

## **Bachelor's Degree Programme in Nursing (IN25SP)**

**Credits**

210

**Duration (years)**

3.5

**Language**

English

**Specifications****Degree**

Bachelor of Social and Health Care

**Degree title**

Bachelor of Social and Health Care

**Degree programme**

Degree Programme in Nursing

**Type of education**

Bachelor's degrees, full-time study

**Person in charge**

Mirka Savolainen

**Description****Description**

The Degree Programme in Nursing is a 3.5-year, 210 ECTS programme which leads to a Bachelor of Health Care degree. The skills and expertise gained through this programme are in compliance with the requirements of the EU in view of the level of higher education enabling free movement of labour and experts.

A nurse works as an expert in multi-professional teams and networks, develops, and promotes research- and evidence-based nursing practice. A nurse promotes health both nationally and internationally. He or she can be employed by public or private sector health care organisations. A nurse participates in the development of social and health care services and in social decision-making following the principles of sustainable development. He or she implements and develops nursing care for individuals, families and communities to promote health, prevent and cure diseases and to enhance rehabilitation. A nurse's professional competence also includes eg forecasting factors that influence health, wellbeing and resources of individuals, families and communities. The competence also includes the provision of guidance and mentoring to support the resources. By providing guidance and mentoring, a nurse supports the individuals to manage the factors that influence their lives and to implement resources when a person becomes ill.

A nurse's work is guided by nursing values and ethical guidelines. Current legislation and health policy guidelines in Finland provide the starting point for his or her professional activity. The operational environment of nursing and personnel is governed by national and European legislation with an aim to secure equal opportunities for health and wellbeing for all.

### Right to practice the profession of Nurse and Licensing

The National Supervisory Authority for Welfare and Health (VALVIRA) grants, upon application the right to practice as a licensed healthcare professional. The prerequisite for the licensing is that the nursing education meets the minimum education requirements. The professional qualifications of a nurse and the education of a nurse responsible for general nursing care are regulated by directive 2013/55/EY of the European Parliament and of the Council and by European Qualifications Framework (EQF), 2006. The UAS has to verify that the healthcare professional has the required professional competence.

### Curriculum development and working life cooperation

In Savonia, the pedagogical starting point is the diverse combination of high quality and working-life-oriented education and research and development activities. Co-development strengthens multidisciplinary activities, utilization of partnerships and closeness to working life.

Education close to working life emphasizes students' motivation and commitment to their studies. A variety of virtual and physical environments in Savonia and in partner organizations' facilities both at home and abroad connect theory and practice in an extensive and interesting way as part of the student's learning and the also the development of organizations. The education is characterized by multiformity, multidisciplinary and not bounded to time and place.

With comprehensive guidance, the student's professional growth is supported throughout the study path. In Savonia, every student is an individual. The training is carried out taking into account the different needs and goals of the students. Personalized education enables alternative methods of performance and individual paths according to the student's own goals.

In Savonia, the recognition of prior learning and the studification of work are used as part of the student's personal study plan when possible. Students can deepen or expand their skills by utilizing the offerings of Savonia's national and international higher education partners.

Responsibility, sustainable development and global human security challenges are taken into account in the contents and implementation methods of the annual themes and study contents.

### Methods and implementation

Savonia UAS provides education, which is guided by OIS-thinking Open Innovation Space (OIS 2.0). The objective is to combine high-quality learning and teaching with working -life -oriented research and development work. In working-life- oriented education the student's motivation and commitment are emphasized. The development of students' professional skills and competence is enhanced in different learning environments by enabling multiform, year-round studying with no ties to place and time and by utilising learning in the workplace. The students' comprehensive counselling and recognition of prior learning belong to their personal study and career plan. According to the conception of learning in nursing education, the student is self-directive and takes responsibility for his or her professional growth and development. The student also maintains his or her personal

learning environment (PLE) where he or she reflects on his or her personal development based on semi-annual themes.

The multiform networking of the teaching staff enables the working- life -oriented education at Savonia UAS. These networks also guarantee the continuous development of substance expertise. The personnel provide the learning opportunities and supports the student's learning. The Student Services Office, the Library and Information Services, the International Services and other supportive services help the students in their studies. The studies are based on the principles of accessibility and sustainable development.

The objectives, content, extent, methods and requirements of the courses are described in the curriculum of the Degree Programme in Nursing. The implementation plan is published annually. The courses offered during the same semester form a coherent entity. Flexibility in the studies is guaranteed by virtual studies, the use of social media and by using alternative methods to demonstrate skills and competence. Recognition of prior learning (RPL) and learning in the workplace are part of this process. Tutor teachers provide support for drafting the personal study and career plan (PSP) and or competence development.

The guiding principles in the degree studies are dialogue between practice and theory, learning in different expert cultures, and ensuring the student's progress possibilities in his or her study path. Contact lessons, independent studies and group studies alternate and overlap during the studies. Part of the studies takes place in skills workshops and simulations in the school premises. Internship in real working environments and other working-life-related study forms, eg various joint projects with working life, are part of the studies and competence development. The students get support for collaborative learning and independent information retrieval starting from the very beginning of the studies. During the degree studies, the student is expected to demonstrate his or her professional competence.

Internationalisation is part of studies. The student has an opportunity to learn internationality and improve his or her cultural competence by studying 60 ECTS abroad through various exchange programmes and at the home university together with international students. The studies completed at our partner universities abroad are included in the degree studies. The students can improve their intercultural skills also by acting as a peer tutor student and help exchange students and by working eg in immigrant communities. The student can also include alternative language studies into his or her personal study and career plan.

The aim of the entrepreneurial studies is to encourage entrepreneurship and increase awareness of entrepreneurship, entrepreneurial activity, entrepreneurial thinking and business life. These courses are included in the elective studies. The students can improve their entrepreneurial skills also during internship.

The Degree Regulations of Savonia UAS govern assessment. Assessment is used to guide and assess the attainment of objectives. The assessment criteria are based on the course objectives and the students are told about the criteria at the beginning of each course. The student is entitled to receive information on the application of the assessment criteria to his or her study attainment. During the Bachelor of Health Care studies both quantitative and qualitative feedback is collected during each semester and the feedback is discussed in tutor lessons. In addition, the student can give feedback through Intranet. The feedback can be given by either using the student's name or

anonymously. A teacher may also collect feedback on each course separately.

## Objectives

In Savonia's curricula, the courses form broader study units. In this way, they support the overall development of the student and the development of expertise. At the same time, it becomes possible to combine teaching and working life-oriented research and development activities.

The Bachelor's Degree Programme in Nursing curriculum is designed so that

- the degree produces the skills required in working life
- training ensures the development of the student's expertise.

## Student

- prepares a personal study plan to support his/her studies, where previously acquired competence is recognized
- is responsible for the progress of his/her studies.

Savonia's teachers and other personnel guide and support in defining and achieving personal goals.

## Development of Expertise

In the curricula at Savonia UAS the study modules form extensive study entities. Thus, they support the development of the student's professional expertise and the student's development as a whole. This also enables the combination of teaching with the working-life-oriented research and development activities.

The Bachelor of Health Care curriculum has been planned so that the

- the degree programme provides the student with the knowledge, skills and competence required in the working life
- the studies ensure the development of the student's professional expertise.

## The student

- drafts a personal study and career plan (PSP) including the recognition of prior learning (RPL)
- is responsible for the progress of his or her studies

The teachers and other personnel guide and support students in defining and achieving the personal learning goals. A nurse's professional development starts with orientation to nursing care work and proceeds through development and deepening to a professional with skills to apply his or her knowledge. Annual and semester themes and the description of their competence levels help the student plan, assess his or her professional development, and focus on studying the core knowledge and skills as well as ethical principles. Learning is goal-oriented, situated and interactive. This requires that the student identifies his or her own objectives and targets. After completing the degree studies and gaining enough work experience, it is possible to apply to master's level studies at a university of applied sciences.

