

CURRICULUM 2020

NURSING DEGREE

DIACONIA UNIVERSITY OF APPLIED SCIENCES

2020

Structure of Studies

STUDY YEAR 1, HEALTH PROMOTION, PATIENT SAFETY AND EVIDENCE BASED CARE		60 CR/OP
SEMESTER 1	Introduction to University studies	5 cr/op
	Professional English	5 cr/op
	Anatomy and Physiology	5 cr
	Medication administration + Patient safety	5 cr/op
	Clinical care I: Basic Clinical Care	5 cr/op
SEMESTER 2	Nursing Finnish	5 cr/op
	Medicine I	5 cr/op
	Evidence based care	5 cr/op
	Clinical practice: Basic care	5 cr/op
	Society and legislation	5 cr/op
SEMESTER 3	Clinical care II: Medical and Surgical care	5 cr/op
	Health Care and Health Promotion	5 cr/op
	STUDY YEAR 2, CLINICAL COMPETENCE AND PROFESSIONALITY	
	60 CR/OP	
	Nursing Swedish	5 cr/op
SEMESTER 4	Clinical care III: Anesthesiology and Intensive Care	5 cr/op
	Nursing Ethics	5 cr/op
	Medicine II	5 cr/op
	Clinical care IV: Home care and Outpatient care	5 cr/op
	Clinical Care V: Care of women and children	5 cr/op
SEMESTER 5	STUDY YEAR 3, RDI AND PROJECT COMPETENCE	
	60 CR/OP	
	Clinical care VI: Crisis, Addiction and Emergency care	5 cr/op
	Clinical care VII: Psychiatric care	5 cr/op
	Clinical practice: Learning & Tutoring in Health care and nursing	10 cr/op
SEMESTER 6	Psychiatric Nursing	10 cr/op
	Leadership and Service Design	5 cr/op
	Theory of Science and Research Methods	10 cr/op
	Thesis work 1	5 cr/op
	Thesis work 2	5 cr/op
SEMESTER 7	Thesis work 3	5 cr/op
	STUDY YEAR 4, DEEPENED NURSING COMPETENCE	
	30 CR/OP /10 CR/OP THEORY + 20 CR/OP PRACTICAL	
	Extension studies	10 cr/op
	Extension studies practical training	20 cr/op

NURSING DEGREE

CURRICULUM 2020

Based on caring and nursing science, the curriculum includes multidisciplinary elements from natural sciences (such as anatomy and physiology, medicine and pharmacology) as well as social and behavioral sciences.

The studies are conducted in close co-operation with working life through, for example, projects carried out both individually and in groups. Extension studies enable you to deepen your expertise development in the specialty area of nursing. You can combine both theoretical and practical aspects in areas such as child, adolescent and family nursing or polyclinical care.

THE NURSING DEGREE PROGRAMME INCLUDES FOUR THEMATIC FIELDS:

- Health Promotion, Patient Safety and Evidence-based Care 60 cr
- Clinical Competence and Professionality 60 cr
- Research, Development, Innovation (RDI) and Project Competence 60 cr
- Deepened Nursing Competence 30 cr

Competency aims:

- To enable the student to study purposefully, responsibly and successfully and lay the foundations for building their career.

Learning outcomes:

The student is expected to

Learning competencies

- To have a realistic understanding of their own higher education learning and the importance of lifelong learning
- To know about different tools, methods and study activities that support target-oriented learning
- To understand the importance of collaboration for better learning
- To be familiar with studies and reflect upon the study objectives
- To be familiar with the profession and gain insights into the knowledge, skills and attitudes required

Digital literacy

- To understand the importance of developing digital competency and information competency
- To acquire the skills to independently solve issues concerning digital information, communication and content creation
- To master the most basic digital tools and functions in order to be able to study, communicate and create digital content

Global competencies

- To be open minded and see the strength of cultural diversity
- Ethical competency
- To integrate the ethical principles of good scientific practice into one's studies

Communicative and social competence

- To be able to share insights with others and argue for one's own opinions
- To use the writing guide in written work

Course content:

Part 1 (2 ECTS) University Studies of Today

- Group tutorials with a tutoring teacher
- Orientation in studies with the Study Counsellor
- Language support and the mapping of language qualifications
- Content and the goal for one's own studies
- Multicultural studies

Part 2 (3 ECTS) Digital Literacies (an online course)

- 1. Digital literacies
- 2. Content creation
- 3. Information literacy
- 4. Communication and collaboration

Competency aims:

The student

- Is familiar with society and understands the public and economic connections within the profession in the public and private sector
- Can describe possibilities to influence the public, explain how working life is organised and be aware of the legislation that
- underlies the labour market

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- Is familiar with the Nordic welfare model as a value base
- Is familiar with their own field of employment and sees the possibilities to be an entrepreneur

Learning outcomes:

The student is expected to

- Be able to describe the structure of the society and the legislation and other regulations that form the base on which society is organised
- Be familiar with the legislation that is essential for the profession
- Realise the value of multi-professional co-operation.
- Be able to distinguish and put into practice the most relevant legislation within the field of labour legislation
- Be able to describe the structure of society according to existing legislation and be able to identify his or her own possibilities to influence society
- Be able to discuss the meaning of the Nordic welfare state according to their own profession
- Be able to describe the welfare services that local authorities must offer based on existing legislation.

ANA0005N20S ANATOMY AND PHYSIOLOGY**5 CR***Competency aims:*

The aim of the course is

- To create an understanding of the structure of the human body and its healthy functioning
- To understand the chemical background and the functions of the human body

Learning outcomes

The student is expected to

- Be able to describe the structure of the human body and name the organs in English and in scientific terms
- Be able to understand and describe the functions of the different organ systems; the musculoskeletal system, the circulatory system, the respiratory system, the digestive system, the urinary system, the reproductive system, the endocrine organs, the
- nervous system and the sense organs

Course content:

- Anatomy and physiology: the structure and function of the healthy human body.

MEA0005N20S MEDICATION ADMINISTRATION AND PATIENT SAFETY**5 CR***Competency aims:*

The student

- Has basic knowledge in administering medication and calculation and is able to safely administer medication to the patient.
- Has basic knowledge of patient safety and knows the most common patient safety theories.

Learning outcomes:

The student is expected to

Medication administration

- See the administering of medication as part of patient care, involving knowledge in ethics, law, anatomy, physiology and chemistry, pharmacology and mathematics

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- Know the different methods of administering medicine and the types of medication and understand how they affect the patient
 - Know the different steps in the medication process, acknowledging the importance of being part of the development of this process
 - Know what safe pharmacotherapy is, what good practice in medication administration is and how these are linked to patient safety
 - Be aware of the responsibility involved in the administering of medication and knows how to act according to current regulations
 - Master the terminology used in pharmacotherapy and the dosage calculations needed to ensure patient safety
 - Be able to meet the special needs of ageing patients and guide them in questions concerning their medication
 - Be aware of the importance of creating a culture promoting patient safety
- Patient safety
- Be able to explain the terms used in patient safety
 - Be able to give examples of the most common patient safety theories
 - Understand how risks can be prevented and limited
 - Understand how human factors can affect work and how one can manage work by working in teams to improve patient safety
- Course content:
- Administering medication
 - Pharmacology
 - Medication calculation
 - Online course in patient safety

CLI1005N20S

CLINICAL CARE I: BASIC CLINICAL CARE

5 CR

Competency aims:

The main aim of this course is that the student will become

- Aware of their professional identity and acquire a base of both the theoretical knowledge and the practical skills required when working in culturally diverse, clinical settings.

Learning outcomes:

The student is expected to

- Have basic theoretical knowledge and practical skills in basic nursing
- Demonstrate the competencies and knowledge required to overcome a patient's own obstacles and thus provide good health and identify the patient's health resources
- Under supervision, be increasingly able to plan, implement and evaluate holistic care within the clinical setting that includes caring for patients from different cultures and religions
- Work toward and contribute to a climate that is internationally permissive
- Demonstrate competence in infection control and can operate aseptically
- Implement basic clinical care activities.

Course content:

- Central issues in basic nursing within the clinical context, including:
- Basic care
- Palliative care
- Systematic documentation and reporting
- Aseptic work and infection control
- Administering medication

FIN0005N20S NURSING FINNISH**5 CR***Competency aims:*

The aim of the course is to give the student

- Knowledge of the Finnish language on level B1.2 and
- How to use it in everyday situations and
- How to improve language skills independently

Learning outcomes:

The student is expected to

- Speak on level B1.2 in CEFR
- Cope in routine situations when speaking Finnish, e.g. present themselves and ask about patient health
- Improve their knowledge of the nursing terminology and the Finnish language independently
- Write short notes and recognise many of the words used in, e.g. health care forms
- Form sentences and questions in the present and past tense
- Use the correct tense both orally and in writing
- Understand essential information in texts, such as fairly simple instructions and short reports (reading comprehension)
- Understand words and expressions in normal speech (listening comprehension).

