



Caucasus International University

2025 Year

Faculty of Medicine

Bachelors Educational Program in Nursing

Approved at the session of the Academic Council

Minutes N01-2025, 26 March, 2025

Resolution N01-25, 26 March, 2025

1. Name of the educational program

Bachelor's Educational Program in Nursing

2. Cycle of higher academic education

Bachelor

3. Type of the educational program

Academic Higher Education Program

4. Broad field

Health and Welfare

5. Narrow field

Health

6. Detailed field

Nursing and Midwifery

7. Field of Study

Nursing

8. Program volume in credits

240 ECTS

9. Program volume in credits

4 years, 8 semesters

10. Form of studies

On-site, Full-time

11. Language of instruction

English

12. Qualification to be awarded

Bachelor of Nursing (B.N)

13. Head of the program

Elene Janberidze, Academic Doctor of Medicine, Associate Professor, Faculty of Medicine, Caucasus International University;

Giorgi Beria, Assistant, Faculty of Medicine, Caucasus International University, Member of the Nursing Sectoral Characteristics Group.

14. Prerequisite for admission to the program

According to Article 48, Paragraph I of the Law on Higher Education, a person with a document certifying complete general education issued in Georgia or an equivalent document has the right to study at the Bachelor's degree program in Nursing.

Citizens of Georgia foreign and holding a Certificate on Full General Education have the right to enroll in the **bachelor's educational program in Nursing in English**, based on the results of the Unified National Exams **and for the English exam passing 50% + 1 is the passing threshold.**

Admission/enrollment of students to the university without passing Unified National Exams is allowed according to the rules established by the legislation of Georgia (Law of Georgia "On Higher Education", Article 52).

A prerequisite for a foreign citizen to enroll in the program is submitting a **certificate confirming knowledge of the English language at the B1 level**. Otherwise, the person must take a test at the Language Center of the Caucasus International University to confirm their English language proficiency at the B1 level.

Enrollment in the Bachelor's Educational Program or transfer from a recognized higher educational institution of a foreign country is carried out based on the decision/consent of the Ministry of Education and Science of Georgia.

After obtaining the status of a student of the Caucasus International University, a person is obliged to submit to the university a document confirming a complete general or equivalent education, and a person who is subject to military registration, in the manner established by law, should submit a document certifying military registration.

Enrollment in the Bachelor's Educational Program on the basis of mobility is allowed after the end of the first academic year of study. Mobility is possible twice a year, within the terms set by the Ministry of Education and Science of Georgia, following the mandatory procedures approved by the Act of the Director of the National Center for Education Quality Enhancement and the rules established by the University.

Enrollment in the Bachelor's Educational Program or transfer from a recognized higher educational institution of a foreign country is carried out based on the decision/consent of the Ministry of Education and Science of Georgia.

15. Teaching period and volume

One academic year lasts for **38 weeks**;

The duration of the **I** semester is **19 weeks**;

The duration of the **II** semester is **19 weeks**.

Among which:

- a) The **1-15 weeks** is the study period, lectures-seminars, practical lessons, interim exams, presentations, preparation and defense of essays, and projects are held,
- b) **The 16 - 18 week** is the period of final exams;
- c) During the **19th week** re-examinations are held.

16. The objectives of the educational program

The objective of the Bachelor's Educational Program in Nursing is to create a modern educational and scientific environment through the introduction of innovative methods, intercultural education, and diverse university life.

To prepare nurses who are competitive in the national and international markets and who will be able to contribute to the development of the healthcare sector and, by generating qualified human resources in the international arena, to ensure the promotion of improving the quality and accessibility of healthcare services.

17. Learning Outcomes

Consistent and full implementation of the objectives of the Bachelor's Program in **Nursing** ensures the achievement of relevant learning outcomes (general and field competencies).

Knowledge and understanding	After completing the educational program, the graduates: • Have theoretical knowledge of basic, biomedical, clinical, behavioral, and social sciences necessary for nursing, based on which he/she understands the professional role and functions of a nurse as provided for by national and international standards; • Are familiar with safety rules and infection control principles and are aware of the need to follow these principles in order to ensure a safe working environment; • Are familiar with the principles of information registration, storage and dissemination, and modern technological tools; Understands the role of the modern nurse as a caregiver, teacher, patient advocate, consultant, leader, manager, and implementer of the principles of biomedical ethics in promoting and ensuring health, both individually and in the context of working in a multidisciplinary professional team.
Skill	After completing the educational program, the graduates: • Taking into account the patient's physical and psychosocial factors and clinical condition, make a nursing diagnosis, timely assess the risks related to the patient's life, and take appropriate action within the scope of one's own competence; • Demonstrate clinical skills based on nursing evaluation and problem identification, provide Nursing Management to patients according to the care plan, and coordinate care; • Educate the patient, or their caregiver and/or family members, communicate effectively with them, and demonstrate interpersonal communication skills;