Code	Name	Sum
IN25SP	Bachelor's Degree Programme in Nursing	210
<b>IN25SP-1001</b>	<b>BASIC STUDIES</b>	<b>30</b>
<b>IN25SP-1002</b>	<b>Basic Studies</b>	<b>30</b>
IN00BC91	Orientation to Social and Health Care Studies	5

IN00BC92	Client-oriented Social and Health Care Services	5
IN00BD02	Intercultural Communication and Finnish in Social and Health Care	5
IN00BD08	Research, Development and Innovation in Social and Health Care	5
IN00BN40	Working Life Skills, Occupational Well-being and Entrepreneurship	5
IN25SP-1003	Finnish or Swedish	5
IN00BC97	Basics of Finnish language (for non-native Finnish speakers)	5
IN00BD12	Swedish Language in Social and Health Care and Customer-oriented Communication (for Finnish Students)	5
<b>IN25SP-1004</b>	<b>PROFESSIONAL STUDIES</b>	<b>155</b>
<b>IN25SP-1005</b>	<b>Obligatory Professional Studies</b>	<b>135</b>
IN00BL57	Anatomy, Physiology and Diagnostics Examinations 1	5
IN00BR57	Nursing Assessment and Interventions	5
IN00BL60	Nursing Assessment and Interventions, Clinical Skills	5
IN00BL62	Basics of Pharmacological Treatment	5
IN00BL66	Anatomy, Physiology and Diagnostics Examinations 2	5
IN00BL68	Medical Nursing	5
IN00BR58	Internship: Nursing Assessment and Interventions Practice	10
IN00BL70	Internship: Medical Nursing Practice	10
IN00BL71	Basics of Pharmacotherapy	5
IN00BL72	Perioperative Nursing	5
IN00BL73	Paediatric and Family Nursing	5
IN00BL74	Internship: Perioperative Nursing Practice	10
IN00BL75	Mental Health and Substance Abuse Nursing	5
IN00BL76	Internship: Paediatric and Family Nursing Practice	10
IN00BL77	Internship: Mental Health and Substance Abuse Nursing Practice	10
IN00BL78	Gerontological Nursing and Home care Services	5
IN00BL79	Internship: Gerontological Nursing and Home Care Services Practice	10
IN00BL80	Development of clinical nursing expertise	5
IN00BL25	Internship: Development of Interprofessional Nursing Care	5
IN00BL81	Internship: Developing Nursing Competencies	10
<b>IN25SP-1006</b>	<b>Optional Professional Studies</b>	<b>20</b>
SA00BJ35	Acute and Critical Care	10
SA00BM64	Internship: Acute and Critical Care	10
SA00BJ37	Perioperative Nursing in Different Nursing Contexts	10
SA00BM65	Internship: Perioperative Nursing in Different Nursing Contexts	10
IN00BL23	Clinical Nursing in Different Nursing Contexts	10
IN00BL24	Internship: Clinical Nursing in Different Nursing Contexts	10
SA00BJ39	Mental Health and Substance Abuse Nursing in Different Nursing Contexts	10

SA00BM66	Internship: Mental Health and Substance Abuse Nursing in Different Nursing Contexts	10
<b>THESIS</b>	<b>THESIS</b>	<b>15</b>
<b>THESIS-1001</b>	<b>Thesis</b>	<b>15</b>
XT00BA53	Thesis Planning	5
XT00BA54	Thesis Implementation	5
XT00BA55	Thesis Finalisation	5
XT00BA56	Maturity Test	0
<b>IN25SP-1007</b>	<b>ELECTIVE STUDIES</b>	<b>10</b>
<b>IN25SP-1008</b>		<b>10</b>

## **IN25SP Bachelor's Degree Programme in Nursing: 210 op**

### **IN25SP-1001 Basic Studies: 30 op**

#### **Optionality**

All compulsory

### **IN25SP-1002 Basic Studies: 30 op**

#### **Optionality**

All compulsory

### **IN00BC91 Orientation to Social and Health Care Studies: 5 op**

#### **Credits**

5 - 5

#### **Objectives**

The student is able to

- assess and develop his or her learning skills.
- make justified choices considering internationalisation, professional options and career planning in the field.
- operate in the Savonia UAS environment at campus and remotely using distance learning tools.
- use all required information systems safely considering data security.
- communicate and interact in study-related situations.

#### **Content**

- study practices; methods, RPL, level tests, data acquisition, school safety and security, student union, internationality, counselling and welfare services.
- basics of oral and written communication.
- information systems at Savonia UAS.
- skills and expertise development in the personal learning environment (PLE).

#### **Prerequisites**

None.

**Assessment scale**

Five step scale

**IN00BC92 Client-oriented Social and Health Care Services: 5 op****Credits**

5 - 5

**Objectives**

The student is able to:

- describe social and health care services and the key features of related legislation
- describe the values and ethical basis of a welfare society
- explain the importance of social and health care services in the society and for an individual client
- apply the safety and security requirements of the social and health care field
- explain the principles of entrepreneurial approach and the importance of people-oriented development of services
- describe the rights of a client and a professional.

**Content**

- essential social and health care services and related legislation
- the basis of a welfare society and the roles of a client and a professional
- data protection and security
- digitalisation of social and health care services
- voluntary intrapreneurship and entrepreneurship in social and health care.
- the development of people-oriented social and health care services through service design

**Prerequisites**

None.

**Assessment scale**

Five step scale

**IN00BD02 Intercultural Communication and Finnish in Social and Health Care: 5 op****Credits**

5 - 5

**Objectives**

The student is able to

- use English and/or Finnish (foreign students) in his or her work at the level required for his or her professional development
- tell about his or her working environment and duties in English and/or Finnish (foreign students)
- interview and guide, mentor and care for different clients in English and/or Finnish (foreign students)
- use essential professional vocabulary and source books
- identify cultural differences and describe the special features of his or her own culture
- understand the impact of culture on communication

**Content**

Encountering the client and guiding, mentoring and caring for him or her. Telling about the working environment and duties, other important interactions in a multicultural environment, studying the field-specific material in English and/or Finnish (foreign students), essential professional vocabulary. The concepts of culture and intercultural communication, basic cultural differences, improving intercultural communication skills. Finnish grammar of level A2.2. (foreign students).

**Prerequisites**

Foreign students: Basics of Finnish 5 cr.

**Assessment scale**

Five step scale

**IN00BD08 Research, Development and Innovation in Social and Health Care: 5 op****Credits**

5 - 5

**Objectives**

The student is able to

- describe the paradigm of the discipline.
- understand the significance of research data and evidence-based information in supporting and developing practical work.
- retrieve information from the most important field-specific databases.
- utilise research and evidence based information in his or her work,
- explain the process and principles of research and development work and assess the validity of the information.
- apply the principles of scientific writing and reporting.

**Content**

- paradigm and its importance in the field-specific practical work, development and research.
- research and evidence based information one's own work and in developing the social and health care.
- the principles of information retrieval and the most important field-specific databases.
- the principles and progress of research and development work.
- development work methods and essential data collection methods and data analysis processes.
- evaluation of development and research work.
- academic writing and reporting.

**Prerequisites**

None.

**Assessment scale**

Five step scale

**IN00BN40 Working Life Skills, Occupational Well-being and Entrepreneurship: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, student is able to

- explain the main principles of management and financial planning in the social and health care field
- understand what self-management means and how self-management is seen as competence in working life
- understand the rules, obligations, and practices of working life in his field
- describe the factors influencing occupational well-being and understand how can promote well-being at work with own action
- explain the most important employment legislation in the service sector and the collective agreements in the social and health care sector affecting the employee
- seek possibilities to provide health and social services in the private and third sectors within the limits of the legislation
- market his or her own expertise and the services of his or her work community

**Content**

The concepts of management and organisation

Human resource management

Self-management

Employment in the service sector and related contracts and legislation

Occupational well-being

Work community and Team work skills

Entrepreneurship in the social and health care sector

Service design, cost accounting, pricing, budgeting

Marketing thinking and methods in the work community.

**Prerequisites**

This course can be taken when the student has gained a good understanding of the social and health care environment and of his or her own work, mainly after the second academic year.

**Assessment criteria****Assessment criteria - approved/failed**

Pass-fail

**IN25SP-1003 Finnish or Swedish: 5 op****Optionality**

Select one

**IN00BC97 Basics of Finnish language (for non-native Finnish speakers): 5 op****Credits**

5 - 5

**Objectives**

After completing this course, the student is able to

- use familiar everyday expressions and basic phrases
- introduce him/herself and others
- ask and answer simple questions
- interact orally in a simple way.

**Content**

Topics: getting to know each other, greetings, days of the week, numbers, countries, languages, weather, seasons, family, appearance, clock, apartment, traveling.

Grammar: personal pronouns, verb to be, change of consonants (KPT), types of verbs, questions, nominative plural, genitive, partitive, locatives.

**Prerequisites**

None.

