

Tbilisi State Medical University

Faculty of Physical Medicine and Rehabilitation

The First Cycle of Higher Education

Georgian-Austrian Bachelor of Nursing Program

Accreditation date - 2019

Awarded academic degree – Bachelor of Nursing

Program volume – 240 ECTS credits

Language of instruction - Georgian

Head of the Program - Professor Kakhaber Chelidze, MD., PhD

Short Introduction

The undergraduate Georgian-Austrian Bachelor of Nursing Program is based on the agreement signed between Tbilisi State Medical University, the Western Education Centre (AZW) (Austria) and TILAK GmbH (Austria). The latter implies, inter alia, participation of the representatives of Austrian side in implementation of the program (including lecture course), an intensified emphasis on German language study, summer practice of successful students within Austrian clinics, providing them with insights into the intricacies of the nursing education system and various fields of activity within the scope of their knowledge and competence while adhering to the guidelines set by the host party.

This collaboration fosters the internationalization of the educational process and enhances opportunities for employment among graduates. The programme is designed in accordance with the European Credit Transfer and Accumulation System (ECTS), encompassing a total of 240 credits, each credit equates to 30 hours; the number of contact and independent hours aligns with the learning outcomes specified by the study programme.

Program structure

A research- and evidence-based program is tailored to align with the healthcare epidemiological, demographic, social, and cultural priorities of the country, encompassing the following essential components:

- Public health, health promotion, patient education
- Biological sciences
- Behavioral sciences
- Nursing skills
- Research skills
- Communication skills
- Professional, ethical and legal aspects
- Information management and information technologies
- Management and leadership

Functional Blocks

1. Introduction to the profession and ethical values
2. Basic sciences
3. Structure and functions of the human body
4. Foundations of research and research-based practice
5. Informatics and statistics
6. Healthcare organization
7. Sociology, psychology, pedagogy
8. Healthcare promotion
9. Nutrition, nutrition of the sick patient, dietary nutrition
10. Patient care
11. Infection control
12. pharmacology
13. Sectoral German language

14. Communication and conflict management
15. Basics of the disease, diagnosis and therapy
16. Emergency management and radiation protection
17. Gerontology, geriatrics, gerontopsychiatry
18. Home Care
19. Sectoral ergonomics
20. Reanimation and intensive Care

Programme Objectives:

- Participating in population health protection entails engaging in activities aimed at disease prevention, health restoration, and maintenance, also encouraging the adoption of healthy lifestyles:
- Contributing to the safeguarding of individuals of all ages, families, diverse population groups, and communities through disease prevention, health restoration and maintenance, and the promotion of a healthy lifestyle;
Based on nursing theory, knowledge of basic medical and behavioral sciences and practical application of basic clinical skills, providing adequate response to ever-changing health care needs of the population and new challenges, ensuring timely and effective actions, particularly in crisis situations - within their competence;
- **Developing a comprehensive care/management plan for the client/patient's condition, either independently or in coordination with other members of the medical team:**
Delivering high-quality, ethical, comfortable, and safe practice, assessing the need for nursing care, developing, implementing, and refining the care plan and strategy through collaboration with members of the multidisciplinary medical team, clients/patients, and their relatives;
- **Timely and efficient response in crisis situations (within competence),** demonstrating management and leadership skills in coordination with members of the multidisciplinary medical team;
- **Adequate and effective communication with the multidisciplinary medical team members, patients and their relatives (within competence):**
Adequate utilization of communication skills with colleagues and patients, engaging in clinical and ethical decision-making, conducting educational and consulting activities, and demonstrating decision-making abilities - within competency;
Ensuring timely and accurate production, secure storage, and protection of medical documentation, with distribution as needed, appropriately delegating nursing functions to members of the multidisciplinary medical team with relevant competencies. Timely and accurate production, storage, protection of medical documentation, and if necessary - distribution, adequate delegation of nursing functions to members of the relevant competence of the multidisciplinary medical team;
- **Utilizing all available opportunities to refine and enhance knowledge and professional skills.**
Lifelong learning and readiness for continuous professional development

Upon program completion, the graduates will be awarded the academic degree of Bachelor of Nursing and will be given the opportunity to continue their studies at the second Cycle of higher education - pursuing a Master's degree.

Learning outcomes (competencies)

Knowledge and Understanding

The graduate knows/is aware of:

- Country's health care system, basic values of nursing, ethical and legal aspects, modern means of communication, principles of information registration, storage and distribution, role of the nurse in health promotion and provision, both individually and as part of a multidisciplinary professional team.
- Basic theoretical issues and clinical skills are imperative for professional engagement, alongside adhering to safety protocols and infection control measures to maintain a secure workplace environment.
- Need for continual professional growth, management and leadership capabilities.

