GENERAL NURSE

1467

Tallinn 2021

Educational institution	TALLINN HEALTH CARE COLLEGE
Code of educational institution	70003980
Title of the curriculum	*ÕDE*
Title of the curriculum in English	**GENERAL NURSE**
Higher education level	Professional higher education
Curriculum code in the Estonian Education Info-System (EHIS)	1467
Data about the right for conducting studies in the curriculum	Curriculum belongs to the "Health Care" curriculum group in which the right to conduct studies has been granted by the Government of Estonia in 11.07.2019 with Decree no 62.
Primary registration of the curriculum	05.09.2002
Approval date of the version of the curriculum in the educational institution	The curriculum has been approved by the Council of General Nurse Curriculum on 29.04.2021. The curriculum has been approved by the Tallinn Health Care College Council with Decision No 1.1. from 18.05.2021.

Study area	Health and well-being
Field of studies	Health
Curriculum group	Health Care
Main field of study (or studies) of the curriculum and their volume (ECTS)	General Nurse 210 ECTS
Minor field (or fields) of study and other possible specializations in the curriculum and their volume (ECTS)	The curriculum has no minor fields of study or specializations
Forms of study	Daytime learning, period study
Nominal length of studies	3,5 years
Volume of the curriculum in European credit point system (ECTS)	210
Volume of compulsory subjects (ECTS)	205
Volume of elective subjects (ECTS)	5

Study language	Estonian
Other languages needed for achieving the learning outcomes	English
Admission requirements	Certificate of the secondary or vocational secondary education or equivalent qualification.

Aim of the curriculum

The aim of the General Nurse Curriculum is to provide internationally recognised quality professional higher education for working in the field of health care and to continue studies on Health Sciences master's curriculum or any other open master's curricula in Estonia or abroad.

Learning outcomes of the curriculum

1. Knows the basic concepts of nursing and health, theoretical and ethical foundations of nursing, the anatomy, physiology, and psychology of a healthy and a sick person and physical and social factors affecting health.
2. Is able to formulate problems related to nursing including research and development objectives, is able to analyse and evaluate different solutions, initiates and / or participates in research, development and project work.
3. Is able to independently diagnose and ensure quality process-based nursing care linking nursing theory and practice as well as the knowledge from other fields and specialities incorporating all principles of safety: collects information, evaluates and critically analyses the needs of nursing care, plans nursing care according to the patient's needs and evaluates and analyses the quality of care.
4. Is able to independently council, supervise and support people and their families requiring nursing care to promote the health of a single individual as well as of the community and thus ensure quality health care service.
5. Is able to independently commence immediate life-saving measures and act on crisis, catastrophy and emergency situations.
6. Is able to communicate and cooperate with all members of the health team and employ necessary digital technologies needed for work.
7. Is able to explain nursing related problems both in Estonian and in English, orally and in writing and participates in nursing related discussions.
8. Values the holistic approach towards a human being, the variety of attitudes and values, human-centeredness throughout the lifespan, and is able to evaluate the role of nursing in individual and society's health care by considering the social and ethical aspects.
9. Knows the principles of teamwork, management and entrepreneurship and is able to implement them in their work, is willing to actively participate in civil society.
10. Knows the opportunities and prerequisites of lifelong learning and professional development and possesses readiness to undertake continuous professional self-development and adapt to different changes in the society. Possesses readiness for professional work in Estonia or abroad.

Conditions of fulfilling the curriculum
Curriculum contains:
11 modules (210 ECTS)

Basic Subjects	18 ECTS

Individual and Professsional Development of a Nurse	9 ECTS
Fundamentals of Nursing	14 ECTS
Clinical Nursing	20 ECTS
Children's Nursing	8 ECTS
Intensive Nursing	8 ECTS
Health Nursing	9 ECTS
Mental Health Nursing	9 ECTS
Research Methodology	20 ECTS
Elective Subjects	5 ECTS
Practical Training	90 ECTS
Volume of Practical Training	90 ECTS
Volume of Graduation Thesis	5 ECTS
Volume of Elective Subjects	5 ECTS

Options for passing the curriculum	A student is required to choose an elective subject (5 ECTS), within the curriculum which serves the aim of deepening the knowledge and skills in the corresponding field of nursing; student has the opportunity to choose an elective practical training (20 ECTS) according to his/her personal development and career in mind; student has the possibility to choose a project-based practical training (5 ECTS) by implementing projects supporting the curriculum or its parts or the college in general. Overall, there are elective possibilities in the volume of 30 ECTS. With the aim of internationalisation, student also has the possibility to choose subjects, practical training bases and different projects abroad.
Graduation requirements	Completing the curriculum in full and receiving a positive grade in defending the graduation thesis.
Type of diploma issued upon graduation	College graduate is awarded the Diploma of Professional Higher Education *Terviseteaduse bakalaureus* Bachelor of Science in Health Sciences (BSc).
Documents issued upon graduation	Diploma of Professional Higher Education with academic transcript and Diploma Supplement in English.
Possibilities for continuing studies	The graduates of the curriculum can continue their studies in the Health Sciences master curriculum and on other open master's level curricula.
Access to labour market	Recognition of professional qualifications is the basis for access to the labor market of the

