

## Curriculum at LAB University of Applied Sciences 2025-2026

# Bachelor of Health Care 25K, Nursing, part-time studies, Lahti

Code	Name	1 y	2 y	3 y	4 y	ECTS total
<b>HLTISH25KM-1001 CORE COMPETENCE</b>						<b>180</b>
<b>HLTISH25KM-1002 Common Core Competence</b>						<b>15</b>
AY00BT88	Developing Professional Competence 1	1				1
AY00BT89	Developing professional competence 2	0,5	0,5			1
AY00BT90	Developing Professional Competence 3		1			1
A300CE13	Orientation to Sustainability Thinking	2				2
KS00BT59	Expert Communication Skills	4				4
KE00BT61	English for Work	4				4
KR00BU42	Swedish for Work, Spoken		1			1
KR00BU43	Swedish for Work, Written		1			1
<b>HLTISH25KM-1003 Professional Core Competence</b>						<b>150</b>
<b>HLTISH25KM-1004 Evidence-Based Nursing Competence</b>						<b>20</b>
AH00CX73	Basics of Nursing	5				5
AH00CX74	Basic Nursing Interventions	5				5
AH00CX75	Anatomy and Physiology	5				5
AH00CX76	Pharmacotherapy and Pharmacology	5				5
<b>HLTISH25KM-1005 Basics Of Multidisciplinary Nursing Competence</b>						<b>8</b>
AH00CX77	Clinical Training in Basics of Nursing	5				5
AH00CX78	Expert Work in the Social and Health Care Sector	3				3
<b>HLTISH25KM-1006 Evidence-Based Medical-Surgical Nursing Competence</b>						<b>15</b>
AH00CX79	Basics of Medical-Surgical Nursing	5				5
AH00CX80	Clinical Training in Medical-Surgical Nursing 1	10				10
<b>HLTISH25KM-1007 Technological Competence In Medical-Surgical Nursing</b>						<b>15</b>
AH00CX81	Applied Medical-Surgical Nursing	5				5
AH00CX82	Clinical Training in Medical-Surgical Nursing 2		10			10
<b>HLTISH25KM-1008 Technological Competence In Supporting Functional Capacity</b>						<b>24</b>
AH00CX83	Gerontological Nursing		5			5
AH00CX84	Clinical Training in Gerontological Nursing		10			10
AH00CX85	Clinical Training for Nursing at Home		9			9
<b>HLTISH25KM-1009 Nursing Competence In Multidisciplinary Environments</b>						<b>18</b>
AH00CX86	Expert Work in Multidisciplinary Networks		2			2

AH00CX87	Nursing of Children and Adolescent		5		5
AH00CX88	Clinical Training in Child and Adolescent Nursing		5		5
AH00CX89	Mental Health and Substance Abuse Nursing		5		5
AH00CX90	Clinical Training for Maternity Care		1		1
<b>HLTISH25KM-1010 Evidence-Based Nursing Decision-Making Competence</b>					<b>15</b>
AH00CX91	Perioperative Nursing		5		5
AH00CX92	Nursing an Acutely Ill Patient		5		5
AH00BU27	Research, Development and Innovation Competence in the Social and Health Care		5		5
<b>HLTISH25KM-1011 Multidisciplinary Nursing Assessment Competence</b>					<b>20</b>
AH00CX93	Clinical Training in Mental Health and Substance Abuse Nursing		10		10
AH00CX94	Promoting Health and Well-Being in Nursing		5		5
AY00CU42	Leadership as a profession		3		3
AY00CU16	Entrepreneurship		2		2
<b>HLTISH25KM-1012 Advanced Technological Competence In Nursing</b>					<b>15</b>
AH00CX95	Clinical Training in Advanced Nursing		10		10
AH00CX96	Clinical Training in Project		5		5
<b>HLTISH25KM-1013 Thesis</b>					<b>15</b>
AO00BU44	Thesis Planning		5		5
AO00BU45	Thesis Project		5		5
AO00BU46	Thesis Report		5		5
<b>HLTISH25KM-1014 COMPLEMENTARY COMPETENCE</b>					<b>30</b>