	• Manage nursing process, leadership, use the ethical and legal principles in nursing practice, • Retrieve information and data from various sources, conduct necessary research using modern research methods, and interpret and analyze relevant results.
Responsibility and autonomy	After completing the educational program, the graduates: • Within the framework of the acquired knowledge and competence, independently conduct all procedures necessary for the nursing profession, take responsibility for their own decisions and actions; • Independently identify their own knowledge deficits, needs, and priorities that ensure their continuous professional growth, as well as constantly care about the development of students and colleagues.

18. Structure and profile of the educational program

The curriculum of the **Bachelor's Educational Program in Nursing** is designed logically so that, on a step-by-step basis, from simple to complex, the competencies and qualifications envisaged by the program in general and its objectives and outcomes in particular can be gradually developed and achieved. The student is obliged to fully master the university, faculty, basic mandatory and field of study mandatory courses, university, faculty, field of study elective courses and the practical course of specialization in nursing. The principle of electives is also ensured within the framework of free credits.

21. Bachelor's Educational Program in Nursing – 240 credits

Mandatory components 187 credits, including;

- University mandatory study courses – **18 credits**
- Faculty (Medicine) mandatory study courses - **12 credits**
- Field of study (Nursing) mandatory basic courses - **45 credits**
- Field of study (Nursing) mandatory clinical, profile and practical study courses - **112 credits**

Elective components: 52 credits, including

- University elective study courses – **5 credits;**
- Faculty (Medicine) elective study courses – **13 credits;**
- Field of study (Nursing) specialized practical courses - **24 credits**

Free components: **11 credits.**

19. Teaching methodology

The organization of the teaching process aims to use such a methodology, which as a result of the practical implementation in the bachelor's program ensures the achievement of knowledge, skills, and competencies corresponding to the bachelor's academic degree.

The study process uses both specific standard methods and non-standard, specific methods that derive from the specifics of the field of study.

- **Verbal, i.e. oral method,** refers to the oral delivery of a lecture or seminar, or a PowerPoint presentation;
- **Lecture by a specialist of the field;**

- **Masterclass** – When a specialist in the field demonstrates their specific skills during a practical session and helps students acquire such skills;
- **Group discussions/debates**, which involve challenging students to debate and express their opinions during an interactive lecture;
- **Method of working on the book**;
- **Method of written work**, which includes: test work, solving quizzes, exercises, and problems.
- **Team-based learning (TBL)**, this includes the formation of teams of 5-6 people in academic groups, the identification of individuals with leadership skills in the teams, the joint presentation of seminars and time-bound educational and creative projects by the teams, and the development of healthy competition between the teams;
- **Collaborative methods**, when peer assessment of students' knowledge and presentation skills occurs, using students' self-assessment in forming the final assessment;
- **Case analysis or case-study method**, which describes specific situations and problems that require judgment. This method serves as an incentive for students' logical thinking;
- **Brainstorming** involves stimulating the realization of students' mental skills, during which students generate various ideas around a single issue and classify them according to priority;
- **Demonstration method** uses printed and modern digital technology materials (for example, illustrated anatomical models, 3D images, videos of clinical cases, short documentaries, etc.);
- **The method of induction, deduction, analysis, and synthesis**, which is used in describing statistical and epidemiological phenomena;

In addition, clinical teaching uses teaching methods recognized by the World Federation of Medical Education (WFME), such as:

- **Clinical-simulation method**, which involves developing practical skills necessary for nursing interventions in a simulated clinical environment and high-tech simulators, which will prepare the student for hospital practice and develop the competencies necessary for the field.
- **CBCR (Case-Based Clinical Reasoning)**;
- **CBD (Case-based Discussion)**;
- **DOPS (Direct Observation for Procedural Skills)**;
- **Mini-CEX (Mini Clinical Evaluation Exercise)**;
- **WPBA (Workplace based assessment)**;
- **Bedsaid Teaching**;
- **Heuristic method, problem-based learning, explanatory method**;

Students get used to:

- Independent individual and team work;
- Setting goals and using adequate ways and methods to achieve them; planning the work to be done step by step and organizing time;
- Active use of information and communication technologies and library resources to obtain necessary information and analyze the information found; formulation and justification of conclusions and opinions, verbal/written communication, preparation and organization of presentations, self-presentation of one's knowledge and competence, and argumentative defense of conclusions and opinions.
- In the teaching process, it is possible to give priority to one or another method based on the characteristics of the learning group, because the selection of methods used in teaching is aimed at activating teaching, developing and stimulating cognitive activity, and active participation of students in the learning process.