	European Union and the European Economic Area. The qualification is subject to automatic recognition pursuant to the European Parliament and Council Directive 2005/36/EC, Article 21, as the curriculum complies with minimum training requirements provided in Article 31 and Annex V clause 5.2.1, and the diploma is listed in Annex V, point 5.2.2. Diploma holder has been granted the qualification of a nurse on the 6th level of the Estonian Qualifications Framework.
Additional information	https://www.ttk.ee/en/contacts

LETTER OF EXPLANATION FOR THE CURRICULUM OF GENERAL NURSE

As of the academic year 2021/2022, the following changes have been introduced to the curriculum of General Nurse:

1. The curriculum aim as well as the wording of the learning outcomes of the curriculum, modules and subjects have been modernised.

2. To ensure better preparation of the students, separate subjects were introduced: "Basics of Infection Control" (volume 3 ECTS) and "Palliative Care" (volume 2 ECTS). In relation to that, the content of the modules was adjusted.

3. For better understanding of the coherence, the subjects "Fundamentals of Nursing" (5 ECTS), "Nursing Process and Basics of Patient Education" (4 ECTS) were merged into a single subject of 7 ECTS, entitled "Nursing Philosophy and the Basics of Nursing Process".

4. With the aim of a more accurate understanding, the module "Personal and Professional Development of a Nurse" was entitled "Individual and Professional Development of a Nurse".

5. The subjects "Nursing Activities" and "Clinical Nursing Activities" were changed into "Basics of Nursing Interventions" and "Clinical Nursing Interventions" to align the titles with the NNN taxonomy philosophy and terminology forming the basis of the curriculum.

6. To ensure better preparedness in the knowledge and skills in the field of infotechnology, the subjects "Health Care Technology and e-health" was entitled "Digital Technologies in Health Care", and the volume raised from 2 ECTS to 3 ECTS.

7. The analysis of the coherence of the learning outcomes of the curriculum revealed the need to expand and clarify the achievement of the learning outcomes of digital technologies applied in health care. Achieving the learning outcome was added as a learning outcome of different practical trainings.

8. In the subject "Internal Disease Nursing" and "Surgical Nursing", excessive overlaps were removed and the volume of "Internal Disease Nursing" was reduced from 7 ECTS to 6 ECTS.

9. In order to ensure greater flexibility and comprehensiveness of practical trainings and to facilitate the organisation of practical trainings in internship bases, practical trainings were consolidated into a single module "Practical Training" (90 ECTS).

10. To expand the possibilities of independent nursing care outside primary health care, the primary level practical training was renamed into "Practical Training – Outpatient Nursing Care Service". The overall volume of practical training was not changed.

11. To avoid duplication of learning outcomes within the Health Nursing module in the subjects "Adult Health Behaviour" and "Primary Health Care", the volume of the subject "Adult Health Behaviour" was reduced from 4 ECTS to 3 ECTS.

12. Correction of the content and distribution of subjects in "Public Health" and "Primary Level Health Care" to be in accordance with WHO guidelines reduced the volume of "Primary Level Health Care" from 6 ECTS to 4 ECTS.

13. In order to increase students´ possibilities to choose within the curriculum, additional options for internationalisation in subjects "Project-based Practical Training", "Final thesis I" and "Digital Technologies in Health Care" were created. Subject "International Learning Experience" was added to the module of elective subjects, which provides the opportunity to choose foreign studies in various disciplines and fields of nursing. The aim is to raise students'

awareness in various ways of learning and conducting research and to increase their participation in international cooperation projects.

When changing the curriculum, the feedback given by students, internship bases / employers and lecturers and the proposals made by them were considered.

The results of the coherence analysis of the curriculum's learning outcomes and the coherence analysis of the module-based subjects have been considered when modifying the curriculum.

The starting points of the Estonian Nursing and Midwifery Development Strategy 2021-2030 together with Nurses Basic competences (2018) approved by Estonian Nurses Union and the goals of Estonia's National Health Plan 2020-2030 have been considered when amending the curriculum.

Admission requirements, the nominal length of studies, volume, study language and the volume of practical training have not been changed.

THE EXPECTED FIELD OF ACTIVITY OF THE GRADUATES

The expected fields of activity of the graduates of the Curriculum of General Nurse are the positions requiring the competency of a general nurse in Estonia and in other European Union countries.

Continuation of studies is possible on the Health Sciences master level curriculum and / or on other open master level curricula.