**Assessment scale**

Five step scale

**IN00BD12 Swedish Language in Social and Health Care and Customer-oriented Communication (for Finnish Students): 5 op****Credits**

5 - 5

**Objectives**

Opintojakson suoritettuaan opiskelija osaa

- käyttää työtehtävissään ruotsin kieltä kirjallisesti ja suullisesti lain (149/22) edellyttämällä tasolla
- esitellä ruotsin kielellä omaa ammattialaansa kirjallisesti ja suullisesti
- osaa haastatella ja ohjata ruotsin kielellä asiakkaita oman alansa asiakastilanteessa
- käyttää keskeistä ammattialansa sanastoa ja lähdekirjallisuutta
- etsiä ja analysoida näyttöön perustuvaa ruotsinkielistä tutkimusta
- olla asiakaslähtöisesti vuorovaikutustilanteissa

**Content**

- asiakkaan kohtaaminen ja ohjaaminen, työympäristön ja oman työn esittely ruotsiksi sekä oman ammattialan sanasto ja ruotsinkieliset aineistot

- erilaisten asiakkaiden haastattelu ja ohjaaminen / hoitaminen asiakaslähtöisesti ruotsiksi asiakastilanteissa, kaksikielinen Suomi työympäristönä

**Assessment scale**

Five step scale

**IN25SP-1004 Professional Studies: 155 op****Optionality**

All compulsory

**IN25SP-1005 Obligatory Professional Studies: 135 op****Optionality**

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All compulsory

### **IN00BL57 Anatomy, Physiology and Diagnostics Examinations 1: 5 op**

#### **Credits**

5 - 5

#### **Objectives**

The student is able to

- describe the required bodily structure and functions
- define the etiological and pathophysiological factors of diseases
- apply his or her knowledge to diagnostic examinations
- identify the relationship between bodily functions and diagnostic examinations

#### **Content**

Anatomy and physiology:

- basic concepts of anatomy, physiology and pathophysiology
- cell, tissue, skin, cardiac system, circulatory system, immune system, respiratory system, digestive system, urinary system

Diagnostic examinations:

- sampling and guiding the client (blood, urine, faeces, microbiological and histocytological samples)
- the relationship between laboratory tests and pathophysiology

#### **Assessment scale**

Five step scale

### **IN00BR57 Nursing Assessment and Interventions: 5 op**

#### **Credits**

5 - 5

#### **Objectives**

After completing the course, student is able to

- describe the importance of the nursing values and fundamental nursing concepts as the basis of nursing care
- name the basic concepts of nursing science
- assess the client's daily nursing needs and list nursing activities
- observe and interpret the effects of nursing activities used on the client's health and functional ability
- explain the ABCDE method when examining the patient's basic vital functions and the ISBAR method when reporting on them
- explain the importance of functional ability and rehabilitative care in welfare promotion
- document nursing according to the nursing process model and national documentation model
- describe the factors influencing patient safety and understand the importance of the HaiPro reporting system
- explain the basics of infection prevention control principles in nursing
- explain the meaning of hygiene and safety in patient catering

- describe the main content of the national nutrition and exercise recommendations from the nursing care point of view

### **Content**

- basic concepts of nursing science
- professional and therapeutic interaction
- client-oriented nursing
- nursing ethics
- mentoring the client/patient
- patient safety
- nursing assessment and interventions
- nursing documentation
- infection prevention and control in nursing, and related legislation
- nutrition and physical activity in health promotion
- food hygiene

### **Assessment scale**

Five step scale

## **IN00BL60 Nursing Assessment and Interventions, Clinical Skills: 5 op**

### **Credits**

5 - 5

### **Objectives**

After completing the course, student is able to

- work in accordance with the ethical guidelines, values and principles of nursing
- pay attention to and promote patient safety
- assess the client's needs, choose and use the appropriate nursing interventions to promote health and functional ability
- use the ABCDE method to examine the patient's vital signs
- guide the client/patient in daily activities according to the principles of rehabilitative nursing
- explain what should be documented about the patient's/client's daily activities and health
- work aseptically and pay attention to the transmission-based precautions
- pay attention to the safety of food hygiene in patient care
- identify the nutritional condition and is able to provide enteral nutrition to the patient
- recognize the need for change and use methods that promote health and functional ability to achieve goals
- master the basics and the essential methods of first aid and resuscitation
- work ergonomically correctly

### **Content**

- nursing assessment and interventions (assisting in daily activities, enteral nutrition, secretion, ABCDE-protocol: monitoring and nursing of vital functions. Deceased care)
- professional interaction and guiding the client/patient in nursing care
- patient safety
- nursing documentation according to the Finnish classification of nursing diagnoses, the national documentation model, use of the Docca software
- aseptics, Infection prevention and control

- personal and food hygiene
- first aid
- ergonomics

**Prerequisites**

Nursing Assessment and Interventions in progress.

**Assessment scale**

Five step scale

**IN00BL62 Basics of Pharmacological Treatment: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, the student

- knows the main laws, regulations, instructions and ethical principles governing medical treatment
- knows the responsibilities and duties of a nurse in the implementation of safe pharmacological treatment
- knows basic concepts of pharmacological treatment, administration routes and pharmaceutical forms
- knows pharmacokinetics and pharmacodynamics of medication administered through different routes
- knows factors affecting the drug response, adverse reactions and drug interactions
- identifies the mechanisms of action of the most common medicinal substances
- names the main stages of the pharmacological treatment process
- knows how to use electronic databases of pharmacological treatment
- learns how to implement safe medication administration
- knows the principles of the intravenous fluid and medication administration and is able to implement them under supervision
- is able to dispense medication faultlessly
- is able to administer injections under supervision
- masters accurate drug calculations
- learns the documentation of medical treatment
- knows the national vaccination program and understands the importance of vaccines in health promotion.

**Content**

- basic concepts of pharmacological treatment
- acts, regulations, instructions and ethical principles regulating pharmacological treatment
- administration routes and pharmaceutical forms
- pharmacokinetics and pharmacodynamics
- adverse reactions and drug interactions
- monitoring drug response
- a nurse administering and dispensing of medication
- drug calculations
- administering injections

- vaccination expertise
- the intravenous fluid therapy and medication
- the electronic drug databases (Terveysportti, HaiPro)

**Assessment scale**

Five step scale

**IN00BL66 Anatomy, Physiology and Diagnostics Examinations 2: 5 op****Credits**

5 - 5

**Objectives**

The student is able to

- describe the required bodily structures and functions
- apply his or her knowledge to diagnostic examinations
- identify the relationship between bodily functions and diagnostic examinations
- explain the principles of radiation protection in nursing and diagnostic examinations

**Content**

Anatomy and physiology:

- nervous system, senses, endocrine system, musculoskeletal system, acid-base balance, reproductive systems

Diagnostic examinations:

- ECG, respiratory function tests, anthropometric measuring and acid-base balance tests
- the relationship between patient examination results and pathophysiology
- Medical imaging: plain radiography, CT (computed tomography), MRI (Magnetic Resonance Imaging), ultra sound, nuclear medicine, fluoroscopy, interventional radiology

**Prerequisites**

Anatomy, Physiology and Diagnostics Examinations 1 completed.

**Assessment scale**

Five step scale

**IN00BL68 Medical Nursing: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, student

- understands the importance of the nurse's ethical guidelines and nursing values in his or her work
- understands the importance of evidence-based practice
- explains the emergence of internal and oncological diseases, their symptoms, diagnostics, treatments, and care
- assesses the client's nursing needs in different nursing situations and environments
- deepens his or her expertise in planning, implementing and assessing the treatment of internal medicine and cancer patients and documenting the process

- knows the importance of service guidance in a situation of patients with long-term illnesses and their next of kin or close ones
- carries out nursing interventions
- can apply nutrition and physical activity treatment
- is familiar with the basics of the essential medical treatment of internal medicine and cancer patients
- can provide resource-oriented mentoring for the patient's self-care and lifestyle changes
- understands and pays attention to the importance of close ones and friends at different stages of the patient's disease
- can perform the required drug calculations accurately

**Content**

- evidence-based decision-making process in nursing care and nutrition therapy of internal medicine and cancer patients
- essential medical care and drug calculations
- psychosocial support for the client and next of kin / close ones at different stages of the disease
- ethics and health promotion, the client's active role in self-care
- the most common internal diseases and diagnostics
- documentation
- infection prevention and control
- encountering a terminally ill or dying patient (basics of palliative care)

**Prerequisites**

Nursing Assessment and Interventions, Theory completed.

Nursing Assessment and Interventions, Clinical skills in progress.

Basics of Pharmacological Treatment completed.