## **HLTISH25KM-1001 CORE COMPETENCE: 180 ECTS**

### **HLTISH25KM-1002 Common Core Competence: 15 ECTS**

#### **AY00BT88 Developing Professional Competence 1: 1 ECTS**

##### **Learning outcomes**

The student is able to

- plan their own learning and cooperate in situations related to their own field of studies
- recognize their own competence and the needs to develop them further and to plan their career path observing them
- act as a group member
- operate in the learning environments of LAB University of Applied Sciences
- picture their own field of studies and its future skills
- give feedback on tuition and services and thus participate in the development of education

#### **AY00BT89 Developing professional competence 2: 1 ECTS**

##### **Learning outcomes**

The student is able to

- utilize various learning opportunities in curriculum

- recognize and aim their own competences to be in level with the future career requirements
- create a study plan that supports the future career goal
- give feedback on tuition and services and thus participate in the development of education

## **AY00BT90 Developing Professional Competence 3: 1 ECTS**

### **Learning outcomes**

The student is able to

- identify themselves as a learner and develop their own learning skills
- evaluate innovative or alternative future competences required in their own field
- recognize and aim their own competences to be in level with the future career requirements
- masters the professional concepts of their own field and is able to point out their competencies during job recruitment processes
- give feedback on tuition and services and thus participate in the development of education

## **A300CE13 Orientation to Sustainability Thinking: 2 ECTS**

### **Learning outcomes**

Identify and define central concepts and frameworks related to sustainability. Recognize the interconnectedness of economic, social and environmental sustainability issues. Understand and develop own individual role in driving sustainability.

### **Evaluation criterias**

Level 1

Pass-Fail

## **KS00BT59 Expert Communication Skills: 4 ECTS**

### **Learning outcomes**

Proficiency level: C2

The student masters Finnish language as a mother tongue in all professional spoken and written communication situations.

## **KE00BT61 English for Work: 4 ECTS**

### **Learning outcomes**

Proficiency level: B2

The student is able to

- communicate clearly and effectively in different generic and field-specific workplace situations both orally and in writing
- find, evaluate and use information effectively
- function collaboratively in international working environments.

## **KR00BU42 Swedish for Work, Spoken: 1 ECTS**

### **Learning outcomes**

The student is able to

- convey and validate arguments
- use vital field-specific vocabulary
- communicate essential matters about their education, work experience and tasks
- present their field-specific operational environment
- communicate in various working life situations in Swedish.

The student completes the Public Administration Language Test in Swedish.

## **KR00BU43 Swedish for Work, Written: 1 ECTS**

### **Learning outcomes**

The student is able to

- use vital field-specific vocabulary
- communicate essential matters about their education, work experience and tasks
- understand and produce various short texts related to studies and working life
- acquire information on their field in Swedish
- use online dictionaries.

The student completes the Public Administration Language Test in Swedish.

## **HLTISH25KM-1003 Professional Core Competence: 150 ECTS**

## **HLTISH25KM-1004 Evidence-Based Nursing Competence: 20 ECTS**

## **AH00CX73 Basics of Nursing: 5 ECTS**

### **Learning outcomes**

The student is able to

- explain how the scientific basis, values and legislation of nursing guide nursing practices
- assess factors of professional interaction with diverse customer groups in different operating environments
- differentiate safety factors in customer care in different nursing environments
- apply nutritional care recommendations in customers' daily diets
- use a customer-oriented nursing process in documentation in compliance with data protection regulations and information security requirements.

## **AH00CX74 Basic Nursing Interventions: 5 ECTS**

### **Learning outcomes**

The student is able to

- use the ABCDE method to examine a patient and provide first aid
- implement ergonomic working methods, taking into account the principles of customer, patient and occupational safety
- use guidance methods and principles in different physical and digital nursing environments
- implement the principles of palliative and terminal care when encountering dying patients and their families
- safely carry out drug dosage calculations required for pharmacotherapy and fluid therapy.

## **AH00CX75 Anatomy and Physiology: 5 ECTS**

### **Learning outcomes**

The student is able to

- assess the structure, function and regulation of the organ systems of the human body and the factors affecting them
- explain the causation mechanisms of diseases and the changes caused by them in the body
- present the principles of microbiology and infection prevention in clinical nursing.