BASES OF THE CURRICULUM AND ORGANIZATION OF PRACTICAL TRAINING

General Nurse curriculum responds to the Higher Education Act (2019), Standard of Higher Education (2019), Directive 2005/36/EC of the European Parliament and of the Council of the 7 September 2005, the framework requirements (2004) of medical training, veterinary training, pharmacists training, dentists training, midwives training, nursing training, architecture training and civil engineering training, Estonian Nursing and Midwifery Development Strategy 2021-2030, National Health Plan 2020-2030, and requirements for competences as approved by Estonian Nurses Union. In the Curriculum of General Nurse, the practical training is an integral part of each of the seven specialty modules, which complements and reinforces what is learned in the theoretical parts of the studies. The objective and outcomes of each practical training are formulated separately in the practical training programme meeting the objective of the corresponding module.

The main practical training institutions of the General Nurse Curriculum are health care institutions, social and welfare agencies, educational institutions, national defense agencies and other institutions providing inpatient or outpatient nursing care that ensure students with fulfillment of the practical training aim and achievement of the outcomes. To perform practical training, students can choose the practical training institutions according to the list of practical training institutions approved by the Chair and updated every academic year. The suitability of practical training institutions is determined based on the practical training feedback and the possibilities of ensuring that the the objectives and outcomes of the practical training are achieved.

Practical training is supervised by the lecturers of the teaching area of the respective practical training and on behalf of the practical training institutions the supervision is performed by nurses with professional higher education who have completed practical training supervisor courses. Supervision of the practical training is based on the principle of individual supervision. Documentation of the practical training, independent student work, feedback, evaluation, and operational communication with supervisors is mostly conducted online.

The supervisor will also assess the work environment as a learning environment and student's readiness to cope in the work environment both from the theory-specific point of view as well as regarding the preparedness of the student's personality. As a result of the cooperation between students, lecturers, and supervisors, the learning opportunities of the student during the practical training are regulated and support the evaluation and feedback processes.

As an exchange student, it is possible to complete subjects and practical training outside Estonia throughout the curriculum.

REQUIREMENTS SET FOR THE CURRICULUM QUALITY

The Curriculum of General Nurse is characterized by evidence-based nature, flexibility, modernity, human-centredness, openness and involvement. The curriculum supports the formation of the values and attitudes of the nursing profession, emphasizing patient and customer focus, attentive care and respectful attitude towards patients and clients and other cooperation partners. The curriculum structure follows the principle of moving from easier to more complex topics, and from

a healthy person nursing care to a nursing care of a person with increasingly severe health conditions, at the same time combining and connecting all previous knowledge.

In the curriculum, the theoretical knowledge and practical skills of the profession are closely integrated and support the achievement of learning outcomes. In the learning process student-centredness is valued, students are involved in planning the changes and in decision making.

Theoretical studies of the General Nurse Curriculum are conducted in lecture halls and seminar rooms equipped with modern learning and information technology tools. To ensure flexible study process, electronic learning platforms are employed, and the lecture recordings are available until the end of the semester. Regular interactive consultations / meetings have been introduced to the study process. Acquisition of practical skills is held in modern simulation centre equipped with high-technology tools; the centre is open for students wishing to practise also after the lectures. Simulations are supervised by lecturers who have passed international trainings for simulation instructors. Lecturers of subjects in nursing interventions have previous practical experience of working as a nurse and continue to enhance their knowledge and skills by paid traineeship in practical training institutions.

The academic literature necessary to achieve the learning outcomes of the curriculum's subjects is located in the library of the College or is available via electronic research databases. The students have an opportunity to use individual working spaces and computers with Internet connection for studying and preparing independent papers.

Feedback on the subjects and study management is constantly collected via Study Information System (Tahvel). Feedback results are analysed and if possible, proposals are used for further developing the subject, curriculum and study management. The analysis of the feedback is communicated to students together with a summary.

In developing the Curriculum of General Nurse, national cooperation with other higher education institutions is continued. In cooperation with partners from abroad, common learning materials and subjects are created. Students, lecturers and representatives of the practical training institutions are included in the development of the curriculum. For better organization of practical training, feedback seminars are held in practical training institutions every year. The content and structure of the curriculum is consistently being compared against the curricula of foreign institutions of higher education and the outcomes and assessment methods are analysed. The curriculum content, materials and the compulsory reading list is recorded in subject programs, which is updated at the beginning of each academic year. Each subject program is available to students through the Study Information System.

The curriculum is consistent with the policies of the College resulting from the Development Plan of the College and Chair and the Statutes of the College. The curriculum considers the needs of the labour market and the target audience. An independent Council of Curriculum acts as an advisory body of the curriculum.