**Assessment scale**

Five step scale

**IN00BR58 Internship: Nursing Assessment and Interventions Practice: 10 op****Credits**

10 - 10

**Objectives**

After completing the course, student is able to

- work in accordance with the nursing values, principles and regulations
- act while understanding the limits of their responsibility
- act in professional interactions while respecting the individuality and diversity of the client/patient
- identify client's/patient's nutritional health, daily functional ability and need for nursing care
- help clients/patients maintain their functional abilities and advise them on basic nutrition issues and provide respectful nursing care
- work aseptically correctly according to the infection prevention and control principles
- use essential nursing methods and instruments
- recognize the principles of dialogic interaction

**Content**

- aseptic and Infection prevention and control

- nursing interventions: taking care of hygiene, nutrition therapy, fluid therapy and secretion
- vital functions: monitoring blood pressure, pulse, respiration, temperature, consciousness and blood sugar
- medical treatment: implementing medical treatment and monitoring the effectiveness
- functional ability and nutrition: monitoring daily functional ability and assessing nutritional health
- client-oriented nursing
- structural documentation
- appreciative encounter and dialogic interaction with the client/patient

**Further information**

Possible travel and/ or housing expenses.

**Prerequisites**

- Nursing Assessment and Interventions
- Nursing Assessment and Interventions Clinical skills
- Anatomy, Physiology and Diagnostic Examinations 1
- Basics of Pharmacological Treatment

All above courses must be completed either entirely or adequate parts according to the implementation plan. The Clinical Skills Exam of Nursing Assessment and Intervention course must be completed.

**Assessment scale**

Five step scale

**IN00BL70 Internship: Medical Nursing Practice: 10 op****Credits**

10 - 10

**Objectives**

After completing the course, the student

- understands the importance of the nurse's ethical guidelines and nursing values in his or her work
- understands the importance of evidence based practice
- explains the emergence of internal and oncological diseases, their symptoms, diagnostics and treatments, and care
- can assesses the client's nursing needs in different nursing situations and environments
- deepens his or her expertise in planning, implementing and assessing the treatment of internal medicine and cancer patients and document the process
- knows the importance of service guidance in a situation of a patients with long-term illnesses and their closed ones
- carry out nursing interventions
- can apply nutrition and physical activity treatment
- is familiar with the basics of the essential medical treatment of internal medicine and cancer patient.
- can provide resource-oriented mentoring for the patient's self-care and lifestyle changes
- understands and pays attention to the importance of closed ones and friends at different stages of the patient's disease

- can perform the required drug calculations accurately

**Content**

- evidence based decision-making process in nursing care and nutrition therapy of internal medicine and cancer patients
- essential medical care and drug calculations
- psychosocial support for the client and the closed ones at different stages of the disease
- ethics and health promotion, the client's active role in self-care
- the most common internal diseases and diagnostics
- documentation
- Infection prevention and control
- encountering a terminally ill or dying patient (basics of palliative care)

**Further information**

Possible travel and/or housing expenses.

**Prerequisites**

Nursing Assessment and Interventions theory and Clinical skills courses completed.

Internship: Nursing Assessment and Interventions Practice completed.

Basics of Pharmacological Treatment completed, and one set of drug calculations completed.

Medical Nursing theory in progress.

**Assessment scale**

Five step scale

**IN00BL71 Basics of Pharmacotherapy: 5 op****Credits**

5 - 5

**Objectives**

After competing the course, student

- knows the, medication, indication, contraindication, mechanism of action, the most general adverse reactions and interactions in the treatment of the most common diseases
- can, under supervision, administer medication and fluids by using different routes of administration
- understands the nurse's role in safe administration of medication
- deepens his or her expertise in patient education concerning medication
- can document medical treatment

**Content**

- pharmacotherapy of the most common diseases
- microbial and allergy medicines, analgesics and antipyretics
- electrolyte balance, fluid balance and acid-base balance and their disorders
- parenteral nutrition
- patient guidance in pharmacotherapy

**Assessment scale**

Five step scale

**IN00BL72 Perioperative Nursing: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, student is able to

- be familiar with the surgical patient process
- engage in perioperative nursing in a customer-oriented manner, following the principles of nursing
- provide instructions in accordance with a partially rehabilitative approach, involving the surgical patient and the patient's relatives in the various stages of the perioperative process
- apply evidence-based information in the identification of perioperative patient care needs, as well as in the planning, implementation and evaluation of the treatment
- explain and carry out the examination, observation and maintenance of the vital functions of perioperative patients
- apply the principles of aseptic operation in perioperative nursing and assess the harm caused by aseptic deficiencies
- identify the surgical complication risks related to the general health condition and diseases of a patient and familiar with the nurse's role in promoting patient safety and health
- implement safe medical and fluid treatment on a perioperative patient in a substantiated manner
- faultlessly calculate medical calculations for perioperative care
- assess the importance of multidisciplinary cooperation and recognize the role of different professional groups in perioperative patient care

**Content**

- Patient pre-, intra- and postoperative care
- Drug and fluid therapy, drug calculation
- Multiprofessional cooperation
- Perioperative patient safety
- Surgery and anesthesiology

**Prerequisites**

Nursing Assessment and Interventions, Nursing Assessment and Interventions, Clinical Skills and Basics of Pharmacological Treatment completed.

**Assessment scale**

Five step scale

**IN00BL73 Paediatric and Family Nursing: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, student is able to

- explain the significance of ethical guidelines and legislation related to children's rights and paediatric nursing as well as the significance of child orientation and culture in family nursing
- explain the course and monitoring of pregnancy, delivery and puerperium
- explain the problems caused by the most common childhood diseases and to name the most

common treatments and prevention methods

- describe children's and adolescents' development and the factors influencing that
- apply evidence based information on children's and adolescents' development and the factors influencing that, on nutrition, family nursing, childhood diseases, paediatric and family nursing
- analyse children's and adolescents' health problems and threats as well as to plan children's and adolescents' care in compliance with the nursing process
- give examples of the treatment and rehabilitation of children and adolescents with disabilities
- perform drug calculations needed in children's medical treatment and fluid therapy and to explain safe medical treatment, fluid therapy and medicine dosage
- assess his or her paediatric nursing skills and provide peer assessment in accordance with the assessment criteria

### **Content**

- special features of paediatric and family nursing and related legislation and ethical basis
- maternal and family nursing during pregnancy, delivery and puerperium
- children's and adolescents' growth and development and their influence on the needs of healthy, ill and disabled children and adolescents
- children's, adolescents' nutrition and nutrition care
- family nursing: early interaction, the resources of the family, parents' and siblings' reactions to a child's illness
- cooperation with child protection authorities and parenting support
- children's medical treatment and fluid therapy, medicine dosage and paediatric drug calculations
- assessment of children's and adolescents pain and fear, different pain treatment methods
- play as part of paediatric nursing
- childhood diseases

### **Prerequisites**

Nursing Assessment and Interventions theory and internship, Nursing Assessment and Interventions, Clinical Skills and Basics of Pharmacological Treatment completed. Theory studies of Medical Nursing and Perioperative Nursing must be ongoing according to student's own group curriculum.

### **Assessment scale**

Five step scale

## **IN00BL74 Internship: Perioperative Nursing Practice: 10 op**

### **Credits**

10 - 10

### **Objectives**

After completing the course, student

- works according to the nursing values and principles in perioperative nursing
- applies knowledge in the assessment, planning, implementation and evaluation of a perioperative patient's nursing care
- applies knowledge and mentoring when preparing a patient for surgical treatment and in postoperative monitoring and nursing care
- examines, monitors and maintains a perioperative patient's vital functions

- works according to the principles of infection prevention and control
- has good perioperative nursing skills and can use the required instruments and equipment correctly and safely
- masters safe perioperative medication, fluid therapy and blood transfusion and can perform drug calculations accurately
- guides and mentors the patient and relatives at various stages of the perioperative nursing process
- implements and assesses multi-professional co-operation in perioperative nursing
- is able to assess and develop his or her perioperative nursing skills

**Content**

- pre, intra and postoperative nursing
- patient education, guiding and mentoring relatives
- multidisciplinary team work

**Prerequisites**

Nursing Assessment and Interventions, Nursing Assessment and Interventions - Clinical skills, Basics of Pharmacological Treatment courses completed. Perioperative Nursing course in progress.

