

**Curriculum at LAB University of Applied Sciences
2020-2021**

Bachelor of Health Care, Nursing, full-time studies, Lahti

| Code | Name | 1 y | 2 y | 3 y | 4 y | ECTS total |
|--|---|-----|-----|-----|-----|------------|
| NURSE20SLTI-1001 CORE COMPETENCE | | | | | | 180 |
| NURSE20SLTI-1002 Common Core Competence | | | | | | 25 |
| LA00BE73 | English for Work | 3 | | | | 3 |
| LA00BF20 | Swedish language, Oral Communication | | 1 | | | 1 |
| LA00BF21 | Swedish language, Written Communication | | 2 | | | 2 |
| LA00BF22 | Professional communication | 4 | | | | 4 |
| LA00BF23 | Developing professional competence 1 | 2 | | | | 2 |
| LA00BQ92 | Developing professional competence 2 | | 2 | | | 2 |
| LA00BQ93 | Developing professional competence 3 | | | 1 | | 1 |
| LA00BF24 | Research and development | | 5 | | | 5 |
| LA00BF27 | Anticipating future trends | | | 5 | | 5 |
| NURSE20SLTI-1003 Professional Core Competence | | | | | | 155 |
| NURSE20SLTI-1004 Factors of Wellbeing | | | | | | 10 |
| ST00BN20 | Customership in Changing Operational Environments | 5 | | | | 5 |
| ST00BK60 | Promoting health and wellbeing | 5 | | | | 5 |
| NURSE20SLTI-1005 Nursing Care and Nursing Science | | | | | | 15 |
| ST00BK33 | Basic Nursing Competency | 5 | | | | 5 |
| ST00BK34 | Medicine | 5 | | | | 5 |
| ST00BK35 | Clinical Training: Basics of Clinical Nursing | 5 | | | | 5 |
| NURSE20SLTI-1006 Patient Safety | | | | | | 10 |
| ST00BK37 | Customer-Oriented Chronic Clinical Care Pathways | 5 | | | | 5 |
| ST00BK38 | Pharmacotherapy | 5 | | | | 5 |
| NURSE20SLTI-1007 Evidence-Based Practice | | | | | | 15 |
| ST00BK52 | Nursing Care of the Chronically Ill | 5 | | | | 5 |
| ST00BK53 | Clinical Training: Medical-Surgical Nursing Care | 10 | | | | 10 |
| NURSE20SLTI-1008 Applying Nursing Science | | | | | | 15 |
| ST00BK54 | Mental Health and Substance Abuse Nursing Care | | 5 | | | 5 |
| ST00BK55 | Clinical Training: Mental Health and Substance Abuse Nursing Care | | 10 | | | 10 |
| NURSE20SLTI-1009 Wellbeing Technology and Smart Self-Care Solutions | | | | | | 15 |
| ST00BK56 | Family Nursing | | 5 | | | 5 |
| ST00BK11 | Customership and Guidance in New Environments | | 5 | | | 5 |

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|---|--|--|----|--|-----------|
| ST00BK43 | Clinical Training: Children and Adolescent Nursing care and Maternity care | | 5 | | 5 |
| NURSE20SLTI-1010 Applying Evidence-Based Practice | | | | | 20 |
| ST00BK42 | Gerontological Nursing and Home Care | | 5 | | 5 |
| ST00BK58 | Clinical Training: Gerontological nursing and home care | | 15 | | 15 |
| NURSE20SLTI-1011 Developing Patient Safety | | | | | 15 |
| ST00BK39 | Acute Care | | 5 | | 5 |
| ST00BK40 | Clinical Training: Acute Nursing | | 10 | | 10 |
| NURSE20SLTI-1012 Applying Wellbeing Technology and Smart Self-care Solutions | | | | | 15 |
| ST00BK36 | Clinical Training: Applying Wellbeing Technology and Smart Self-Care Solutions | | 15 | | 15 |
| NURSE20SLTI-1013 Leadership and Entrepreneurship | | | | | 10 |
| ST00BF48 | Leadership and Entrepreneurship | | 5 | | 5 |
| ST00BF49 | Practical Training: Leadership and Entrepreneurship | | 5 | | 5 |
| NURSE20SLTI-1014 Thesis | | | | | 15 |
| LA00BO09 | Thesis planning | | 5 | | 5 |
| LA00BO10 | Thesis research and writing | | 5 | | 5 |
| LA00BO11 | Thesis publication | | 5 | | 5 |
| NURSE20SLTI-1015 COMPLEMENTARY COMPETENCE | | | | | 30 |