MODULES AND SUBJECTS OF THE CURRICULUM, AIMS AND LEARNING OUTCOMES

Module title: Basic Subjects		**Volume:** 18 ECTS
Aim	Acquire knowledge about the development, structure and functions of healthy and sick person's organism, and basics of pharmacology.	
Learning outcomes	1. Is familiar with the development of human organism, its structure and functions and physiological and pathological processes regulating it, as well as the relevant main terminology in Estonian and Latin. 2. Knows the main terms of the field of pharmacology, the medicine groups affecting the organ systems, different pharmaceutical forms, drug interactions, adverse effects, and routes of administration. 3. Implements the knowledge of prescription writing deriving from the legal regulations.	
Evaluation of module: subject-based method		
Subjects		

Code	**Subject title**	**Volume**
AnF17	Anatomy and Physiology	6 ECTS
Aim	To acquire basic knowledge in anatomy and physiology.	
Learning outcomes	1. Uses appropriate anatomy and physiology related terminology. 2. Knows the structure of the human organism and understands its connectedness to its functions and development. 3. Knows the shape, structure, and location of organs in human body by organ systems.	

Code	**Subject title**	**Volume**
HaOp17	Pathology	5 ECTS
Aim	To acquire basic knowledge about the causes and onset of diseases, signs, and disease-related changes in the human body.	
Learning outcomes	1. Knows the fundamental processes and terminology of general pathology, the etiopathogenesis of diseases and ways to prevent diseases by organ systems. 2. Has basic knowledge in microbiology and on the function of immune system, most common micro-organisms and diseases caused affecting the functioning of human organism. 3. Knows the basics of genetics, the nature of heredity and mutability, has basic knowledge on common chromosomal and genetic diseases, and possibilities of implementing genetics in health care.	

Code	**Subject title**	**Volume**
UF17	General Pharmacology	2 ECTS

Aim	To acquire knowledge about concepts of general pharmacology, groups and different forms of medications, and routes of administration.	
Learning outcomes	1. Knows the main terms of general pharmacology and the pharmakokinetic parameters. 2. Understands the pharmacodynamics of medicines affecting the autonomic nervous system. 3. Knows different forms and methods of drug administration and understands the dependence of drug action on the form and route of administration.	
Code	**Subject title**	**Volume**
6AA17/KF	Clinical Pharmacology	3 ECTS
Aim	Acquire knowledge about clinical pharmacology.	
Learning outcomes	1. Knows the groups of medicines affecting organ systems, their main effects and side effects. 2. Knows how to teach a patient receiving medications. 3. Knows the main principles of treatment for acute medication poisoning.	
Code	**Subject title**	**Volume**
6AA17/RÕ	Prescription Studies	2 ECTS
Aim	To acquire knowledge to write prescriptions and to consult the patient receiving the medicine.	
Learning outcomes	1. Is able to calculate medicine dosages. 2. Knows the main terms and legislation around writing prescriptions. 3. Is able to implement the regulation governing the writing of prescriptions in practice.	

Module title: Individual and Professional Development of a Nurse		Volume: 9 ECTS
Aim	To support students' development of knowledge and skills to work in the field of health and well-being as a nurse and to develop readiness for individual and professional self-improvement and adaptation in a variety of situations.	
Learning outcomes	1. Knows how to use different teaching and study methods, target and plan her or his own learning, values lifelong learning. 2. Knows the basic principles of education, social and health care organisation in Estonia and Europe 3. Knows the principles of maintaining well-being at work. 4. Knows how to give first aid in work environment. 5. Is able to use the knowledge about management and entrepreneurship when performing nursing activities. 6. Is able to apply the principles of teamwork and project work with a goal of maintaining and improving people's health.	

Evaluation of module: subject-based method

Subjects

Code	Subject title	Volume
SO17	Introduction to Learning	2 ECTS
Aim	To acquire readiness for successful coping in study process in Tallinn Health Care College.	
Learning outcomes	1. Has an overview of Estonian higher education system and possibilities for international cooperation. 2. Is familiar with the organization of studies and practical training, and with the study counselling system in Tallinn Health Care College. 3. Can compose and formulate letters and study documents. 4. Knows the basics of studies, teamwork, stress and time management, and career planning.	
Code	Subject title	Volume
JuEt17	Management and Entrepreneurship	4 ECTS
Aim	To acquire knowledge for the development of basic skills of organizational management and starting a business.	
Outcomes	1. Can describe an organisation and its management process, including personnel management, and associate the knowledge with his / her specialty. 2. Knows different forms of enterprises and principles for choosing them. 3. Chooses and analyses a business idea, can develop a business plan, and plan and carry out projects. 4. Has basic knowledge about the main principles of tax system and accountancy and can apply for funds from financial institutions and foundations. 5. Knows the principles of product and service development and marketing.	

Code	Subject title	Volume
TO17	Occupational Safety	3 ECTS
Aim	To acquire first aid skills, ability to act safely in the work environment and in case of fire hazard.	
Learning outcomes	1. Knows the principles of quality and risk management in health care organization. 2. Is able to assess risk factors in the work environment and develop a risk analysis. 3. Knows how to implement ergonomic work methods and promote workplace health. 4. Is able to give first aid at workplace without any additional medical devices. 5. Is able to act in case of fire hazard.	