**Assessment scale**

Five step scale

**IN00BL75 Mental Health and Substance Abuse Nursing: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, student is able to

- analyze the ethical challenges related to mental health disorders, substance abuse and their care on the basis of relevant literature. Analyze personal views and attitudes as well.
- analyze the significance of ethical instructions and legislation related to mental health and addiction care
- apply culture-related information to mental health and addiction care
- analyze the client's and family's resources
- utilize evidence based information on mental health and addiction care in decision-making and working
- use key nursing interventions, nurse-client relationship and clinical supervision in treatment
- understand and help a client in crisis
- describe the importance of multi-professional team work and networking
- describe the key features of mental health and addiction care services
- perform the related drug calculations accurately
- name the most common mental health disorders in children, adolescents and adults, and their examination and treatment methods

**Content**

- key concepts related to mental health and substance abuse. Aspects of promotion, prevention and care
- ethics in mental health and addiction care
- evidence based nursing interventions in mental health and addiction care

- different crisis and helping methods
- mental health and addiction care services
- the most common mental health and addiction disorders (Psychiatry)
- medication and drug calculations

**Prerequisites**

- Client-oriented Social and Health Care Services
- Nursing Assessment and Interventions
- Nursing Assessment and Interventions, Clinical skills
- Internship: Nursing Assessment and Interventions Practice
- Basics of Pharmacological Treatment
- Medical nursing and related internship
- Anatomy, Physiology Diagnostics Examinations 1 and 2

All above course must be completed.

**Assessment scale**

Five step scale

**IN00BL76 Internship: Paediatric and Family Nursing Practice: 10 op****Credits**

10 - 10

**Objectives**

The student is able to

- apply the ethical guidelines and legislation related to children's rights and paediatric nursing
- consider child orientation and the cultural aspect in his or her nursing work
- apply evidence-based information on children's and adolescents' growth and development, the factors influencing them and on family nursing and childhood diseases
- analyse children's and adolescents' health problems and threats as well as to plan children's and adolescents' care in compliance with the nursing process
- care for children and adolescents and mentor the patient and the family
- perform the required calculations for paediatric medical treatment and fluid therapy and dose the medication and provide medical treatment and fluid therapy safely under guidance
- provide resource-oriented family nursing care
- assess and develop his or her paediatric nursing skills in accordance with the course assessment criteria
- work in teams and assume responsibility for his or her work

**Content**

- play and creativity as part of paediatric nursing (skills workshops)
- children's acute cases and resuscitation of infants and toddlers (skills workshops)
- primary care for new-born babies and infants (skills workshops)
- parenting support (skills workshops)
- special features of paediatric nursing and related legislation and ethical basis
- children's and adolescents' growth and development and their impact on the needs of the children and adolescents

- children's and adolescents' nutrition
- family nursing: parents' and siblings' reactions to a child's illness, the resources of the family
- children's medical treatment and fluid therapy, medicine dosage and paediatric drug calculations
- assessment of children's and adolescents' pain and fear, different pain treatment methods
- play as part of paediatric nursing
- different paediatric nursing practices, resuscitation of an infant and a toddler
- multi-professionalism and team work

**Further information**

Possible travel and/or housing expenses.

**Prerequisites**

Nursing Assessment and Interventions theory and internship, Nursing Assessment and Interventions, Clinical Skills and Basics of Pharmacological Treatment completed. Additionally, two (2) internships must be completed.

Theory course of Paediatric and Family Nursing must be passed apart from the drug calculations. However, student must have participated Paediatric Nursing drug calculation test. Additionally, skill lab workshops of Paediatric and Family Nursing Practice course must be completed.

**Assessment scale**

Five step scale

**IN00BL77 Internship: Mental Health and Substance Abuse Nursing Practice: 10 op****Credits**

10 - 10

**Objectives**

After completing the course, student is able to

- work according to the principles of professional ethics and analyze the importance of attitudes and emotions in mental health and addiction care
- mentor patients, patient groups, family members, fellow students or personnel
- describe the most important collaborators of the internship employer organization and work in a multi-professional team
- utilize evidence based information related to mental health and addiction care in his or her learning
- to promote mental health and sobriety of clients from different cultural backgrounds
- use the essential interventions in mental health and addiction care safely
- implement safe medication practices in mental health and addiction care
- assess his or her own skills and competence in mental health and addiction care
- apply the AVEKKI practice model and motivates to act accordingly in his/her upcoming profession
- interactively prevent and manage threatening and violent incidents in practice

**Content**

- internship in different working environments (e.g. psychiatric wards and outpatient clinics, substance abuse nursing units and child welfare institutions)
- personal learning environment and reflection on learning on the blog
- AVEKKI practice model and its utilization in different working environments.

**Further information**

The internship/clinical practice part of the course can be completed during international exchange. Under certain conditions, Studification of your paid work may be possible. Internship may cause travel and/or housing expenses.

**Prerequisites**

Medical nursing (theory course) completed.

Two internships completed: Nursing Assessment and Interventions Practice and either Medical Nursing or Perioperative Nursing.

Mental health and substance abuse nursing theory course in progress.

**Assessment scale**

Five step scale

**IN00BL78 Gerontological Nursing and Home care Services: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, student is able to

- explain the significance of age-friendly service structures and home-based living
- understand the model of customer and service guidance
- evaluate the functional capacity of the elderly and identify the risk factors
- explain key geriatric diseases based on evidence and master their comprehensive nursing care
- implement nursing care, supporting the self-determination and independence of the elderly in various environments
- utilize technology related to housing, communication, and service support
- implement and evaluate pharmacotherapy, understanding the specific characteristics of medication management for the elderly
- perform medication calculations accurately
- implement nursing care while ensuring functional capacity
- assess nutritional status and provide nutritional care, applying recommendations for the nutritional care of the elderly

**Content**

- socially and economically sustainable elderly care systems and services
- assessment and promotion of health and functional capacity
- the aging process and influencing factors
- memory health and its promotion, as well as memory disorders
- common geriatric diseases and pharmaceutical management
- community-based and interprofessional activities in different environments
- utilizing technology in elderly services
- end-of-life care in different environments

**Prerequisites**

Anatomy, Physiology and Diagnostics Examinations 1, Anatomy, Physiology and Diagnostics Examinations 2, Nursing Assessment and Interventions, Nursing Assessment and Interventions, Clinical Skills, Basics of Pharmacological Treatment, Medical Nursing. Internship: Nursing

Assessment and Interventions Practice completed, Internship: Medical Nursing Practice completed.

**Assessment scale**

Five step scale

**IN00BL79 Internship: Gerontological Nursing and Home Care Services Practice: 10 op****Credits**

10 - 10

**Objectives**

After completing the course, student is able to

- apply evidence-based gerontological nursing and home care skills and competence in a resource-oriented way to working at the client's home and in home-style environments
- consider the importance of diversity, multiculturalism and life history in elderly people's care, guidance and mentoring
- work according to ethical guidelines
- network and advise elderly people and their family members to use appropriate, also digital, social and health care and third sector services
- apply his or her rehabilitative nursing skills and competence when working as a patient's responsible nurse
- explain the significance of multi-professional work in the promotion of functional ability and health
- explain nursing responsibilities and duties in the assessment and administration of safe medication therapy
- assess the effectiveness of the used medicaments, side effects, adverse reactions and drug interactions
- document correctly and use health records in compliance with data protection and data security instructions
- apply and master aseptic and ergonomic working methods in different environments
- apply and develop gerontological skills and competence in different environments, teams
- apply the use of technological solutions in care for the elderly
- guide and support relatives' participation in nursing care respecting the patient's views and resources
- reflect his or her own learning and competence

**Content**

Promoting professional competence through studying in diverse and home-like environments for the elderly.

Interprofessional collaboration.

**Further information**

- possible travel and/or housing expenses
- under certain conditions, Studification of your paid work may be possible.

**Prerequisites**

Home care and gerontological nursing, as well as basics of pharmacotherapy, are in progress.