## **AH00CX76 Pharmacotherapy and Pharmacology: 5 ECTS**

### **Learning outcomes**

The student is able to

- explain the pharmacotherapy process, the legislation guiding pharmacotherapy, and its ethical principles as a member of a multidisciplinary team
- apply knowledge of anatomy and physiology in pharmacotherapy and pharmacology when planning and assessing pharmacotherapy in the treatment of different diseases
- assess evidence-based information in the guidance of pharmacotherapy for customers, patients, and families as well as their commitment to pharmacotherapy and self-care
- implement pharmacotherapy using different routes of administration
- assess pharmacotherapy-related health technology in new operating environments.

## **HLTISH25KM-1005 Basics Of Multidisciplinary Nursing Competence: 8 ECTS**

## **AH00CX77 Clinical Training in Basics of Nursing: 5 ECTS**

### **Learning outcomes**

The student is able to

- plan, implement and assess customer-oriented nursing in accordance with sustainable and ethical principles
- interact professionally with diverse customer groups in a multidisciplinary work community
- apply basic nursing skills and nutrition recommendations in maintaining a customer's functional capacity and promoting their health
- utilise well-being technology solutions in a customer-oriented manner
- record the nursing process in electronic databases in compliance with data protection regulations.

## **AH00CX78 Expert Work in the Social and Health Care Sector: 3 ECTS**

### **Learning outcomes**

The student is able to

- act responsibly, ethically and in a customer-oriented manner in the operating environments of the social and health care sector
- explain legislative starting points in the social and health care sector
- explain the starting points for multidisciplinary cooperation
- describe aspects of the customer's functional capacity
- use social and health care sector databases responsibly

## **HLTISH25KM-1006 Evidence-Based Medical-Surgical Nursing**

## **Competence: 15 ECTS**

### **AH00CX79 Basics of Medical-Surgical Nursing: 5 ECTS**

#### **Learning outcomes**

The student is able to

- apply evidence-based knowledge of diseases requiring medical-surgical treatment at different stages of the treatment process
- assess the patient's safe pharmacotherapy, fluid therapy and nutritional care in medical-surgical nursing
- assess the need for immediate care and make evidence-based decisions
- utilise evidence-based knowledge of customer-oriented teaching and guidance methods in committing customers to their treatment
- apply their knowledge of the most common internal diseases and cancer.

### **AH00CX80 Clinical Training in Medical-Surgical Nursing 1: 10 ECTS**

#### **Learning outcomes**

The student is able to

- implement the care of a patient with a medical-surgical disease in a multidisciplinary work community
- plan, implement and assess the patient's safe and evidence-based pharmacotherapy, fluid therapy and nutritional care in medical-surgical nursing
- interact professionally with customers, patients and their families to support them in a resource-oriented manner
- guide patients with medical-surgical diseases in the use of various digital applications and services
- plan, implement and assess a customer-oriented nursing process and make records in electronic databases in compliance with data protection regulations.

### **HLTISH25KM-1007 Technological Competence In Medical-Surgical Nursing: 15 ECTS**

### **AH00CX81 Applied Medical-Surgical Nursing: 5 ECTS**

#### **Learning outcomes**

The student is able to

- apply clinical nursing procedures in the treatment of medical-surgical patients
- apply their knowledge of the stages of pre-, intra- and post-operative nursing
- plan the promotion of a customer's functional capacity and rehabilitation in multidisciplinary cooperation
- assess digital solutions in the overall treatment and guidance of medical-surgical customers
- apply their knowledge of the most common surgically treated diseases.

### **AH00CX82 Clinical Training in Medical-Surgical Nursing 2: 10 ECTS**

#### **Learning outcomes**

The student is able to

- implement evidence-based care that promotes the functional capacity and rehabilitation of a patient with a medical-surgical disease in a multidisciplinary work community
- analyse safe and evidence-based pharmacotherapy, fluid therapy and nutritional care from the perspective of patient safety in medical-surgical nursing

- justify the need for diagnostic tests in the nursing of a medical-surgical patient
- interact professionally with customers, patients and their families to support them in a resource-oriented manner
- suggest digital solutions in the overall treatment and guidance of medical-surgical customers in a customer-oriented manner.

## **HLTISH25KM-1008 Technological Competence In Supporting Functional Capacity: 24 ECTS**

### **AH00CX83 Gerontological Nursing: 5 ECTS**

#### **Learning outcomes**

The student is able to

- apply comprehensive geriatric assessments of elderly people and carry out assessments of service needs
- plan evidence-based nursing that supports an elderly person's functional capacity
- propose customer-oriented well-being technology solutions for supporting elderly people's functional capacity
- assess the reasons for the changing behaviour of a person with a memory disorder and apply non-pharmaceutical treatments
- apply their knowledge of the basics of geriatrics.