Module title: Fundamentals of Nursing	Volume: 14 ECTS
Aim	To acquire knowledge of the philosophy of nursing and general principles in nursing to understand the role of the nurse in health care and society.
Learning outcomes	1. Knows the main principles of nursing, basics of the development of nursing philosophy and the most influential nursing theories. 2. Is able to implement multi-disciplinary process-based nursing care based on the safety and human-centredness principles. 3. Evalutes and critically analyses process-based nursing care based on nursing theory and nurses' professional ethics.

Evaluation of module: subject-based method

Subjects

Code	Subject title	Volume
6ÕA21/ÕFÕPA	Nursing Philosophy and Basics of Nursing Process	7 ECTS
Aim	To acquire knowledge on nursing philosophy and process-based approach in planning, implementing, and evaluating nursing care.	
Learning outcomes	1. Knows the history of nursing and the views of the most influential nursing theorists and relates them to the role of the nurse in health care and society. 2. Plans nursing care considering the health evaluation models based on NNN taxonomy. 3. Applies documentation knowledge throughout the nursing process.	

Code	Subject title	Volume
6ÕA21/IA	Basics of Infection Control	3 ECTS
Aim	To acquire knowledge on the basics of infection control.	
Learning outcomes	1. Knows the main terms of a-and antiseptics, requriements of isolation and quarantine, the types of decontamination. 2. Understands the need for staff members personal hygiene and personal protection in health care. 3. Uses personal protective equipment according to the safety regulations.	

Code	Subject title	Volume
6ÕA21/ÕSA	Basics of Nursing Interventions	4 ECTS
Aim	To acquire nursing skills deriving from the principles of a- and antiseptics and using ergonomic work techniques.	
Learning outcomes	1. Plans process-based nursing care based on human-centredness. 2. Safely perfoms nursing interventions using a simulation device and employing the principles of a- and antiseptics and ergonomic techniques.	

Module title: Clinical Nursing		**Volume:** 20 ECTS
Aim	To acquire knowledge and skills to provide nursing care in clinical environment with evidence-based foundations.	
Learning outcomes	1. Implements process-based patient-centred nursing care based on the NNN taxonomy, uses medical devices and e-health infosystems and analyses the effectiveness of nursing care. 2. Acquires knowledge on internal and surgical diseases and skills to provide nursing care. 3. Knows the diagnostic research methods and how to prepare patients to undergo tests. 4. Values the principles of teamwork and cooperates with representatives of other health care professions in health care. 5. Knows the limits of liability related to the nursing profession and how to critically evaluate their performance.	

Evaluation of module: subject-based method

Subjects

Code	Subject title	Volume
6KÕ21/SH	Internal Patient Nursing	6 ECTS
Aim	To acquire necessary knowledge and skills to provide nursing care to a patient with internal diseases.	
Learning outcomes	1. Knows the classification, etiology, pathogenesis, clinical picture, and diagnostic investigation methods of internal diseases. 2. Knows the treatment and prevention principles for internal diseases. 3. Plans, provides, and evaluates clinical nursing interventions in an evidence-based, human-centered and safe manner. 4. Is able to implement nursing care using NNN taxonomy. 5. Implements critical thinking in making choices and enhancing teamwork.	
Code	**Subject title**	**Volume**
6KÕ17/KH	Surgical Patient Nursing	5 ECTS
Aim	To acquire knowledge, skills and attidutes to provide nursing care to a patient with surgical diseases.	
Learning outcomes	1. Knows the classification, etiology, pathogenesis, clinical picture, and investigation methods of surgical diseases. 2. Knows the treatment and prevention principles of surgical diseases. 3. Plans, provides, and evaluates clinical nursing interventions in an evidence-based, human-centered and safe manner. 4. Is able to implement nursing care using NNN taxonomy.	

	5. Implements critical thinking in making choices and to enhance teamwork.

Code	Subject title	Volume
6KÕ21/PR	Palliative Care	2 ECTS
Aim	To acquire knowledge about the possibilities of improving the quality of life of a patient and his / her relatives in case of a life-threatening disease or health conditions affecting the quality of life.	
Learning outcomes	1. Knows the terminology of palliative treatment. 2. Understands the aspects of patients'physical, physical and social pain. 3. Knows the work principles of a support team.	

Code	Subject title	Volume
6KÕ21/KÕS	Clinical Nursing Interventions	4 ECTS
Aim	To acquire knowledge and skills to provide clinical nursing care.	
Learning outcomes	1. Plans, provides, and evaluates clinical nursing interventions in an evidence-based, human-centered and safe manner. 2. Is able to implement nursing care using NNN taxonomy. 3. Implements critical thinking in making choices and to enhance teamwork.	