20. Student knowledge evaluation system

The university has a 100-point student evaluation system.

The final evaluation of the work performed by the student includes the results of the interim assessments and the final exam. Interim assessment includes weekly assessments and midterm exam assessments. Each element has its percentage share in the general system of evaluation.

Students can get a weekly assessment by actively participating in group works, seminars and practical classes, by writing quizzes, completing homework, participating in the solution of a specific situational problem, completing written tests, preparing and presenting individual or group works and projects, etc.

The midterm exam in each subject is held once a semester.

- Depending on the specifics of a certain study course, it is possible to specify the components included in the midterm assessment element: the content and the share of the components are determined by the leading lecturer of the study course;
- **In the interim assessments, the student can score a maximum of 60 points;**
- **The minimum competence threshold for interim assessments is equal to 25 points;**
- **The final exam is mandatory, its share in the evaluation system is a maximum of 40 points.**
- **The minimum competence threshold of the final exam is equal to 20 points;**
- **The student is considered to have passed the final exam if the sum of the interim assessments and the final exam is at least 51 points;**

The evaluation components and their specific share are outlined in the syllabus of each study course. Information about the evaluation system and components is available to students.

Forms and criteria of knowledge assessment:

1. **Lectures and working in a work group** (activity during lectures, seminars and practical classes, completing homework assignments, participating in solving a specific situational task, completing written quizzes, preparing independent homework assignments, individual or group projects, presentations, etc.) – **30–34 points;**
2. **Clinical practice (teaching) assessment** (assessment of general activity, engagement in communication and other skills during clinical practice, WPBA (workplace based assessment); DOPS (Direct Observation for Procedural Skills); Log-book - keeping a nursing diary; CBD (Case-Based Discussion) – **36 points.**
3. **OSCE (Objective Structured Clinical Examination)** - An objectively structured clinical examination in a simulated environment based on reality demonstrates the student's clinical skills, communication skills, ensures patient safety and uses standardized assessment for this. The examination is conducted in various clinical stations that model real clinical situations and scenarios.
4. **Presentation of a pre-selected topic, preparation and defense of an individual or group project** – **6–10 points;**
5. **Midterm exam** – **20 points;**
6. **Final exam** – **40 points;**
7. **Final assessment** – **100 points**

The maximum positive assessment is 100 points, the minimum positive assessment is 51 points;

The performance in each discipline is evaluated according to the **European Credit Transfer and Accumulation System (ECTS)** and the following evaluation system, approved by the order N3 of January 5,

2007, of the Minister of Education and Science of Georgia on the "Rules for calculating credits for higher education programs".

Assessment system allows for:

a) **Five types of positive assessment:**

- (A) Excellent – 91-100 points;
- (B) Very good – 81-90 points;
- (C) Good – 71-80 points;
- (D) Satisfactory – 61-70 points;
- (E) Sufficient – 51-60 points.

B) **Two types of negative assessment:**

- (FX) Failed to pass – 41-50 points, which means that the student needs to work more to pass and is allowed to take an additional exam once with independent work.
- (F) Failed – 40 points or less, which means that the work performed by the student is not enough and he/she has to retake the subject.

Note: A student who failed the final exam and earned an FX grade has the right to sit for an additional exam in the same semester, no later than 5 days after the announcement of the results of the main exams.

21. Grade Point Average (GPA)

The level of academic performance of a student at the university is determined both by the points received in the study courses and by the 4-point equivalent of the mentioned points - **the Grade Point Average (GPA)**.

22. Academic degree/qualification to be awarded

Qualifications for graduates of the Bachelor's Educational Program in Nursing are granted following the "National Qualifications Framework" and "Classifier of Fields of Study" approved by Order No. 69/N of April 10, 2019, of the Minister of Education, Science, Culture and Sports of Georgia.

The graduate of the educational program is awarded the **qualification/academic degree of Bachelor of Nursing** and is given a diploma of the state model confirming the completion of the relevant bachelor program, together with the Diploma Supplement of the model established by the state.

The prerequisite for awarding the qualification/academic degree is the accumulation of 240 ECTS credits by the student.