### **AH00CX84 Clinical Training in Gerontological Nursing: 10 ECTS**

#### **Learning outcomes**

The student is able to

- implement comprehensive geriatric assessments of elderly people and carry out assessments of service needs
- plan, implement and evaluate evidence-based gerontological nursing as part of a multidisciplinary team
- plan, implement and assess safe pharmacotherapy for the elderly
- assess guidance methods suitable for the elderly and people with memory disorders
- assess ethical principles and the quality of nursing in gerontological nursing.

### **AH00CX85 Clinical Training for Nursing at Home: 9 ECTS**

#### **Learning outcomes**

The student is able to

- assess the functional capacity and need for care of customers of different ages
- plan, implement and assess evidence-based nursing in outpatient care and home care settings
- justify nursing-related decision-making in a customer-oriented and evidence-based manner
- apply digital tools and well-being technology in a customer-oriented manner in supporting and guiding a customer's functional capacity
- assess the impact of multidisciplinary teamwork in a customer's care.

## **HLTISH25KM-1009 Nursing Competence In Multidisciplinary Environments: 18 ECTS**

### **AH00CX86 Expert Work in Multidisciplinary Networks: 2 ECTS**

**Learning outcomes**

The student is able to

- draw on research-based knowledge to assess the working community's operating methods and occupational safety
- analyse the structures, activities and effectiveness of the social and health care service system from the customer's perspective
- develop customer-oriented social and health care services using multidisciplinary and multi-actor cooperation
- assess and promote the goal-oriented activities of a multidisciplinary network.

**AH00CX87 Nursing of Children and Adolescent: 5 ECTS****Learning outcomes**

The student is able to

- explain the methods of supporting the growth and development of children of different ages, taking into account resource-oriented encounters with families when a child is ill
- apply evidence-based child- and family-oriented teaching and guidance methods, taking digital solutions into account
- plan individual, evidence-based multidisciplinary nursing of children, young people and families
- assess the special features of pharmacotherapy, fluid therapy and nutritional care for children and young people
- apply their knowledge of the most common paediatric diseases.

**AH00CX88 Clinical Training in Child and Adolescent Nursing: 5 ECTS****Learning outcomes**

The student is able to

- plan, implement and assess multidisciplinary individual, evidence-based nursing in cooperation with the child and parents
- plan, implement and evaluate safe pharmacotherapy, fluid therapy and nutritional care for children and young people
- apply resource-based support methods for children and young people from diverse families
- guide children and young people of different ages as well as their parents when the child is ill, making use of digital solutions
- draw conclusions on a child's or young person's condition and propose suitable nursing assistance methods.

**AH00CX89 Mental Health and Substance Abuse Nursing: 5 ECTS****Learning outcomes**

The student is able to

- apply evidence-based knowledge of mental health and substance abuse disorders at different stages of the treatment process
- apply non-pharmaceutical and pharmaceutical evidence-based nursing methods in mental health and substance abuse nursing
- assess multidisciplinary mental health and substance abuse nursing based on ethical guidelines and legislation
- explain the significance of interaction in mental health and substance abuse nursing
- apply their knowledge of the basics of psychiatry in nursing.



## **AH00CX90 Clinical Training for Maternity Care: 1 ECTS**

### **Learning outcomes**

The student is able to

- describe and explain the normal stages and monitoring of pregnancy, childbirth and puerperium
- explain the most important complications during pregnancy and assess the need for treatment
- participate in a delivery outside the hospital and justify their decisions.

## **HLTISH25KM-1010 Evidence-Based Nursing Decision-Making Competence: 15 ECTS**

## **AH00CX91 Perioperative Nursing: 5 ECTS**

### **Learning outcomes**

The student is able to

- assess evidence-based and sustainable perioperative nursing
- plan nursing methods used in anaesthesia and surgical nursing
- critically assess multidisciplinary evidence-based clinical decision-making in perioperative nursing
- apply their knowledge of the basics of anaesthesiology in nursing.