Code	Subject title	Volume
6KÕ21/DTT	Digital Technologies in Health Care	3 ECTS
Aim	To acquire knowledge in digital technologies in health care, on the possibilities of telematics in health care and the needs of cybersecurity requirements.	
Learning outcomes	1. Uses the terminology of the field of digital technology and e-solutions and knows the principles of data use and transfer in health care. 2. Distinguishes and is able to choose suitable solutions of implementing health care telematics. 3. Understands data and cyber protection requirements and the importance of cyber security requirements.	

Module title:		Volume: 8 ECTS
Children's Nursing		
Aim	To acquire knowledge and skills on the characteristics of the child's development, of the needs of a child and his/her family and problems related to child's health based on evidence-based information.	
Learning outcomes	1. Is able to evaluate child's stature and development and factors affecting them. 2. Is able to teach and motivate the child and his / her family in maintaining health, preventing diseases and coping with a disease. 3. Implements process-based, human-centred nursing care to a child based on NNN taxonomy and different principles of teamwork, analyses the effectiveness of nursing care.	

Evaluation of module: subject-based method

Subjects

Code	Subject title	Volume
6LÕ17/LTA	Child's Health and Development	2 ECTS
Aim	To acquire knowledge and skills on the principles of children's nursing, child's development, and its characteristics.	
Learning outcomes	1. Knows the anatomical-physiological characteristics of a child and is able to link them with his / her activities of daily living. 2. Knows the principles of health promotion targeted to the child and his / her family. 3. Is able to assess the child's growth and development and the factors affecting them.	
Code	**Subject title**	**Volume**
6LÕ17/LPÕ	Child and Family-Centred Nursing	6 ECTS
Aim	To acquire knowledge on the child's needs in involving his / her family and skills to solve health-related problems based on evidence-based sources and critical thinking.	
Learning outcomes	1. Knows the pathogenesis of the most common childhood diseases and the specific manners of drug administration, their effect and side effects in children. 2. Plans, provides, and evaluates nursing interventions regarding a child in an evidence-based, human-centered and safe manner. 3. Is able to document nursing care using NNN taxonomy. 4. Implements critical thinking in making choices and enhancing teamwork.	

Module title: Mental Health Nursing		Volume: 9 ECTS
Aim	To acquire knowledge and skills to provide nursing care for people in different ages with mental health problems based on evidence-based sources.	
Learning outcomes	1. Knows problems associated with the mental health of children, adolescents, adult and elderly, the affecting factors, and possibilities of prevention. 2. Is able to implement process-based human-centered nursing care to patients with mental health problems based on NNN taxonomy, analyses the effectiveness of nursing care. 3. Knows different methods of psychotherapy and the nurse's role and responsibility in implementing the therapeutic processes into practice.	
Evaluation of module: subject-based method		
Subjects		

Code	Subject title	Volume
6VTÕ17/VTÕ	Mental Health Nursing	6 ECTS
Aim	To acquire knowledge on mental health and skills to provide psychiatric nursing care in hospital and in the community.	
Learning outcomes	1. Knows the most common psycho-behavioural disorders, their main causes, and principles of treatment. 2. Plans, performs, and evaluates mental health nursing interventions in an evidence-based, human-centered and safe manner. 3. Is able to document nursing care using NNN taxonomy. 4. Implements critical thinking in making choices and enhancing teamwork. 5. Has an overview of legislation regulating the field of mental health and is aware of the limits of one's responsibility.	

Code	Subject title	Volume
PSU17	Psychology	3 ECTS
Aim	To acquire knowledge in the field of psychology and create readiness for understanding the needs of a patient / client.	
Learning outcomes	1. Has knowledge about concepts of psychology (including developmental, personality and social psychology) and main approaches. 2. Understands the nature and causes of the individual's social behaviour. 3. Is able to apply different communication techniques and teamwork principles in working with patient / client with mental health problems.	

Module title:		Volume: 8 ECTS
Intensive Nursing		
Aim	To acquire knowledge and skills needed to provide nursing care to patients in a critical condition and to their close family members.	
Learning outcomes	1. Knows the main terminology of intensive care, emergency medicine and war and disaster medicine, their fields of action and priorities of providing nursing care, also the methodology of managing major accidents. 2. Is able to implement process-based nursing care on a patient in a critical condition based on NNN taxonomy and valid guidelines, analyzes the effectiveness of the nursing care. 3. Knows the priorities of assistance of victims and is able to assess the nursing needs, principles and methodology for conductng triage based on the victims' individual needs at times of peace as well as at wartime.	
Evaluation of module: subject-based method		
Subjects		

Code	Subject title	Volume
6IÕ17/IÕ	Intensive Nursing	6 ECTS
Aim	To acquire readiness to provide nursing care to a patient needing intensive or emergency care and to his / her close family members.	
Learning outcomes	1. Knows the main terminology of intensive care. 2. Plans, performs, and evaluates critical care nursing interventions in an evidence-based, human-centered and safe manner. 3. Is able to document nursing care using NNN terminology. 4. Implements critical thinking in making choices and enhancing teamwork. 5. Knows the most common medicine groups used in intensive care and describes their effect.	
Code	Subject title	Volume
6IÕ17/SKM	War and Disaster Medicine	2 ECTS
Aim	To acquire readiness to provide and organize assistance in case of a major accident, disaster, and military conflict.	
Learning outcomes	1. Has general knowledge of military medical service structure during peace and war. 2. Knows the priorities for assistance of victims and the nursing needs, principles, and methodology for conducting triage based on the victims' individual needs. 3. Has knowledge of the methodology of management of major accidents.	