NURSE20SLTI-1001 CORE COMPETENCE: 180 ECTS

NURSE20SLTI-1002 Common Core Competence: 25 ECTS

LA00BE73 English for Work: 3 ECTS

Learning outcomes

The student is able to

- recognise the different sources and tools to help them improve their English skills
- gain confidence and manage in written and oral communication situations required in professional studies and in the work life
- describe their education and qualifications
- understand the terminology and concepts of their own field

LA00BF20 Swedish language, Oral Communication: 1 ECTS

Learning outcomes

The student is able to

- express and justify their opinions
- use the key terminology of their own field
- tell about their education, work experience and duties e.g. in job-seeking situations

- present a company of their own trade

LA00BF21 Swedish language, Written Communication: 2 ECTS

Learning outcomes

The student is able to

- use the key terminology of their own field
- tell about their education, work experience and duties e.g. in job-seeking situations
- write a job application
- obtain information related to their own field of studies in Swedish e.g. on the Internet
- use online dictionaries

LA00BF22 Professional communication: 4 ECTS

Learning outcomes

The student is able to

- plan and produce grammatically correct texts
- write an article or an essay that fulfils the criteria of a scientific text related to their own field of studies
- perform actively in professional group communication situations
- retrieve information from a variety of sources and evaluate it critically

LA00BF23 Developing professional competence 1: 2 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 Lahti UAS
- picture their own field of studies and its future skills
- give feedback on tuition and services and thus participate in the development of education

LA00BQ92 Developing professional competence 2: 2 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

LA00BQ93 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

LA00BF24 Research and development: 5 ECTS

Learning outcomes

The student is able to

- obtain, utilise and assess R&D-related information and their sources critically
- follow the rules of ethical principles applied in all research activities
- use the most typical research and development methods of their own field
- write a scientific report and is familiar with the requirements for language and style and how to document the sources

LA00BF27 Anticipating future trends: 5 ECTS

Learning outcomes

The student is able to

- anticipate the changes in their own operational environment
- utilise the futures research materials produced by national and international societies in their own field of studies
- use the terminology and methods of futures research in the research and development of their own field

NURSE20SLTI-1003 Professional Core Competence: 155 ECTS

NURSE20SLTI-1004 Factors of Wellbeing: 10 ECTS

ST00BN20 Customership in Changing Operational Environments: 5 ECTS

Learning outcomes

The student is able to

- describe the changing multidisciplinary operating environments and the role of their own discipline in them
- explain the relevance of resource-based interaction
- prove their familiarity with key legislation, values and ethical principles in social and health care sector
- prove their familiarity with social and health care documentation

ST00BK60 Promoting health and wellbeing: 5 ECTS

Learning outcomes

The Student is able to

- describe the factors of wellbeing at individual and community level and promote these in their work

- determine patient and client safety and the principles of safety in the work environment
- describe the various guidance forms and services available for clients of social and health care
- determine client's functional capacity

NURSE20SLTI-1005 Nursing Care and Nursing Science: 15 ECTS

ST00BK33 Basic Nursing Competency: 5 ECTS

Learning outcomes

The student is able to

- describe the value base of nursing and nursing as a scientific discipline
- describe basic nursing interventions, including their planning, implementation and evaluation
- determine the effects of the most typical age-related changes on functional capacity

