

DEGREE PROGRAMME IN NURSING, Vasa (Vaasa in Finnish)

Courses offered in the Academic Year 2021-2022

(Courses are preliminary and subject to change!)

Autumn Semester 2021

NU21 (1st year)

NU21IA10	<p>Introduction to Nursing Research at Novia UAS (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - obtain good insights into nursing as a profession - become familiar with teaching methods, rules and norms at Novia UAS, and prepare to participate in various teaching arrangements and settings - obtain fundamental knowledge of Peppi, Moodle and other platforms used at Novia UAS - adopt critical thinking and incorporate the idea of lifelong learning - be able to search for adequate literature - become familiar with sustainable development from an economical, ecological and social perspective - obtain the necessary IT-skills for information- seeking and communication - obtain the necessary skills for academic writing and the presentation of written assignments - develop the ability to read, understand and produce academic texts in English
NU15IA02	<p>Swedish for Beginners (3 ECTS)</p> <p>The student will be able to:</p> <ul style="list-style-type: none"> - understand and use familiar everyday expressions and very basic phrases aimed at meeting specific needs - introduce him-/herself and others, as well as ask and answer questions about personal circumstances, such as living arrangements, friends, and possessions - interact with others in a simple way, provided that the other person talks slowly and clearly and is prepared to help
NU21BM10	<p>Anatomy and Physiology (4 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - understand the structure and function of the locomotor system, as well as the anatomic position and the description of orientation - become familiar with cell biology, as well as different types of tissues, and understand their function - understand how the nervous system regulates physiological processes - understand the structure and function of the sense organs - understand how the endocrine system regulates body metabolism and organ functions - be able to apply the above mentioned knowledge to nursing care
NU21BM11	<p>Clinical Microbiology, Immunology and Pathology (4 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - describe and compare the biology of different microbe groups causing disease in man - describe all the different modes for microbe transmission - describe the human microbiota and explain its impact on human health

	<ul style="list-style-type: none"> - describe microbes causing common human infectious diseases - describe antimicrobial resistance and explain the resistance in bacteria - describe and compare basic aseptic methods - master the terminology of basic clinical microbiology - understand the immune response in health and disease - understands the importance of immunology and pathology in health care - can account for the immune system's physiology
NU21HS11	<p>Health Promotion and Nutrition (4 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> -develop a holistic view of the human being -become familiar with health promotion throughout the life span -know the fundamental concepts of epidemiology, health and illness, and differentiates health promotion from health protection or illness prevention -recognize factors hazardous to health, and will be able to apply an individual approach to health promotion and prevention -be able to support health promotion and illness prevention for specific patient groups at risk -become familiar with different aspects of measuring health: subjective and objective measurements -become familiar with screenings, and be able to apply this knowledge to nursing care. -understand the concept of health and lifestyle and be able to apply that to disorders linked to lifestyle -recognize the connection between illness and social factors - know the diseases prevented by vaccination both nationally and internationally - know the composition, advantages and side effects of vaccines - know the national vaccination programme and legislation in Finland - has knowledge of preventive care and treatment at the most common national and global infectious diseases - is aware of the epidemiology of infectious diseases - has knowledge of medical terminology and drug treatment in immunological conditions - understands the importance of health promotion, preventive care and rehabilitation in relation to immunological diseases -be able to identify essential nutrients and their dietary sources -be able to describe normal digestion, absorption and the metabolism of vitamins, carbohydrates, proteins and lipids -be able to identify factors influencing nutrition and variations throughout the life span -become familiar with eating disorders and therapies related to these -become familiar with diets related to illness and disease -be able to guide patients concerning nutritional issues -be able to apply evidence-based nursing care and the nursing process to nursing care related to nutritional problems
NU21CC10	<p>Evidence Based Nursing (5 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> -develop an international perspective on nursing history -become familiar with nursing models, concepts, theories and traditions of caring/nursing science -become familiar with ethical theories, codes of ethics, ethical decision-making and ethical issues. -obtain fundamental knowledge, and an understanding, of cultural differences, as well as the need for cultural sensitivity in all contact with people. -will be able to apply cultural awareness, and respect for individual uniqueness, to nursing care. -adopt an approach to nursing care based on critical thinking and evidence based practice and