Module title: Health Nursing		Volume: 9 ECTS
Aim	To acquire knowledge and skills to promote the health of people of all ages, as well as to prevent disease and maintain health on a primary level.	
Learning outcomes	1. Knows the main terminology of health nursing, areas of work and work management. 2. Is able to implement process-based, human-centred independent nursing care in primary level health care to patients / clients of all ages based on the NNN taxonomy, and analyzes the effectiveness of nursing care. 3. Is able to use the digital technologies needed for one's professional activities. 4. Is able to determine the nations health problems and find health promoting solutions. 5. Is able to evaluate living, working and learning environment and give recommendations for health-related improvements. 6. Is able to provide outpatient councelling to people of all age groups in promoting their health, preventing diseases, and maintaining health.	
Evaluation of module: subject-based method		
Subjects		

Code	Subject title	Volume
6TÕ21/TTK	Adult Health Behaviour	3 ECTS
Aim	To acquire knowledge on the health factors of adult age, on reproductive health and needs related to aging and lifestyle.	
Learning outcomes	1. Knows the characteristics of male and female health at the stage of life cycle, including the effects and risks to reproductive health, work and family life. 2. Is able to assess the changes related to aging. 3. Knows the basics of health behaviour and is able to consult people regarding changing their lifestyle.	

Code	Subject title	Volume
RaTer17	Public Health	2 ECTS
Aim	To aquire knowledge about the theoretical foundations and functions of public health, public health policy principles, the situation and organisational management of public health in Estonia.	
Learning outcomes	1. Understands the nature of the public health field, its tasks, public health policy principles, and is able to connect health factors affecting individual and community health. 2. Knows the most common health problems of Estonian population and activities within the frames of the National Health Development Plan to prevent diseases and promote health. 3. Has an overview of the organisational arrangement of public health in Estonia and creates connections between activities of different institutional sectors and levels.	

Code	Subject title	Volume
6TÕ21/ET	Primary Care Nursing	4 ECTS
Aim	To acquire knowledge and skills on primary level health care and nurse's role in providing human-centered nursing care, in promoting health and securing healty environment throughout the lifespan.	
Learning outcomes	1. Knows the nurse's fields of work, work organisation and development directions in primary level health care. 2. Can apply principles of motivational councelling, implements patient teaching based on the patient's and his / her family needs and evaluates the effectiveness of the nursing care. 3. Is able to assess the health problems and the quality of life of a patient / client and finds evidence-based solutions based on NNN taxonomy. 4. Is able to evaluate the living, learning and working environment and to give recommendations to change the environment in the purposes of maintaining health.	

Module title: Research Methodology		Volume: 20 ECTS
Aim	To create possibilities and support for conducting research and developing academic writing skills.	
Learning outcomes	1. Can find and use reliable evidence-based scientific sources for the professional research. 2. Can analyse and report information found from different sources. 3. Knows foundations of statistics, can methodically collect data and analyse them properly. 4. Knows ethics in research and can follow this. 5. Can set professional problems, and based on the research, give recommendations for solving them.	
Subjects		
Evaluation of module: subject-based method		

Code	Subject title	Volume
UTM1-17	Foundations of Research I	5 ECTS
Aim	To acquire readiness for collecting and analyzing evidence-based information.	
Learning outcomes	1. Can apply principles of systematic literature search and record search results. 2. Can independently use scientific data bases and analyse relevant evidence-based materials. 3. Can report professional scientific literature in English and Estonian. 4. Knows foundations of statistics and is able to find and interpret statistics. 5. Can compose and form independent tasks and uses scientific language.	

Code	Subject title	Volume
UTM2-17	Foundations of Research II	5 ECTS
Aim	To acquire skills for conducting research.	
Learning outcomes	1. Understands concepts and principles of scientific research and differences between types of research. 2. Knows different research methods, and planning the research, can choose the most suitable method for collecting and analysing data. 3. Can collect or find statistical data and relevant evidence-based sources, analyse, report and refer properly them in his/her paper. 4. Understands principles of ethics in science and medicine, is able to pay attention to ethical aspects, when composing his/her research.	

Code	Subject title	Volume
LP1-17	Graduation Thesis I	5 ECTS
Aim	To acquire skills for using his / her professional knowledge to independently search and critically analyze a particular problem or a situation in practice.	