23. Field of employment

After receiving a bachelor's degree, a graduate is granted the right to carry out independent nursing practice upon obtaining a state registration certificate. In this case, the student is granted **the title of registered nurse**.

Upon receipt of a bachelor's degree and obtaining a certificate confirming the relevant state registration, a registered nurse will be able to be employed in diagnostic, treatment, preventive and rehabilitation medical institutions of various levels, disease control centers, various health research organizations, higher and vocational educational institutions, relevant state medical structures, hospices, ethics committees, non-governmental organizations and in areas defined by the legislation of the country.

In addition, the content and scope of the activities of a registered nurse are determined by the Nursing Practice Standard, which is developed/will be developed by the relevant professional association/associations

recognized under the procedure established by the Ministry of Labor, Health and Social Affairs of Georgia for IDPs from the Occupied Territories and approved by the Minister.

24. The possibility of continuing the education

A graduate of the Bachelor's Degree Program in Nursing is entitled to continue his/her studies in the higher educational institutions of Georgia or other countries on a Master's level in the field of studies on a local or international scale, which is focused on the training of a specialist and a researcher of a next level.

Graduates can also continue their studies in a Master's Degree program in any field if the prerequisite for admission to that program is not prohibited, if the applicant has a Bachelor's Degree in another specialty.

25. Material resources for the implementation of the Bachelor's Program:

In order to achieve the learning outcomes envisaged by the Bachelor's Educational Program Nursing, the infrastructure and material and technical resources of the university, which are available to students without any restrictions, are used, in particular:

- **Auditoriums and conference halls equipped with appropriate inventory and means of information-communication;**
- **6 (six) computer classes equipped with computers with software appropriate for educational programs;**
- **The Faculty of Medicine Examination Center operates for students of the Faculty of Medicine.**
- **A unique training base was created to implement the practical component of the medical program at the university, which is continuously developing and expanding.** These are

Microbiology and Immunology Laboratory – Equipped with modern microscopes, laboratory equipment, which is used both for the growth and cultivation of microorganisms, as well as for bacteriological analyzes and the production of bacteriograms. At the same time, microscopes are actively used in the teaching of such subjects as histology, cytology and embryology.

Chemistry and Biochemistry Laboratory - Where chemical and biological experiments are conducted. Equipped with modern equipment and reagents necessary for the functioning of the laboratory.

2 anatomy rooms equipped with modern models and teaching materials;

Clinical Skills Center - In order for students to have the opportunity to master and develop skills important to a doctor, the Clinical Skills Center is equipped with the following state-of-the-art medical-educational technologies: Childbirth simulator; Interactive childbirth mannequin with laptop; Neonatal resuscitation mannequin; Adult resuscitation mannequin with interactive arrhythmia simulator; Auscultation simulator with Smartscope; Heart and lung sounds simulator; Patient care mannequin; Male and female urinary tract catheterization mannequins; Hand (arm) mannequin for intravenous injections; Hand wrist mannequin for intravenous injections; Intravenous injection simulator (cuff); Hand (arm) mannequin for suturing; Trauma simulator.

Currently, 24 stations operate at the university.

Anatomy Laboratory - Equipped with modern models and digital equipment, in particular:

Anatomical table that will allow students to explore human anatomy and gain an immersive and interactive experience. Through 3D anatomical models, they will be able to study and view the organs, tissues, and various structures of the human body at both the microscopic and macroscopic levels.

3D virtual reality glasses - Visualizes human anatomy in a virtual reality world, allowing us to observe anatomical details that we cannot see in our physical world. Dissection allows for the layer-by-layer decomposition of material with similar visibility to cadavers and the visualization of each organ and tissue at the level of anatomical accuracy. It enables the visualization of more than 2,500 anatomical structures.

In addition, in order to effectively implement clinical training, the university has signed memoranda of understanding with various multidisciplinary clinics in Tbilisi, which ensure clinical rotation in all clinical subjects included in the curriculum. These are:

In October 2018, a new library equipped with modern standards, computer equipment and information and communication technologies, with reading rooms, free access to library collections for readers, isolated meeting rooms, a conference room and a workspace for librarians, was put into operation.

As for the study material indicated in the syllabus, it is based on the current achievements of the field and ensures the achievement of the learning outcomes of the program. These are modern textbooks and literature. Study materials are present in the university library.

The educational program is provided with relevant textbooks and methodical literature.

The university library provides students with relevant printed and electronic textbooks, teaching-methodical and scientific literature, as well as the database of the book fund of the library, international scientific databases, the electronic library, and an electronic catalog on the website of the university. Students have the opportunity to use the electronic versions of the books in the library.