## **AH00CX92 Nursing an Acutely Ill Patient: 5 ECTS**

### **Learning outcomes**

The student is able to

- systematically assess the need for treatment of patients in need of urgent care in different operating environments
- analyse the functionality of digital solutions as part of assessing the care and service needs of acutely ill customers
- assess their own evidence-based activities as well as those of a multidisciplinary team in the nursing of an acutely ill patient
- apply the operating models and communications of multi-authority cooperation to ensure patient safety in exceptional and hazardous situations.

## **AH00BU27 Research, Development and Innovation Competence in the Social and Health Care: 5 ECTS**

### **Learning outcomes**

The student is able to

- describe the most common research methods in the social and health field
- evaluate and analyze the ethical principles and reliability of research and development
- describe the stages of a research process
- explain the concept of innovation and utilize innovation in the development of one's own field
- use the most important research, development and innovation methods in their field in the implementation of the thesis

## **HLTISH25KM-1011 Multidisciplinary Nursing Assessment Competence: 20 ECTS**

## **AH00CX93 Clinical Training in Mental Health and Substance Abuse Nursing: 10 ECTS**

### **Learning outcomes**

The student is able to

- implement evidence-based nursing assistance methods in mental health and substance abuse nursing
- implement multidisciplinary mental health and substance abuse nursing based on ethical guidelines and legislation
- plan, implement and evaluate the nursing process of patients in mental health and substance abuse nursing
- plan, implement and assess safe pharmacotherapy for patients in mental health and substance abuse nursing
- draw conclusions on the patient's mental condition and assess the need for rehabilitation.

## **AH00CX94 Promoting Health and Well-Being in Nursing: 5 ECTS**

### **Learning outcomes**

The student is able to

- assess factors of community health and well-being at the individual and community level, applying evidence-based information
- propose interventions related to health and functional capacity for individuals and groups in multidisciplinary cooperation with customers and patients
- analyse risk factors as well as existing and new health threats as part of promoting the health of customers or patients
- explain the objectives of the vaccination programme in promoting the well-being of the population
- explain the diversity of sexuality and the significance of sexual health for well-being by identifying its risk factors.

## **AY00CU42 Leadership as a profession: 3 ECTS**

### **Learning outcomes**

Students knows:

- the characteristics of contemporary leadership and the importance of the organization of the work community.
- the diverse field of responsibilities of leaders and their own role in it.
- basics of labor law

## **AY00CU16 Entrepreneurship: 2 ECTS**

### **Learning outcomes**

Student is able to

- understand entrepreneurship through personal development
- find and utilize different customer oriented business opportunities.

## **HLTISH25KM-1012 Advanced Technological Competence In Nursing: 15 ECTS**

## **AH00CX95 Clinical Training in Advanced Nursing: 10 ECTS**

**Learning outcomes**

The student is able to

- propose evidence-based nursing assistance methods in a nursing special competence area of their choice
- critically assess evidence-based decision-making and develop nursing in a multidisciplinary work community
- develop their own and their work community's language and culture awareness activities
- justify their own professional starting points in diverse work communities
- assess the quality and cost-effectiveness of nursing from the perspective of digitalisation and the utilisation of well-being technology, in accordance with the principles of sustainable development.

**AH00CX96 Clinical Training in Project: 5 ECTS****Learning outcomes**

The student is able to

- analyse the stages of project work and apply them in development work
- work as a member of a multidisciplinary and diverse group in development, innovation and research processes
- apply the principles of team work and networking in an ethical manner in patient and customer guidance
- make use of the opportunities offered by digitalisation and well-being technology in health promotion development
- draw on evidence-based information when planning, implementing and evaluating project work as a whole.

**HLTISH25KM-1013 Thesis: 15 ECTS****AO00BU44 Thesis Planning: 5 ECTS****Learning outcomes**

Student is able to

- describe the objectives and core contents of their thesis
- plan and describe the stages of the thesis process
- take into account the possible research permit and copyright issues.

**AO00BU45 Thesis Project: 5 ECTS****Learning outcomes**

Student is able to

- implement the thesis on the basis of an approved thesis plan

**AO00BU46 Thesis Report: 5 ECTS****Learning outcomes**

Student is able to

- present the results or output of their thesis
- report on their thesis in writing in accordance with the thesis guidelines of LAB University of Applied Sciences
- write a maturity test.

## **HLTISH25KM-1014 COMPLEMENTARY COMPETENCE: 30 ECTS**