Learning outcomes	1. Is able to independently plan and conduct research, and properly present its results.	
	2. Is able to address problems occuring within the speciality and College's research focuses.	
	3. Is able to give research-based recommendations for solving speciality-related problems.	
Code	**Subject title**	**Volume**
LP2-17	Graduation Thesis II	5 ECTS
Aim	To present students' ability to apply his / her knowledge and practical skills in conducting research using different research methods developed across the curriculum.	
Learning outcomes	1. Understands research ethics and principles of reliability and implements them when conducting research.	
	2. Is able to read and analyse scientific literature associated with a research problem.	
	3. Implements the data collection methods and data analysis method.	
	4. Can explain research results and theid importance within the specialty.	
	5. Is able to critically analyse and defend his / her viewpoints presented in the research and discuss the research topic.	

Module title: Practical Training	Volume: 90 ECTS
Aim	To acquire knowledge and skills in a practical work environment.
Learning outcomes	1. Determines the patient / client needs by implementing NNN taxonomy. 2. Implements process-based human centered nursing care in work environment, based on nursing theory and ethics and involving the representatives of other fields of speciality. 3. Is able to plan, execute and analyse the results of the projetcs connected to health care or social field. 4. Implements digital technology used in the field of nursing. 5. Reflects on his / her development in the work environment based on the individual goals set.

Evaluation of module: subject-based method

Subjects

Code	Subject title	Volume
6ÕA17/PrÕA	Practical Training: Fundamentals of Nursing	15 ECTS
Aim	Performing supervised human- centered nursing care in work environment.	
Learning outcomes	1. Determines patients' and his / her family's needs in implementing NNN taxonomy. 2. Plans, performs, and evaluates nursing interventions in an evidence-based, human-centered and safe manner while supervised by a supervisor. 3. Is able to document nursing care using NNN terminology. 4. Implements critical thinking in making choices and enhancing teamwork. 5. Reflects on his / her development in the work environment based on the individual goals set throughout the practical training.	
Code	Subject title	Volume
6KÕ17/PrKÕ	Practical Training: Clinical Nursing	30 ECTS
Aim	To acquire readiness and skills to provide process-based nursing care in clinical environment while being supervised.	
Learning outcomes	1. Plans, performs, and evaluates clinical nursing interventions in an evidence-based, human-centered and safe manner while supervised. 2. Is able to document nursing care using NNN terminology. 3. Implements critical thinking in making choices and enhancing teamwork. 4. Is able to use digital technologies in work environment to document one's work and to council patients. 5. Knows the limits of responsibility connected to the nurse's profession and critically evaluates one´s activity.	
Code	Subject title	Volume

6TÕ21/PrAÕT	Practical Training: Independent Nursing Care Service	20 ECTS
Aim	To acquire readiness to provide independent nursing care in providing health care services in primary level health care and / or in independent nursing appointments.	
Learning outcomes	1. Understands the meaning of independent nursing care and the accompanying responsibility, analyses one's readiness to work in health care system. 2. Plans, performs, and evaluates nursing interventions in an evidence-based, human-centered and safe manner. 3. Is able to document nursing care using NNN terminology. 4. Implements critical thinking in making choices and enhancing teamwork. 5. Is able to use digital technologies in work environment to document one's work and to council patients.	
Code	**Subject title**	**Volume**
6ÕPA17/PrPP	Project-Based Practical Training	5 ECTS
Aim	Gain practical project work experience through a realistic project.	
Learning outcomes	1. Is able to plan and carry out project tasks related either to health care or social field. 2. Is able to analyse the results of the project.	
Code	**Subject title**	**Volume**
6ÕPA17/PrV	Elective Practical Training	20 ECTS
Aim	To acquire professional skills in the field of nursing care that has been previously acquired within the curriculum.	
Learning outcomes	1. Plans, performs, and evaluates nursing interventions in an evidence-based, human-centered and safe manner. 2. Is able to document nursing care using NNN terminology. 3. Implements critical thinking in making choices and enhancing teamwork. 4. Safely implements digital technologies used in the chosen area of nursing.	

Module title: Elective Subjects		Volume: 5 ECTS
Evaluation of module: subject-based method		
Subjects		
Code	**Subject title**	**Volume**
6VMKLÕ	In-Depth Knowledge in Clinical Nursing	5 ECTS
6VMLÕ	In-Depth Knowledge in Children' Nursing	5 ECTS
6VMIÕ	In-Depth Knowledge in Intensive Nursing	5 ECTS
6VMTÕ	In-Depth Knowledge in Health Nursing	5 ECTS
6VMVTÕ	In-Depth Knowledge in Mental Health Nursing	5 ECTS
6VMPAT	In-Depth Knowledge in Project and Development Work	5 ECTS
6VMRÕK	International Learning Experience	5 ECTS