Abilities

Graduates has the ability of:

- Utilizing acquired knowledge and practical skills within competency for planning and executing work at an appropriate level, effective and coordinated work in medical team, effective management of human resources and proficient delegation of functions, ensuring optimal, safe, comfortable, and ethical care of clients/patients.
- Acknowledging the risk factors for physical and psychosocial health of the client/patient, as well as norms and deviations, interpreting and implementing suitable actions within competency, providing timely assessment of life-related risks and subsequent actions within competency. assessment of the need for nursing assistance, devising a plan, and making adjustments as required. Identifying and overcoming obstacles in care/management plans, making necessary modifications, and coordinating changes with the medical team, either independently or collaboratively.
- Executing diverse invasive interventions and non-invasive procedures in accordance with the client/patient management plan. Adeptly utilize pharmaceuticals, medical technical equipment, and technological tools, ensuring adherence to safety protocols during material storage and disposal, production, storage, protection, transfer, and distribution of pertinent medical records, development of research and evidence-based practices.
- Promoting health by implementing sufficient preventive measures and introducing a healthy lifestyle.
- Engaging in effective communication within a dynamic professional setting, utilizing modern information and communication technologies and adapting to new technological advancements. Receiving, processing and communicating specific professional information through various mediums, in both native and foreign languages, conducting interpersonal communication with healthcare and social service professionals, patients, their families, and other stakeholders to deliver services effectively. Informing, counseling and educating the client/patient, caregiver and/or family

members. Protecting client/patient's dignity, rights, ensuring the advocacy and confidentiality of associated information, continuous professional development.

Responsibility and autonomy

Graduates have the ability of:

- Autonomously identifying their knowledge gaps, needs, and priorities for further professional development, thereby refining their practice and advancing career through various postgraduate and continuing education opportunities.
- Carrying out responsibilities with high accountability in a dynamic professional settings, employing a critical approach to their activities when needed, considering professional notes, instructions, and recommendations. Appreciating the attitudes of others towards professional values and sharing one's own attitudes with others, acting in accordance with international and local legal and ethical norms regulating nursing activities.

Curriculum of the Georgian-Austrian Bachelor of nursing program

Nº	Discipline	Semester	Credits
1	Introductory course	I	2
2	History of Nursing	I	2
3	professional Ethics	I	2
4	Basics of Law	I	2
5	Latin language	I	2
6	Basics of Evidence-Based Medicine	I	2
7	Basics of Informatics with Sectoral Informatics	I	3
8	Medical Physics, Biophysics	I	2
9	Medical Chemistry	I	2
10	Anatomy 1	I	5
11	Medical Biology	I	3
12	Basics of Histology	I	3
1	Basics of Public Health Organization 1	II	2
2	Anatomy 2	II	4
3	Medical Biochemistry	II	2
4	Physiology 1	II	4
5	German Language 1	II	4
6	Patient Care 1	II	5
7	Microbiology	II	2
8	Immunology	II	2
9	Environmental Hygiene	II	2
10	Basics of Infection Control	II	3
1	Physiology 2	III	4
2	Basics of Psychology 1	III	2
3	Basics of Sociology	III	2

4	Basics of Public Health Organization 2	III	2
5	Preventive Medicine	III	4
6	Nursing IT Technologies and Basics of Telecommunication	III	2
7	Basics of Biomedical Statistics	III	2
8	German language 2	III	4
9	Clinical Skills 1	III	5
10	Child and Adolescent Hygiene (Elective)	III	3
11	Psychohygiene (Elective)	III	3
12	English Language 1 (Elective)	III	3
1	Basic Methods of Research	IV	2
2	Basics of Communication	IV	2
3	Basics of Conflict Management	IV	2
4	Basics of Pharmacology	IV	3
5	Pathologic Anatomy	IV	3
6	Pathophysiology	IV	3
7	German Language 3	IV	4
8	Basics of Psychology 2	IV	2
9	Basics of Pedagogy	IV	2
10	Patient Care 2	IV	2
11	Nutrition Hygiene	IV	2
12	Point Massage / Acupuncture (Elective)	IV	3
13	Massage Therapy (Elective)	IV	3
14	English Language 2 (Elective)	IV	3
1	German Language 4	V	5
2	Private Pharmacology	V	5
3	Basics of Diagnostics	V	4
4	Laboratory Skills	V	3
5	First Aid Aspects	V	3
6	Emergency Situation Management	V	3
7	Clinical skills 2	V	4
8	Occupational Diseases (Elective)	V	3
9	Sports massage (Elective)	V	3
1	Psychiatry 1	VI	2
2	Internal Medicine	VI	5
3	Medical Care Clerkship	VI	4
4	General Surgery	VI	5
5	Surgical Care Clerkship	VI	4
6	Infectious Diseases	VI	3
7	Infectious Care Clerkship	VI	2
8	Dermatology	VI	2
9	Basics of physiotherapy (Elective)	VI	3
10	General Basics of Massage (Elective)	VI	3
1	Neurology	VII	3
2	Neurological Care Clerkship	VII	3
3	Pediatrics	VII	3
4	Pediatric Care Clerkship	VII	4
5	Ophthalmology	VII	2
6	Gerontology, Geriatrics	VII	3

7	Gerontopsychiatry	VII	2
8	Geriatric Care Clerkship	VII	3
9	Home Care 1	VII	2
10	Field/Sectoral Ergonomics 1	VII	2
11	Tolerance and Diversity (Elective)	VII	3
12	Chemical, bacteriological, radiological, nuclear safety (Elective)	VII	3
1	Home Care 2	VIII	2
2	Field Ergonomics 2	VIII	2
3	Obstetrics-Gynecology	VIII	4
4	Motheral and Child Care	VIII	4
5	Oncology	VIII	4
6	Oncological Care Clerkship	VIII	3
7	Psychiatry 2	VIII	4
8	Reanimation/ Resuscitation and Intensive Care	VIII	4
9	Resorts' Management (Elective)	VIII	3
10	Biomechanical foundations of SPA (Elective)	VIII	3