The library is rich in educational, methodological and scientific literature, printed and electronic textbooks, a database of the library's book collection, and an electronic catalog posted on the website of the university.

Students have the opportunity to use the electronic versions of the books in the library, photocopies and, CDs.

Currently, the university library has all the mandatory literature required for all courses, in print or on electronic media.

Map of competencies

Study Course	Competencies		
	Knowledge and understanding	Skill	Responsibility and autonomy
Biostatistics and Epidemiology	X	X	
Medical bioethics	X	X	
Fundamentals of scientific research	X	X	
Public Health and Health Information Systems	X	X	
Introduction to Nursing	X	X	
Basic Communication skills	X	X	X
Normal human anatomy (general and organ systems)	X	X	
General physiology	X	X	
Documentation management and nursing management	X	X	
Physiology of Organ systems	X	X	
Medical Biochemistry (General)	X	X	
Histology, cytology, embryology	X	X	
General Pathology	X	X	
Fundamentals of Immunology	X	X	

Medical Biochemistry (Metabolism and Clinical Biochemistry)	X	X	
Fundamentals of Pharmacology	X	X	
Pathology of Organ systems	X	X	
Fundamentals of Microbiology	X	X	
Clinical Skills in Nursing Practice 1	X	X	X
Home care	X	X	X
Clinical Skills in Nursing Practice 2	X	X	X
Nursing Management of Internal Diseases - 1 (Nursing Management of Cardiological, Rheumatological, Pulmonological and Neurological Diseases) - Theoretical Course	X	X	X
Clinical Practice - Nursing Management of Internal Diseases 1	X	X	X
Nursing rehabilitation	X	X	X
Nursing Management of Internal Diseases - 2 (Nursing Management of Gastroenterological, Nephrological, Endocrine and Hematological Diseases) - Theoretical Course	X	X	X
Clinical Practice - Nursing Management of Internal Diseases 2	X	X	X

Nursing Management of Surgical Patients 1 (General Surgery, Orthopedics-Traumatology, Urology) - Theoretical Course.	X	X	X
Clinical Practice - Nursing Management of Surgical Patients 1	X	X	X
Nutritionology	X	X	X
Nursing Management of a geriatric patient	X	X	X
Nursing Management of Obstetric and Gynecological Patients - Theoretical Course	X	X	X
Clinical Practice - Nursing Management of Obstetrics and Gynecological Patients	X	X	X
Nursing Management of Surgical Patients 2 (Ophthalmology, Maxillofacial Surgery, Vascular Surgery, Neurosurgery) - Theoretical Course	X	X	X
Clinical practice - Nursing Management of surgical patients 2	X	X	X
Nursing Management of psychiatric patients- Theoretical course	X	X	X
Clinical practice - Nursing Management of a psychiatric patient	X	X	X
Nursing Management of pediatric patients- Theoretical course	X	X	X

Clinical practice - Nursing Management of pediatric patients	X	X	X
Anesthesia-resuscitation and emergency medicine- Theoretical course	X	X	X
Clinical practice -Anesthesia-resuscitation and emergency medicine	X	X	X
Nursing Management of an oncology patient	X	X	X
Writing a research project in profile elective direction	X	X	
Practical course of specialization in nursing internal medicine	X	X	X
Practical course of specialization in nursing surgery	X	X	X
Practical course of specialization in nursing obstetrics and gynecology	X	X	X
Practical course of specialization in nursing pediatrics	X	X	X
Practical course of specialization in nursing psychiatry	X	X	X
Practical course of specialization in nursing anesthesia-resuscitation and emergency medicine	X	X	X
Practical course of specialization in nursing home care	X	X	X
Writing a research project in profile elective direction	X	X	X

Georgian Language – 1 / German -1 / French -1 / Russian -1	X	X	X
Georgian Language – 2 / German - 2/ French - 2 / Russian -2	X	X	X
Georgian Language – 3 / German – 3 / French - 3 / Russian -3	X	X	X
Computer skills	X	X	X
Foundations of Philosophy	X	X	
MS Office Programs and Presentation Skills	X	X	X
Fundamentals of Psychology	X	X	
American literature	X	X	X
Medical Physics	X	X	
Medical Biology	X	X	
Medical Chemistry	X	X	
Hygiene	X	X	
Preventive medicine	X	X	
Principles of physiotherapy	X	X	X

Occupational therapy	X	X	X
Clinical Psychology	X	X	X
Sociology	X	X	X
Electrocardiography			
Pain management	X	X	X
Infectious disease management	X	X	X