ST00BK34 Medicine: 5 ECTS

Learning outcomes

The student is be able to

- determine the basic structure, functions and regulation of the human body
- determine bacteria, fungi and viruses and provide examples of different microbial structures
- describe the principles of infection prevention

ST00BK35 Clinical Training: Basics of Clinical Nursing: 5 ECTS

Learning outcomes

The student is able to

- assess patients' functional capacity and specify nursing care needs
- provide basic care in accordance with the patient safety
- identify and observe patient's vital signs (ABCDE)
- provide cardiopulmonary resuscitation (CPR)
- encounter clients and act professionally and ethically with the clients

NURSE20SLTI-1006 Patient Safety: 10 ECTS

ST00BK37 Customer-Oriented Chronic Clinical Care Pathways: 5 ECTS

Learning outcomes

The student is able to

- describe the stages of a variety of evidence-based clinical care pathways and processes for the most common medical-surgical patients
- describe the rights of the chronically ill patients and disabled clients and their inclusion in their care decisions
- explain the principles of patient safety including the factors potentially leading to adverse events. The student acknowledges reporting as a statutory obligation and is familiar with the reporting methods
- describe the most common diseases requiring medical and/or surgical care, their symptoms and key medical treatment modalities (2 credits)

ST00BK38 Pharmacotherapy: 5 ECTS

Learning outcomes

The student is able to

- describe the statutory basis of pharmacotherapy and the process of effective, safe, appropriate and economical pharmacotherapy
- justify the planning, implementation and evaluation of pain management, pharmacological care and infusion therapy, parenteral nutrition, and blood transfusion
- explain the methods of medicine administration, forms of medication, and the principles of safe radiotherapy and vaccination
- perform medical dosage calculations, acknowledging their own responsibility for the accuracy of the calculations
- explain the principles of pharmacology, identify different drug ingredients and describe their effects, stages in the human body and their synergetic and adverse effects (2 ECTS)

NURSE20SLTI-1007 Evidence-Based Practice: 15 ECTS

ST00BK52 Nursing Care of the Chronically Ill: 5 ECTS

Learning outcomes

The student is able to:

- explain key treatment modalities and nursing interventions of a medical-surgical patient
 - describe national nutrition recommendations and medical-surgical patients' special diets and their role in the overall care of a patient
 - describe the importance of a multi-professional team and the significant others in the care of chronically ill patients/clients
- utilize evidence-based knowledge in promoting chronically ill patients' health and functional capacity
- describe future nursing and self-care methods of chronically ill patients as part of patient guidance

ST00BK53 Clinical Training: Medical-Surgical Nursing Care: 10 ECTS

Learning outcomes

The student is be able to

- plan, implement and evaluate care for the most common medical-surgical patients taking into account patient safety
- apply evidence-based nutrition recommendations in the care and guidance of a medical-surgical patient
- maintain professional interaction with patients or clients and their significant others in guidance situations and in resource-based support situations
- report orally and document nursing care
- utilize evidence-based knowledge in care decisions of a medical-surgical patient

NURSE20SLTI-1008 Applying Nursing Science: 15 ECTS

ST00BK54 Mental Health and Substance Abuse Nursing Care: 5 ECTS

Learning outcomes

The student is able to

- describe the mental health policies, legislation and quality systems governing mental health and substance abuse care while also being able to consider their practical value in developing operational environments and future actions
- describe the characteristics of a nurse-patient relationship in mental health and substance abuse treatment and the significance of a team, multi-professional and network-based practices in the overall care of a patient
- apply researched nursing information in promoting the health and wellbeing of mental health and substance abuse patients
- describe the most common psychiatric diseases and their medical treatments (1 ECTS)

ST00BK55 Clinical Training: Mental Health and Substance Abuse Nursing Care: 10 ECTS