**Assessment scale**

Five step scale

**IN00BL80 Development of clinical nursing expertise: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, student is able to

- assess the nursing needs of an acutely ill patient and the required interventions
- apply the triage classifications used in nursing assessment
- use the clinical examination methods of different organ systems
- assess the needs for a relative's support or resource-oriented mentoring of an acutely ill patient and a patient with multiple diseases
- assess the need for care of emotionally traumatized patient and guide patient
- differentiate emotional anxiety from serious somatic disorders and treat patient in an acute situation
- work as a nurse in a resuscitation situation, manage and lead resuscitation event
- analyze and interpret the patient's condition using an ECG
- complements clinical knowledge of medication treatment

**Content**

- roles of a nurse in changing services structures and in the third sector
- a nurse as a nursing specialist in an independent nursing practice
- recognition of the disorders of vital functions in different situations
- emergency assessment, triage classifications
- clinical examination of patient
- resuscitation
- ECG interpretation
- assessment of the need for care of emotionally traumatized patient and treatment of severe anxiety in acute situation
- patient-safe intramuscular injection

**Prerequisites**

Medical Nursing, Perioperative Nursing (theory and internship)

**Assessment scale**

Five step scale

**IN00BL25 Internship: Development of Interprofessional Nursing Care: 5 op****Credits**

5 - 5

**Objectives**

After completing the course, student is able to

- work in different operational environments, multidisciplinary work communities and teams as a developer
- ideate, plan, implement and evaluate development activities

- evaluate the importance of multidisciplinary work in the social and health sector
- evaluate their professional skills and receive constructive feedback

**Content**

- multidisciplinary development and project activities in the social and health sector
- development plan preparation, implementation, evaluation and reporting
- reflection of one's own competence and developing feedback

**Prerequisites**

Anatomy, Physiology and Diagnostic Examinations 1 and 2, Nursing Assessment and Interventions, Nursing Assessment and Interventions, Clinical Skills, Internship: Nursing Assessment and Interventions, Basics of Pharmacological Treatment completed.

**Assessment scale**

Five step scale

**IN00BL81 Internship: Developing Nursing Competencies: 10 op****Credits**

10 - 10

**Objectives**

After completing the course, student is be able to

- apply ethical guidelines and legislation in various nursing situations and environments
- work to promote patient safety throughout all stages of the patient care process
- utilize electronic healthcare services as part of comprehensive patient care
- work in a patient-centered manner, taking into consideration the patient's strengths and needs in care and guidance situations, as well as acting as a representative of the patient and nursing in diverse workgroups
- administer common medication routes, provide medication guidance, assess the effectiveness of drugs used in patient care, evaluate medication side effects, adverse reactions, and interactions, and assess the entirety of medication management
- utilize patient information systems and document appropriately according to established guidelines
- make nursing decisions and justify them with reliable evidence-based information
- work in a multidisciplinary team according to their professional role
- assess their professional competence and receive constructive feedback
- have knowledge of preparedness plans for healthcare emergencies and exceptional situations in Finland

**Content**

Internship in various operational environments.

Patient-safe nursing, e-services, pharmacotherapy, emergency health care, contingency plans.

Reflecting on one's own competence and developing feedback in internship.

YleSH (180 ECTS) exam (theory and medicine calculation test).

**Prerequisites**

Mandatory professional studies from previous semesters according to the curriculum must be completed. Gerontological nursing and home care services -theory course must be completed according to the implementation plan. Internship: Gerontological nursing and home care services

must be completed.

**Assessment scale**

Five step scale

**IN25SP-1006 Optional Professional Studies: 20 op****Optionality**

Select according to specific criteria

**Credits**

20 - 20

**Criteria****Optionality description**

At final stage of the studies you choose 20 ECTS of Optional Professional Studies. There are four alternative optional professional studies to choose from, of which only one is conducted in English. The other three optional professional studies are conducted in Finnish. The optional professional studies conducted in Finnish are Acute and Intensive Care Nursing, Mental Health and Substance Abuse Nursing in different environments, and Perioperative Nursing in different environments. Only Clinical Nursing in different environments is conducted in English.

**SA00BJ35 Acute and Critical Care: 10 op****Credits**

10 - 10

**Objectives**

Opintojakson suoritettuaan opiskelija osaa

- selittää peruselintoimintojen häiriöiden syntymekanismit ja tehdä johtopäätöksiä peruselintoimintojen häiriöiden aiheuttamista muutoksista elimistössä
- analysoida ja tulkita eri tietolähteiden avulla saamia tietoja potilaan tilasta
- suunnitella, toteuttaa ja arvioida eri ikäisten akuutisti sairastuneiden potilaiden hoitoa eri hoitoympäristöissä
- selittää akuutissa ja tehohoidossa hoidossa käytettyjen lääkkeiden ja nesteiden vaikutusmekanismit ja turvallisen käytön
- akuutissa ja tehohoidossa tarvittavat lääkelaskut
- arvioida omaisten tuen tarvetta
- soveltaa tutkittua tietoa potilaan hoidossa ja kuntoutumisessa ja kehittää akuutti- ja tehopotilaan hoitotyötä tutkitun tiedon ja suositusten avulla
- toimia moniammatillisessa yhteistyössä akuutisti sairastuneen potilaan hoitoketjussa.

**Content**

- kiireellisen hoidontarpeen arviointi ja triage.
- akuuttipotilaan hoitoketju ja moniammatillinen yhteistyö sairaalan ulkopuolisen ensihoidon kanssa.
- keskeiset eri-ikäisten akuuttihoitotilanteet.
- Ekg:n perustulkinta.
- akuutti ja tehohoidossa käytettävät lääkkeet ja lääkelaskenta.

- eri-ikäisten akuutisti sairastuneiden potilaiden ja omaisten ohjaus.
- kriittisesti sairaan potilaan tunnistaminen ja eettiset periaatteet tehohoidossa.
- tehopotilaan keskeiset valvontamenetelmät.
- keskeiset tehohoitoa vaativat potilasryhmät ja heidän hoitoperiaatteet
- näyttöön perustuvan tiedon käyttö hoitotyössä.

**Further information**

Toteutetaan vain suomen kielellä (Implementation only in Finnish).

Simulaatiot ja taitopajat toteutuvat Kuopiossa.

**Prerequisites**

Perusopinnot ja ammattiopinnot suoritettu lukuun ottamatta opintojaksoa Harjoittelu: Hoitotyön monialainen kehittäminen ja Yleissairaanhoidajan valtakunnallinen koe.

**Assessment scale**

Five step scale

**SA00BM64 Internship: Acute and Critical Care: 10 op****Credits**

10 - 10

**Objectives**

Opintojakson suoritettuaan opiskelija osaa

- soveltaa hoitotyön eettisiä ohjeita ja lainsäädäntöä
- tunnistaa eettisiä ristiriitatilanteita ja tuoda niitä esille rakentavalla tavalla
- toimia moniammatillisessa yhteistyössä akuutisti sairastuneen potilaan hoitotyössä
- selittää peruselintoimintojen häiriöiden syntymekanismia
- tehdä johtopäätöksiä peruselintoimintojen häiriöiden aiheuttamista muutoksista elimistössä.
- analysoida ja tulkita eri tietolähteiden avulla saamia tietoja potilaan tilasta.
- suunnitella, toteuttaa ja arvioida eri-ikäisten akuutisti sairastuneiden potilaiden hoitoa eri hoitoympäristöissä
- käyttää tutkittua tietoa potilaan hoidossa ja kuntoutumisessa
- selittää akuutissa tai tehohoidossa hoidossa käytettyjen lääkkeiden ja nesteiden vaikutusmekanismeja
- annostella lääkkeitä turvallisesti eri antoreittejä käyttäen
- arvioida potilaan ja omaisten tuen tarvetta sekä ohjata heitä
- kuvata ammatillisen vastuunsa potilasturvallisuuden varmistamisessa ja edistämässä
- ottaa vastuunsa hoitotyön laadusta omassa toiminnassaan
- laatia CV:n, infograafin ja video CV:n

**Content**

- Harjoittelu erilaisissa päivystys- ja tehohoidon yksiköissä, esimerkiksi päivystysosastot, päivystyspoliklinikat, akuuttivastaanotot, tehohoito- tai tehovalvontayksiköt.
- Kestävä kehitys.
- Henkilökohtainen oppimisympäristö ja oppimisen reflektio.

**Prerequisites**

Syventävät ammattiopinnot Akuutti ja tehohoitotyö menneillään.

**Assessment scale**

Five step scale

**SA00BJ37 Perioperative Nursing in Different Nursing Contexts: 10 op****Credits**

10 - 10

**Objectives**

Opintojakson suoritettuaan opiskelija osaa

- toimia hoitotyön eettisten periaatteiden mukaisesti huomioiden fyysisen ja psyykkisen potilasturvallisuuden perioperatiivisen hoidon aikana
- soveltaa näyttöön perustuvaa tietoa perioperatiivisen potilaan hoitoprosessin eri vaiheissa
- selittää ja analysoida elintoimintojen tutkimisen, tarkkailun ja ylläpidon intra- ja postoperatiivisen hoidon aikana
- tulkita ja tehdä johtopäätöksiä elintoimintojen muutoksista intra- ja postoperatiivisen hoidon aikana
- suunnitella, toteuttaa ja arvioida eri ikäisten suunniteltuun tai kiireelliseen toimenpiteeseen tulevien potilaiden hoitoa
- toteuttaa ja perustella aseptiset toimintatavat perioperatiivisessa hoitotyössä ja arvioida aseptiikan puutteista johtuvia haittoja
- selittää intraoperatiivisessa hoidossa käytettyjen lääkkeiden ja nesteiden turvallisen käytön, vaikutusmekanismit sekä keskeiset sivu- ja haittavaikutukset
- toteuttaa lääke- ja nestehoitoa potilasturvallisesti
- toteuttaa perioperatiivisen hoitotyön lääkelaskut virheettömästi
- toimia moniammatillisessa yhteistyössä perioperatiivisen potilaan hoidon aikana

**Content**

- anestesiahoitotyö eri erikoisaloilla
- leikkaushoitotyö eri erikoisaloilla

**Prerequisites**

Perusopinnot ja ammattiopinnot suoritettu lukuun ottamatta opintojaksoa Harjoittelu: Hoitotyön monialainen kehittäminen ja Yleissairaanhoidajan valtakunnallinen koe.