	<p>decision-making process</p> <ul style="list-style-type: none"> -understand the necessity of an evidence-based practice -obtain knowledge of how to assess, plan and implement nursing care based on the patient's needs -know how to evaluate nursing care -know the procedures concerning the discharge of patient -know how to correctly document and report nursing care according to the national health care system (ISBAR)
NU21AF14	<p>Gerontological Nursing and Rehabilitation (5 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> -understand the process of natural ageing (physical, mental and social changes) -become prepared to assess caring needs that are specific for the elderly patient -obtain basic knowledge of health promotion, the prevention of diseases and disabilities in older adults, and use this knowledge for patient guidance. -obtain knowledge of specific diseases linked to older adults and their aetiology. -obtain knowledge of specific issues regarding pharmacology and nutrition in elderly care, and prepare for the practice of safe drug administration -become prepared to care for the elderly patient in all nursing contexts -understand the concept of habilitation and rehabilitation from a social, physical and psychological perspective -become familiar with rehabilitation and habilitation at different ages and persons with special needs -understand the organization and management of rehabilitation and habilitation in nursing, both nationally and internationally, and be able to apply it to patient guidance and nursing care. -recognize different patient organizations acting in the field of rehabilitation and habilitation
NU21HS10	<p>Patient Safety and Service Design in Social and Health Care (4 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - obtain basic knowledge of health care- and social welfare structures, both nationally and internationally - become familiar with health care- and social welfare services organized by the public, private and third sector in Finland - become familiar with the treatment- and service chains and design of social- and health care - understand the basic principles of health legislation in Finland and will be able to apply laws and regulations to his/her health care practice. - be able to apply theoretical knowledge to nursing care in order to guide the patient in matters concerning rights to health care and social services. - prepare to prevent and identify quality deviations in all phases of the nursing process - understand the importance of confidentiality in all phases of the nursing process, and be able to act in accordance with such principles, - prepare to promote patient safety in all phases of the nursing process

NU19 (2nd year)

NU15PH02	<p>Drug therapy 2 (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> -master advanced drug therapy in nursing care and recognize personal responsibility in drug handling, pharmacokinetics and pharmacodynamics -know the active pharmaceutical ingredients -know the generic name for drugs used when treating the most common diseases -be able to manage the preparative procedures for intravenous (IV) therapy, endovascular treatment and blood transfusions, prepare for these procedures and treatments, and monitor the patient during and after IV-therapy and blood transfusion -master patient guidance and documentation related to drug therapy -understand the importance of safe drug therapy in relation to patient safety -master calculations needed in medical and infusion treatment, and be able to dose and administer medication without error
NU15IC02	<p>Perioperative Nursing Care (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - know various types of surgery according to the purpose, degree of urgency and degree of risk - know how to apply the nursing process to surgical nursing care - know the different phases of the perioperative period - be able to identify the nursing responsibilities related to planning perioperative nursing care and preparing the patient for surgery - obtain knowledge about different types of anaesthesia - know the essential nursing assessments and interventions during the immediate postoperative phase - become familiar with complications related to surgery
NU15IC03	<p>First Aid and Crisis Management (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - obtain knowledge of different types of crises, as well as patient care in various emergency and crisis situations - obtain knowledge of the organization and administration of crises in the community and in the workplace - obtain knowledge of first aid, and be prepared to act in accordance with the requirements of the acute situation - obtain knowledge of acute psychiatric illness and be prepared to act in accordance with laws and regulations, as well as the requirements of the acute situation - become prepared to support the patient, as well as his/her family, in acute- and trauma situations - prepare to supervise and guide patients and personnel in crisis situations - become familiar with occupational safety and civil defence
NU15AF01	<p>Responses to Altered Hematological, Cardiovascular and Vascular Function (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - be able to describe normal variations in cardiovascular assessment findings - be able to identify health problems related to cardiovascular, lymphatic, vascular or haematologic disorders - be able to use the nursing process as a framework for providing individualized care to patients with cardiovascular, haematological and vascular disorders - know how to prioritize the patient' s needs for nursing care, act correctly on those, and document them based on the national guidelines and classification system

	<ul style="list-style-type: none"> - be able to explain nursing implications for medication and other treatments prescribed for haematologic disorders - be able to apply insights into altered haematological, cardiovascular and vascular functions onto all nursing contexts
NU18AF03	<p>Responses to Altered Endocrine and Sexual-Reproductive Function (3 ECTS)</p> <p>The student will be able to:</p> <ul style="list-style-type: none"> - identify health problems involving the endocrine system, the reproductive system and breasts - identify abnormal findings that may indicate an impairment of the endocrine system - use the nursing process as a framework for providing individualized care for patients with an endocrine or sexual-reproductive dysfunction - prioritize the patient' s needs for nursing care, act correctly on those, and document them based on the national classification system - identify the riskfactors and symptoms of the various types of diabetes - prepare for guiding the patient in health promotion and prevention of complications - identify the risk factors and complications related to STI - apply insights into altered endocrine and sexual-reproductive functions to all nursing contexts - can care for patients with gynecological infections, tumors, bleeding disturbances, early pregnancy complications - know and can give advice about family planning - have awareness of sexual aspects including infertility in the human being
NU15HS04	<p>Nutrition, Diets and Health Education (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - be able to identify essential nutrients and their dietary sources - be able to describe normal digestion, absorption and the metabolism of vitamins, carbohydrates, proteins and lipids - be able to identify factors influencing nutrition - be able to identify nutritional variations throughout the life span - become familiar with eating disorders and therapies related to these - become familiar with diets related to illness and disease - be able to guide patients concerning nutritional issues - be able to apply evidence-based nursing care and the nursing process to nursing care related to nutritional problems
NU15AF04	<p>Responses to Altered Gastrointestinal Function and Urinary Elimination (3 ECTS)</p> <p>The student will be able to:</p> <ul style="list-style-type: none"> - identify health problems related to gastrointestinal or urinary elimination disorders - identify abnormal findings that may indicate alterations in the gastrointestinal system and urinary elimination system - identify risk factors and complications of disorders related to the gastrointestinal- or urinary elimination system - assess the patient' s need for nursing care through adequate clinical and physiological assessments - prioritize the patient' s needs for nursing care, act correctly on those, and document them, based on the national classification system - use the nursing process as a framework for providing individualized care to patients with gastrointestinal- or urinary elimination disorders - apply insights into altered gastrointestinal function and urinary elimination to all nursing contexts
NU15AF02	<p>Responses to Altered Integumentary, Neurologic, Eye- and Ear Function (3 ECTS)</p>