Learning outcomes

The student is able to

- encounter patients with mental health or substance abuse problems and their significant others and examine the interaction through theoretical and experiential knowledge
- plan, implement and evaluate the nursing care process of the patient she/he has a nurse-patient relationship
- examine the ethics, guidance and practices of the medication therapy of a mental health and substance abuse patient
- examine the actions of a multi-professional team and themselves as a team member
- reflect on their thought processes, decision making principles, and work ethics in mental health and substance abuse work
- evaluate the effectiveness of the rehabilitation practices and methods in their clinical practice environment and is able to make development proposals

NURSE20SLTI-1009 Wellbeing Technology and Smart Self-Care Solutions: 15 ECTS

ST00BK56 Family Nursing: 5 ECTS

Learning outcomes

The student is able to

- apply their knowledge of the different stages of children's development in planning, implementing and evaluating nursing care
- plan, implement and evaluate safe medication administration and pain management for pediatric patient's
- recognize the challenges in the wellbeing of a family with children and promote the wellbeing of families
- appraise digital services offered to children, young people, and families
- describe the most common pediatric diseases and their medical treatment methods (1 ECTS)

ST00BK11 Customership and Guidance in New Environments: 5 ECTS

Learning outcomes

The student is able to

- analyze and appraise new guidance and interaction environments from the point of view of the client, availability, and effectiveness of care
- appraise the safety of Internet sources containing health information and the information security of electronic health services
- analyze and compare wellbeing technology solutions promoting health and self-care
- design client- and group-oriented guidance and training for virtual service environments

ST00BK43 Clinical Training: Children and Adolescent Nursing care and Maternity care: 5 ECTS

Learning outcomes

The student is able to

- create a care relationship and act as a primary nurse for a child and the child's family and support their parenthood
- appraise a child's development stage in planning, implementing and evaluating holistic care
- appraise the resources of a child and the parents and consider the significance of their cultural background in supporting the family's resources
- guide a child and the family in safe self-care of the child, utilizing the potential of electronic services
- appraise and analyze approaches and practices that help families to take responsibility for their own wellbeing
- identify and recognize the normal progression of pregnancy, childbirth and post-natal period
- assist in childbirth outside of hospital
- bring up matters concerning sexuality and promote sexual health

NURSE20SLTI-1010 Applying Evidence-Based Practice: 20 ECTS

ST00BK42 Gerontological Nursing and Home Care: 5 ECTS

Learning outcomes

The student is able to

- appraise the normal changes and effects aging has on functional capability and make a comprehensive geriatric assessment
 - plan, implement and evaluate the care of the elderly, utilizing evidence-based knowledge
 - implement symptomatic and humane care to patients suffering long-term illness or terminally-ill patients and support their significant others
 - appraise and promote safe living at home for the elderly, applying future wellbeing technology solutions
 - define the most common geriatric diseases and their care guidelines
- (1 ECTS)

ST00BK58 Clinical Training: Gerontological nursing and home care: 15 ECTS

Learning outcomes

The Student is able to

- make comprehensive geriatric assessments, support the functional capacity of the elderly and work as an expert in multi-professional teams
- apply evidence-based care recommendations in the care and guidance of elderly clients taking into

account the person's individuality

- evaluate the actions at the work place from the viewpoint of values and ethical principles as well as client-oriented decision making
- implement and evaluate the medicine therapy of elderly clients and counsel them and their significant others in safe medication therapy
- evaluate multi-professional teams and their actions and implementation of quality recommendations, and is able to make development proposals for the best of the unit
- manage their own work cost-efficiently and sustainably

NURSE20SLTI-1011 Developing Patient Safety: 15 ECTS

ST00BK39 Acute Care: 5 ECTS

Learning outcomes

The student is able to

- plan, implement and evaluate the safe care and medical treatment of acutely ill patients in different environments
- describe crisis theories and apply them in supporting patients and their significant others in acute crises
- perceive risks and dangerous situations and is able to develop practices regarding patient safety in acute care
- describe the operating procedure and communications in sudden exceptional and dangerous situations and explain the communication practices of public authorities
- describe theoretically the process of critical thinking and its significance in acute care decision making
- implement advanced cardiac life support abiding to patient safety to treat an acute ill or disabled patient (in simulation)
- describe the general guidelines of anesthetic care, intensive care, and emergency care and describe the care principles of acute and chronic pain management (1 ECTS)