Course content:

- Finnish sentence structure, pronunciation and vocabulary
- Texts and dialogues
- Computer aided exercises on all the sections mentioned above
- A main focus on nursing interaction and material.

MED1005N20S MEDICINE I**5 CR***Competency aims:*

- In this course the pathophysiology of human diseases is applied in the clinical context.

Learning outcomes:

The student is expected to

- Discuss aetiology, signs and symptoms, complications and the prognoses of the most common medical diseases.
- Identify appropriate diagnostic examinations for the most common medical diseases
- Explain treatment alternatives, their mechanisms, including risk, side-effects and prognoses
- Use the metacognitive cycle to assess their learning experience

Course content:

- In this course learners are exposed to central issues relating to clinical physiology

Competency aims:

The student

- Has the basic knowledge to produce caring and nursing scientific thinking and implement evidence-based practice
- Understands the aim of the caring and nursing scientific area of knowledge and is able to make their value base visible
- Understands different caring and nursing theories and models
- Manages a basic scientific language in speech and writing

Learning outcomes:

The student is expected to

- Apply the basis for evidence-based care in different caring and nursing contexts
- Understand the core theory and be able to argue for its importance in caring and nursing
- Understand and apply principles and values from professional ethics as a base for producing safe and secure patient care.
- Understand the importance of theories and models as a base for caring and nursing
- Understand and use scientific language.

Course content:

- The basis of nursing science
- Evidence-based care
- Caring ethics
- Nursing theories and models

Competency aims:

- The main aim of this course is to give the student practical experience in performing basic care duties.

Learning outcomes:

The student is expected to

- Begin to integrate knowledge from different sciences and courses, such as anatomy and physiology, pharmacology, microbiology, pathology, clinical care as well as nursing sciences
- Begin to understand the importance of communication during care
- Follow directions and carry out tasks assigned by their supervisor
- Begin to become familiar with the duties of a staff nurse
- Understand the meaning of aseptic conduct and be able to operate aseptically
- Improve the patient's well-being by creating a caring relationship
- Provide basic care for the patient
- Assist in providing for the needs of patients during palliative care
- Treat the patient respectfully and as an individual
- Be aware of their own level of competence and
- seek guidance when knowledge and skills are lacking
- Begin to apply nursing values, ideas and ethics in the healthcare setting

ENG0005N20S PROFESSIONAL ENGLISH**5 CR***Competency aims:*

The aim of the course is to

- Equip students with the academic writing skills needed to succeed in writing their thesis.
- Further develop both written and spoken professional communication skills.

Learning outcomes:

The student is expected to

Reading

- Be able to understand, interpret and explain both the terminology and content related to the field without major difficulty.

Listening

- To display an ability to understand complex spoken language on matters regularly encountered at work.

Speaking

- Be able to participate confidently in customer service interaction in English.
- Have enhanced their ability to participate in social communication in a professional setting.
- Have enhanced their ability to participate in discussions on more complex topics.
- Be able to prepare and deliver a presentation of professional interest by means of the effective use of IT tools, e.g. PowerPoint.

Writing

- Demonstrate the ability to produce effective key professional documents, including reports, work applications and CVs.
- Be able to correctly structure a written academic report and apply the principles of academic writing.
- Be able to write in stylistically appropriate and grammatically correct English.
- Be able to incorporate source material and correctly cite sources in a text by means of a list of references.
- Be able to apply the guidelines provided in the Thesis Guide in order to produce a technically well-presented and well-structured written project (thesis).

Course content:

- Social contact
- Discussions
- Your place of work
- Work ethics
- Presentations
- Writing techniques (language and style)
- Citing sources and listing references
- Current articles related to nursing

CLI2005N20S CLINICAL CARE II: MEDICAL AND SURGICAL CARE**5 CR***Competency aims:*

- Contribute to increasing the competency of the student's clinical nursing.
- Increase competency in the medical and surgical context and consolidate their medical competence.
- Provide theoretical knowledge and practical skills in medical-surgical nursing

Learning outcomes:

The student is expected to

- Assess and observe changes in a patient's state of health in a medical-surgical situation by using the ABCDE mnemonic tool
- Establish a caring relationship with the patient and relatives
- Demonstrate practical skills in medical and surgical nursing
- Utilise the perioperative process when caring for a patient
- Practice caring science in the clinical context
- Give an oral report using the ISBAR mnemonic tool

Course content:

- Central issues related to medical and surgical nursing

HEA0005N20S HEALTH CARE AND HEALTH PROMOTION

5 CR

Competency aims:

The student

- Develops an understanding of the concepts of health and health promotion within a scientific framework
- Identifies both resources and challenges for health promotion in individuals when working as a nurse.
- Has an understanding of health as a resource and the importance of health promotion on both an individual and societal level.
- Acquires skills in first aid

Learning outcomes:

The student is expected to

- Understand, describe and use the basic concepts found within the scientific framework of health and health promotion, e.g., health, illness, salutogenesis, pathogenesis, health determinants, health assets, disease panorama, curative, preventive and promotive care, quality of life
- Understand and identify health determinants across the human lifecycle
- Understand and identify health promotion actions for different age groups
- Give examples of methods and actions promoting health
- Explain health as a process in the context of increasing individual wellbeing and involvement
- Describe the population's health in relation to gender and socio-economic status.
- Assess and act appropriately in accidents, have the knowledge to act correctly in cases of illness, have knowledge of cardiopulmonary resuscitation and the use of a defibrillator.

Course content:

- Health and caring medical care, planning and organisation
- Public Health, content and methods
- Health care for different ages
- Health promotion
- First aid

Competency aims:

- The aim of the course is to give the student basic knowledge of the Swedish language and how to use it in everyday situations.

Learning outcomes:

The student is expected to

- Cope in routine everyday situations (orally, simple instructions, greetings)
- Be acquainted with the Swedish alphabet and pronunciation
- Write very simple messages, for example fill out personal data on a form
- Form simple sentences and questions in the present tense both orally and in writing
- Understand the essential information in very simple texts, as statements about someone (reading comprehension)
- Understand words and expressions when the interlocutor is speaking very slowly

Course content:

- Basic structures of Swedish, pronunciation and vocabulary
- Texts and dialogues
- Focus is on nursing interactions

Competency aims:

The student

- Continues to develop her/his competence in contextual clinical care.
- Continues to deepen competence in the assessment and care of patients suffering from a critical condition within the context of an intensive care unit or an operating theatre including anaesthesia.

Learning outcomes:

The student is expected to

- Discuss and participate during contact days in the simulation and skills development centre.
- Theme: main principles, responsibility of the professional nurse when caring for clients in the critical care unit or an operating room setting including anaesthesia.

Course content:

- An introduction to intensive care nursing. (2cr)
- An introduction to anaesthesia (nursing) (2cr)
- An introduction to being a surgical scrub nurse and a circulating nurse in the operating theatre (1cr)

Competency aims:

The aim of the course is that students have

- Knowledge of history and trends in caring, care work and nursing and caring science
- Knowledge of healthcare ethics
- Ability to reflect on the dilemmas of care based on various ethical choices and decisions

Learning outcomes:

The student is expected to

- To have an understanding of the history of ideas that lie behind health and care work, as well as of the patterns of idea that have influenced nursing and caring science at different times and in different contexts
- To understand the use of methodology and source criticism when researching the history of ideas
- To reflect on the fundamental values of caring
- To increase awareness of their own inner ethics

Course content:

- History of ideas behind caring, care work and nursing and caring science by selected classical and contemporary thinkers
- History of ideas methodology and source criticism
- Caring ethics: the basic categories of caritative ethics – a nurse's code of ethics
- Ethical theories; external and internal ethics as well as responsibility

MED2005N20S MEDICINE II**5 CR***Competency aims:*

- This course serves to deepen theoretical knowledge in the pathophysiology of human diseases as applied in the clinical context, focusing on patient safety.
- It also functions as a base for succeeding courses in clinical nursing.

Learning outcomes:

The student is expected to

- Discuss the aetiology, signs and symptoms, complications and prognoses of the most common diseases
- Identify appropriate diagnostic examinations
- Explain the treatment alternatives and their mechanisms, including risk, side-effects and prognoses
- Use the metacognitive cycle to assess their learning experience

Course content:

- In this course learners are exposed to the central Issues related to clinical physiology in different contexts.

CLI4005N20S CLINICAL CARE IV: HOME CARE AND OUTPATIENT CARE**5 CR***Competency aims:*

The student

- Understands the meaning and methods of health promotion and prevention within the field of home care and outpatient care.
- Gains a deeper understanding of elderly patients and patients from different cultures. The student gains insight into the collaboration between hospital care and outpatient care and learns to see care from many points of view.
- Learns to collaborate with different professional groups in a client-centred way.