**Assessment scale**

Five step scale

**SA00BM65 Internship: Perioperative Nursing in Different Nursing Contexts: 10 op****Credits**

10 - 10

**Objectives**

Opintojakson suoritettuaan opiskelija osaa

- Toimia hoitotyön eettisten periaatteiden mukaisesti huomioiden fyysisen ja psyykkisen potilasturvallisuuden perioperatiivisessa hoitotyössä.
- Toteuttaa ja analysoida keskeisten elintoimintojen tutkimisen, tarkkailun ja ylläpidon

perioperatiivisen hoitotyön aikana.

- Tulkita ja tehdä johtopäätöksiä elintoimintojen muutoksista intra- ja postoperatiivisen vaiheen aikana.
- Suunnitella, toteuttaa ja arvioida eri ikäisten suunniteltuun tai kiireelliseen toimenpiteeseen tulevien potilaiden hoitoa.
- Selittää ja toteuttaa aseptiset toimintatavat ja käytänteet perioperatiivisessa hoitotyössä.
- Soveltaa näyttöön perustuvaa tietoa perioperatiivisen potilaan hoitoprosessin eri vaiheissa.
- Selittää perioperatiivisessa hoidossa käytettyjen keskeisten lääkkeiden ja nesteiden turvallisen käytön, vaikutusmekanismit sekä keskeiset sivu- ja haittavaikutukset.
- Toteuttaa perioperatiivisen potilaan lääke- ja nestehoitoa sujuvasti sekä potilasturvallisesti.
- Toimia monialaisessa yhteistyössä perioperatiivisen potilaan hoidon aikana.

### **Content**

- Harjoittelu perioperatiivisessa toimintayksikössä ja/tai työpaikalla tapahtuva oppiminen intra- ja postoperatiivisessa hoitoyksikössä.
- Kestävä kehitys.
- PLE (henkilökohtainen oppimisympäristö).

### **Prerequisites**

Syventävät ammattiopinnot Perioperatiivisen potilaan hoitotyö eri toimintaympäristöissä meneillään.

## **IN00BL23 Clinical Nursing in Different Nursing Contexts: 10 op**

### **Credits**

10 - 10

### **Objectives**

Student is able to:

- implement the legislations, national and ethical guidelines in health care service system in Finland
- promote patient safety in their nursing
- explain and implement infection prevention and control guidelines and practices in clinical nursing contexts
- plan, implement and assess nursing care for patients in different nursing contexts
- utilize clinical examination methods and tools in the assessment of a patient's condition and apply them in nursing
- explain the pharmacodynamics of most common medications and fluids used in clinical nursing and implement safe medication administration
- apply non-pharmacological interventions in nursing
- plan, implement and assess the resource-oriented mentoring and psychosocial support to the patient and their next of kin
- improve communication and dialogical interaction skills in their professional competence
- analyse and apply evidence-based practice in nursing
- work in multi-professional co-operation in the clinical contexts
- perform drug calculations accurately

### **Content**

- patient's care and care process in surgical wards
- treatment of surgical and chronic wounds

- acute care situations for paediatric patients and their families
- special considerations in Paediatric drug and fluid therapy in acute care situations
- nursing and pharmaceutical care for patients and their families with cardiac, renal, diabetes and cancer
- the mechanisms and treatment of the most common symptoms in palliative care (pain, breath, GI-channel symptoms, ascites, psychiatric symptoms, fatigue, cachexia, skin symptoms)
- methods for supporting palliative care patients and their loved ones (psychosocial, informative, emotional, psychological, mental and spiritual, existential and practical support)
- emergency patient initial assessment and triage (The ABCDE approach, NEWS, ISBAR): Airway and Breathing (airway assessment and management, assessment and care of breathing), Circulation (assessment and interventions of circulation e.g., ECG), Disability (assessment and care of neurological function)
- the care of the most common emergency patients: Respiratory distress, circulatory disorder and chest pain, deteriorated patients, poisoning and intoxication, abdominal pain, shock and sepsis

**Further information**

- The course is conducted in English.

**Prerequisites**

- Basic studies and Obligatory professional studies completed. Except, the Development of interprofessional nursing care –Internship and National Exam (180 cr) can be unfinished.
- Optional professional theoretical studies must be in progress.

**Assessment scale**

Five step scale

**IN00BL24 Internship: Clinical Nursing in Different Nursing Contexts: 10 op****Credits**

10 - 10

**Objectives**

The student is able to:

- implements the legislations, national and ethical guidelines in social and health care service system in Finland into nursing
- promotes patient safety in their nursing
- explains and implements infection prevention and control guidelines and practices in clinical nursing contexts
- Is able to plan, implement and assess nursing care for patients in different nursing contexts
- utilizes clinical examination methods and tools in the assessment of a patient's condition and applies them in nursing
- can explain the pharmacodynamics of most common medications and fluids used in clinical nursing and implement safe medication administration
- can apply non-pharmacological interventions in nursing
- Is able to plan, implement and assess the resource-oriented mentoring and psychosocial support to the patient and their next of kin
- uses communication and dialogical interaction skills in nursing
- analyses and applies evidence-based practice in nursing
- works in interprofessional co-operation in the clinical contexts

- performs drug calculations accurately
- can prepare CV, infographic and video CV

**Content**

- clinical examination and care of the patient
- development of evidence-based nursing in their professional competence
- pharmacological treatment and fluid therapy
- nutrition therapy
- resource-orientated mentoring, and evaluation of the effectiveness
- interprofessional collaboration
- nursing technology
- sustainable development
- PLE (Personal learning environment)

**Further information**

- possible travel and/or housing expenses
- under certain conditions, Studification of your paid work may be possible.

**Prerequisites**

- Optional professional theoretical studies must be in progress.

**Assessment scale**

Five step scale

**SA00BJ39 Mental Health and Substance Abuse Nursing in Different Nursing Contexts: 10 op****Credits**

10 - 10

**Objectives**

Opintojakson suoritettuaan opiskelija osaa

- arvioida mielenterveys- ja päihdeongelmaa kokemuksellisenä ilmiönä elämänsä eri vaiheissa
- analysoida ajankohtaisia mielenterveys- ja päihdehoitotyön ilmiöitä ja trendejä
- käyttää monipuolisesti ja tarpeenmukaisesti mielenterveys- ja päihdehoitotyön arviointi-, ohjaus- ja auttamismenetelmiä
- käyttää erityisiä mielenterveyden edistämisen menetelmiä asiakkaan mielen hyvinvoinnin vahvistamiseksi
- soveltaa näyttöön perustuvaa tietoa mielenterveys- ja päihdehoitotyössä
- arvioida omaa ammatillista osaamistaan ja kehitystarpeitaan
- mielenterveys- ja päihdetyössä käytettävän lääkityksen ja tarvittavat lääkelaskut

**Content**

- mielenterveystyön taidot ja osaaminen
- päihdetyön taidot ja osaaminen

**Further information**

- toteutetaan vain suomen kielellä

- läsnäolovelvoitteinen opetus ilmoitetaan opintojakson alussa

**Prerequisites**

Perusopinnot ja ammattiopinnot suoritettu lukuun ottamatta opintojaksoa Harjoittelu: Hoitotyön monialainen kehittäminen ja Yleissairaanhoidajan valtakunnallinen koe.

