) examination “Step”. The results are defined as “passed”, “failed”.

The second stage of the practical-oriented exam on Clinical Nursing in Internal Medicine, Clinical Nursing in Surgery and Clinical Nursing in Paediatrics with an average arithmetic estimation according to the scale of the University and National scale.

Attestation of graduates of the educational program in specialty 223 “Nursing” is accomplished by the issuance of a document of standard form for a bachelor’s degree and granting qualification of bachelor of nursing in specialization “Nursing”. The assessment is carried out openly and publicly.