	<p>The student will be able to:</p> <ul style="list-style-type: none"> - identify health problems involving the skin, hair and nails - identify health problems involving the eyes and ears - identify health problems involving the neurologic function - identify abnormal findings that might indicate an impairment in the function of the eyes, ears or the integumentary system - use the nursing process as a framework for providing individualized care to patients with integumentary-, neurologic-, and eye- or ear disorders - prioritize the patient' s needs for nursing care, act correctly on those, and document them, based on the national classification system - apply insights into altered integumentary-, neurologic- and eye and ear functions to all nursing contexts
NU15RM02	<p>A Theoretical Framework for Nursing Research (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - obtain knowledge of the fundamental philosophical theories underpinning nursing research - obtain knowledge of nursing theories that influence nursing research and nursing care - become familiar with the tradition and development of Caring Science - its history and future - be able to integrate basic knowledge of ontology, epistemology and the ethos of Caring Science into different modules of clinical caring and nursing
NU15ICo6	<p>Patient Safety and Quality Assurance (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - understand the principles of safety control and know how to implement them in nursing care - obtain knowledge of X-ray diagnostics and its importance in patient care - know laws, regulations and directives concerning medical radiation - know the medical uses of radiation - obtain basic knowledge and skills regarding radiation, and will be able to minimize radiation risks - obtain basic knowledge of radiation protection for health professionals outlined in ST 1.7 (Säteilysuojelukoulutus terveydenhuollossa) - prepare to promote patient safety in all phases of the nursing process - prepare to prevent and identify quality deviations in all phases of the nursing process - understand the importance of confidentiality in all phases of the nursing process, and be able to act in accordance with such principles

NU18 (3rd year)

NU15HS05	<p>Home and Community Nursing Care (3 ECTS)</p> <p>The student will:</p> <ul style="list-style-type: none"> - become familiar with the organization of home care in Finland, and be able to define home care in different settings - be able to identify the essential aspects of the home visit - become aware of patient- and staff safety during home visits - be able to take care of the patient in a home environment while considering professionalism, confidentiality and courtesy - be able to apply evidence-based nursing care, and the nursing process, in home- and community nursing care
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NU18AF09	<p>Nursing Care for the Child, Adolescent and Family (3 ECTS)</p> <p>The student will</p> <ul style="list-style-type: none"> - obtain knowledge of the specific prerequisites related to caring for children, adolescents and their families - obtain knowledge of the specific prerequisites related to maternity care and can recognize normal pregnancy, birth and postpartum - can recognize and give immediate first aid/care in complications during pregnancy, birth and postpartum and refer patients without delay to maternity care facilities - obtain knowledge of the specific prerequisites related to neonatal care - obtain knowledge of specific health risks related to children and adolescents and prepare to guide the child, adolescent and family in their decisions regarding health-promotion - be able to use the nursing process as a framework for providing individualized care for patients, with consideration to the age-specific needs of the patient - be able to prioritize the patient' s needs for nursing care, act correctly on those needs, and document them based on the national classification system - understand different cultural needs and learn to treat the patient, and the family, with dignity
NU18IA05	<p>Nursing Finnish (3 ECTS)</p> <p>The students</p> <ul style="list-style-type: none"> - can produce simple instructions and nursing documentation - can orally discuss patient care, nursing procedures, medical conditions - knows common vocabulary used in nursing - can cope in simple conversations with patients

Spring Semester 2022

TBD ...

Contact: Novia University of Applied Sciences
P. O. Box 6
FIN-65201 VAASA

International: Katja Bonäs
International Coordinator
Phone: +358 50 524 7282
E-mail: katja.bonas@novia.fi

Terese Herrgård-Backlund
International contact teacher
Phone: +358 50 3093141
E-mail: terese.herrgard-backlund@novia.fi