**Assessment scale**

Five step scale

**SA00BM66 Internship: Mental Health and Substance Abuse Nursing in Different Nursing Contexts: 10 op****Credits**

10 - 10

**Objectives**

Opintojakson suoritettuaan opiskelija osaa

- arvioida mielenterveys- ja päihdeongelmaa kokemuksellisenä ilmiönä elämänkulun eri vaiheissa
- analysoida ajankohtaisia mielenterveys- ja päihdehoitotyön ilmiöitä ja trendejä
- noudattaa mielenterveys- ja päihdehoitotyötä ohjaavaa lainsäädäntöä ja ohjeita
- tunnistaa eettisiä ristiriitatilanteita ja osaa tuoda niitä esille rakentavalla tavalla
- käyttää monipuolisesti ja tarpeenmukaisesti mielenterveys- ja päihdehoitotyön arviointi-, ohjaus- ja auttamismenetelmiä
- hallita turvallisesti mielenterveys- ja päihdehoitotyössä käytettävien lääkkeiden antotavat ja -menetelmät
- soveltaa näyttöön perustuvaa tietoa mielenterveys- ja päihdehoitotyössä ja kehittää mielenterveys- ja päihdehoitotyötä tutkitun tiedon ja suositusten avulla
- arvioida omaa ammatillista osaamistaan ja kehitystarpeitaan
- laatia CV:n, infograafin ja video CV:n.

**Content**

- Harjoittelu erilaisissa syvntävään harjoitteluun soveltuvissa hoitotyön toimintaympäristöissä (esimerkiksi psykiatriset osastot, poliklinikat ja päihdehoitotyön yksiköt)
- Kestävä kehitys
- Henkilökohtainen oppimisympäristö ja oppimisen reflektio

**Further information**

- toteutetaan vain suomen kielellä (Implementation only in Finnish)
- harjoittelu on mahdollista suorittaa kansainvälisenä vaihtona

**Prerequisites**

Syventävät ammattiopinnot Mielenterveys- ja päihdehoitotyö eri toimintaympäristöissä meneillään.

**Assessment scale**

Five step scale

**THESIS Thesis: 15 op****Duration (years)**

0

**Primary teaching language**

English

**Details****Person in charge**

Jari Linden

**Description****Description**

Thesis Planning (5 ECTS)

Thesis Implementation (5 ECTS)

Thesis Finalisation (5 ECTS)

**Further information**

The student shall acquire the material required for the thesis him/herself. Savonia's thesis reporting instructions.

The student may create an individual yet appropriate timetable for the thesis process.

**Curriculum development and working life cooperation**

The thesis is always working life oriented. It may take the form of a

- a) development work planned and implemented by a student or a group of students to meet the user's or client's needs. Development may focus on a product, service, process, working method, learning material or instruction, digital material, supervised activity etc. The student shall present the plan, its implementation and its evaluated output and the need for further development in a report whose form is suitable for the professional field in question.
- b) research-based thesis, in which a student or a group of student approaches a practical problem or item to be developed with appropriate research methods. The student shall prepare a report describing the planning, implementation and results of the thesis and interpreting the results.
- c) production, in which a student of a group of students demonstrates competence as an expert or as an artist by planning and implementing an event, a seminar, an artistic performance etc. The student shall present the plan, its implementation and its evaluated output in a report whose form is suitable for the professional field in question.
- d) compiled thesis, in which parts planned as a thesis (e.g. projects) are implemented and reported. In the written synthesis, article or other publication, which is part of the thesis, the student shall present the essential results/output in a form that is suitable for the professional field in question.

**Objectives**

Student can

- choose a topic for thesis that is suitable for his or her field and his or her professional development and justify the choice from different perspectives
- plan and implement a working life oriented research and development work based on the needs of the user/client
- apply scientific and evidence-based information in the thesis process and in the development of his

or her expertise

- appropriately use research and development methods or artistic methods that are suitable for his or her professional field and for the topic of the thesis
- prepare a clearly defined, logical and professionally appropriate report on his or her thesis
- evaluate the essential contents, results or output of his or her thesis and justify their significance from the perspectives of his or her field, the client's/user's need and his or her professional development
- evaluate his or her thesis process, its reliability and ethicality as well as his or her professional growth and learning during the work
- cooperate in a flexible manner with players involved in the thesis process and demonstrate his or her expertise
- take the maturity test on his or her thesis.

### **Optionality, prerequisites and offering information**

#### **Optionality**

All compulsory

#### **Prerequisites**

Research methodology studies of the degree programme.

### **THESIS-1001 Thesis: 15 op**

#### **Optionality**

All compulsory

### **XT00BA53 Thesis Planning: 5 op**

#### **Credits**

5 - 5

#### **Objectives**

The student can

- choose a topic that is relevant for the development of both the field of study and his/her own expertise
- motivate his/her topic choice from various viewpoints
- create a thesis topic proposal and complete it into a thesis plan (= work plan)
- work flexibly with other people and parties involved in the thesis process
- present his /her knowledge and skills.

#### **Content**

Selecting a thesis topic and narrowing it down. Writing a thesis topic proposal. Signing a thesis project agreement. Finding a thesis supervisor. Information retrieval and reporting practices. Writing a thesis plan (= work plan) and finding source materials.

#### **Further information**

The student may create an individual yet appropriate timetable for the thesis process.

#### **Prerequisites**

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Research methodology studies of the degree programme.

**Assessment scale**

Five step scale

**XT00BA54 Thesis Implementation: 5 op****Credits**

5 - 5

**Objectives**

The student can

- implement a working-life-oriented research and development project, which meets the needs of a user/client
- apply scientific and evidence-based knowledge to the thesis process in order to increase and develop his/her expertise
- create a report that is concise and logical and meets the professional standards of his/her field of study.
- assess the main contents, results and outcomes of the thesis and discuss their relevance to the field, the needs of a user/the client and the development of his/her expertise
- work flexibly with other people and parties involved in the process and demonstrate his/her expertise

**Content**

- working independently on the thesis
- guidance related to the various phases of the thesis
- the results/outcome of the thesis
- presentation of the thesis in a seminar

**Further information**

The student may set an individual yet appropriate timetable for his/her thesis process.

**Prerequisites**

Research methodology studies of the degree programme.

Course: Thesis Planning (5 ECTS).

**Assessment scale**

Five step scale

**XT00BA55 Thesis Finalisation: 5 op****Credits**

5 - 5

**Objectives**

The student can

- create a report that is concise and logical and meets the professional standards of his/her field of study
- assess the main contents, results and outcomes of the thesis and discuss their relevance to the

field, the needs of a user/the client and the development of his/her expertise

- assess the thesis process, its reliability and ethicalness as well as his/her professional growth and development
- work flexibly with other people and parties involved in the process and demonstrate his/her expertise
- write a maturity test essay on the thesis process.

**Content**

- finalizing the thesis as well as writing and editing the report based on the feedback received in the thesis seminar and from the thesis supervisor
- detection of plagiarism
- submitting the thesis for assessment

**Further information**

The student may set an individual yet appropriate timetable for the thesis process.

**Prerequisites**

Research methodology studies of the degree programme.

Courses: Thesis Planning (5 ECTS) and Thesis Implementation (5 ECTS).

**Assessment scale**

Five step scale

**XT00BA56 Maturity Test: 0 op****Credits**

0 - 0

**Objectives**

The student can

- write the maturity test showing expertise in the field of his/her studies and proficiency in communication and language skills
- discuss the maturity test task/ question in a logical manner, showing professional competence and with relevance to the task
- summarise his/her thesis and focus on the essential concepts, facts and findings
- write a professional text in the appropriate style and without grammar mistakes.

**Content**

Enrolling to and writing the maturity test.

**Further information**

The information on student's maturity test is included in the degree certificate.

**Prerequisites**

Completion of Thesis (15 ECTS)

**Assessment scale**

Five step scale

**IN25SP-1007 Elective Studies: 10 op****Optionality**

Select x cr

**Credits**

10 - 10

**Optionality description**

Elective studies guide and support the development of expertise according to the student's own interests. Students can also choose studies from Savonia's common study units, other degree programs or include university-level studies completed elsewhere in their degree. Students can also expand their skills with the cross-study offer of other higher education institutions (Campus Online).

You can also include courses in Finnish and other foreign languages and entrepreneurial courses in the optional studies. The training periods will also serve an opportunity to develop your entrepreneurial skills.

**IN25SP-1008 : 10 op****Optionality**

Select x cr

**Credits**

10 - 10

**Optionality description**

Elective studies guide and support the development of expertise according to the student's own interests. Students can also choose studies from Savonia's common study units, other degree programs or include university-level studies completed elsewhere in their degree. Students can also expand their skills with the cross-study offer of other higher education institutions (Campus Online).

You can also include courses in Finnish and other foreign languages and entrepreneurial courses in the optional studies. The training periods will also serve an opportunity to develop your entrepreneurial skills.