ST00BK40 Clinical Training: Acute Nursing: 10 ECTS

Learning outcomes

The student is able to

- identify the different treatment paths for elective and on-call surgical patients
- plan, implement and evaluate the care of surgical patients before and after surgery
- evaluate the patient's post-operative pain and perform pain management as directed
- interview and examine patients in acute care settings, identify their need for care and respond to this independently with appropriate nursing interventions and as a member of a multi-professional care team
- communicate professionally in acute care settings and document the patient's treatment to ensure the continuity of the care
- support and guide a patient in need of individual acute care/ a patient in an acute crisis
- justify their decisions based on reliable knowledge and apply the current information in decision making and development of acute care

NURSE20SLTI-1012 Applying Wellbeing Technology and Smart Self-care Solutions: 15 ECTS

ST00BK36 Clinical Training: Applying Wellbeing Technology and Smart Self-Care Solutions: 15 ECTS

Learning outcomes

The student is able to

- make proposals for developing practices at their clinical placement by utilizing different health care related foresight and future materials
- evaluate their own customer-oriented service attitude and its connection to the quality of service and the action of the work community
- support the functional capacity and involvement of different client groups by utilizing and innovating wellbeing technology solutions
- analyze the strategic management and the need for change at their clinical placement organization and analyze their own readiness for change and development needs in terms of career progression
- analyze the practices in the introduction, guidance and mentoring of technological solutions and make proposals to develop them

NURSE20SLTI-1013 Leadership and Entrepreneurship: 10 ECTS

ST00BF48 Leadership and Entrepreneurship: 5 ECTS

Learning outcomes

The student is able to

- analyze their own role in the actions and development of their work community
- describe the ways in which their supervisors manage and develop their work community and its practices
- describe the development of the quality of social and health care services
- analyze entrepreneurship and its characteristics in social and health care services

ST00BF49 Practical Training: Leadership and Entrepreneurship: 5 ECTS

Learning outcomes

The student is able to

- act as a responsible and goal-oriented team member and manager
- act in an innovative and entrepreneurial manner in social and health services projects
- apply their knowledge of management and entrepreneurship in the work environments of social and health care services

NURSE20SLTI-1014 Thesis: 15 ECTS

LA00BO09 Thesis planning: 5 ECTS

Learning outcomes

The student is able to

- apply the acquired theoretical knowledge to the problems and phenomena of the working life
- solve problems, organise and perceive wholes
- work interactively, tenaciously and systematically

- work according to the practices of their own line of trade
- gather information and evaluate sources critically - report their work orally, in writing and visually

LA00BO10 Thesis research and writing: 5 ECTS

Learning outcomes

The student is able to

- apply the acquired theoretical knowledge to the problems and phenomena of the working life
- solve problems, organise and perceive wholes
- work interactively, tenaciously and systematically
- work according to the practices of their own line of trade
- gather information and evaluate sources critically - report their work orally, in writing and visually

LA00BO11 Thesis publication: 5 ECTS

Learning outcomes

The student is able to

- apply the acquired theoretical knowledge to the problems and phenomena of the working life
- solve problems, organise and perceive wholes
- work interactively, tenaciously and systematically
- work according to the practices of their own line of trade
- gather information and evaluate sources critically - report their work orally, in writing and visually

NURSE20SLTI-1015 COMPLEMENTARY COMPETENCE: 30 ECTS

Courses included in the study module

You can find Complementary competence courses from separate "Complementary competence courses taught in English, Bachelor's Degree, 17S-" Curriculum.

In addition, you can choose Professional Core Competence courses of other Bachelor's Degree Programmes as Complementary competence courses.