Learning outcomes:

At the end of the course the student is

- Expected to be able to plan, carry out and evaluate home visits independently and, as a part of a multi-professional team, make a care plan for the client
- Able to understand a client's health resources and is able to develop his/her health prevention and promotion thinking.
- Familiar with care assessment over the phone and knows the meaning and purpose of phone counselling. The student can consider special issues concerning clients from foreign cultures. →

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- Familiar with special needs regarding older clients, including administering medication, nutrition and rehabilitation.
 - Familiar with the normal ageing process and can identify variations from normal ageing.
 - Familiar with different types of eHealth solutions as part of outpatient care.

Course content:

- Home care
- Gerontology
- Geriatrics
- Outpatient care
- Teamwork
- Rehabilitation
- Nutrition
- Administering medication
- Vaccination competence
- Simulation

CLI5005N20S

CLINICAL CARE V: CARE OF WOMEN AND CHILDREN

5 CR

Competency aims:

The aim of the course is to give

- Basic knowledge related to children's and women's health during the various stages of their lifecycle
- Basic understanding of female and family care
- Support to the well-being of families.

Learning outcomes:

The student is expected to

- Demonstrate basic competencies in contextual-, clinical-, and medical care in paediatric, gynaecological and maternity care.
- Recognise and discuss the most common gynaecological diseases, their prevention and care.
- Explain the main themes related to a child's normal development cycle.
- Display knowledge of basic paediatric care: being able to recognise and communicate the most common diseases during childhood and adolescence.
- Identify factors related to normal pregnancy, childbirth and child care.
- Guide patients and families regarding reproductive health
- Be able to delineate aspects related to family-centred care

Course content:

Paediatric Care 2 cr

- The child as a patient, special aspects related to paediatric care (medication, age/level of maturity)
- pain and anxiety
- basic and surgical paediatric care
- circulation, digestion, neurology

Care of Women 2 cr

- Women as patients
- Most common gynaecological problems and diseases and their impact on women and their families
- Basics of reproductive health
- Knowledge of common contraceptives
- Knowledge of normal pregnancy, delivery and postpartum care.

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→	1 cr	<ul style="list-style-type: none"> • Extension studies in gynaecological care OR paediatric care (more information will be given at the course introduction)
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PRA2015N20S**CLINICAL PRACTICE:
INTERNAL MEDICINE AND SURGICAL CARE****15 CR***Competency aims:*

The student

- Has the competence to take care of a patient's basic needs
- Has developed their competence in order to care for internal medicine patients and surgical patients

Learning outcomes:

General for every practical training, students:

- Understand the documentation and the importance of continuity of patient care
- Use different health care recommendations and manuals in support of their activities and learning
- Develop their ethics and can identify, analyse and reflect on ethical problems
- Have basic skills to relate to the patient's basic care area, such as patient personal hygiene, nutritional supply or condition and the observation of the patient's vital life functions
- Understand the importance of patient and drug safety

Internal medicine

- Understand the role of the nurse in multi-professional cooperation in the care of internal medicine patients
- Understand the meaning of drug treatment for patients with internal medical diseases
- Know how to care for patients undergoing parenteral fluid and drug treatment
- Understand the nature of internal medicine care and form an overall picture of care process
- Can, according to a patient's health and symptoms, choose and perform appropriate care activities
- Understand the importance of patient guidance and practice to handle it in different situations

Surgical care

- Understand the role of the nurse in professional cooperation during the care of surgical patients
- Can implement a surgical patient's basic care
- Know the main drug groups and their use in the care of surgical patients
- Can judge the condition of a patient, both clinically and with the help of observations instruments
- Understand the actions that are being taken on a ward, be able to prepare for interventions and assist in them
- Understand the care and prevention of pain and nausea with medical and non-medical methods
- Can guide and inform the patient before, during and after surgery

Course content:

- Practical training according the instructions given

Competency aims:

The student

- Can apply previous knowledge in health care and research when encountering clients of different cultural backgrounds and ages in a home care environment.
- Be familiar with the administrative work within home care and outpatient care.
- Be familiar with patient-centred care and documentations.

Learning outcomes:

The student is expected to

- Be familiar with home care as a working field
- Know who the most relevant collaborators are within home care and know which occupational groups are part of the home care team
- Participate in home care staff meetings and see the connection between administrative work and the practical field work
- Practise skills that are of relevance for the nurse/public health nurse in home care and outpatient care
- Be able to vary their way of work depending on the client's age and cultural background
- Plan, carry out and evaluate a home care visit, prioritise the need for care, estimate and document the need for nutrition, hygiene, mobility and need for pharmaceuticals
- Be able to carry out a home visit independently

LEARNING OUTCOMES FOR OUTPATIENT CARE

Theoretical competence:

- Integrate knowledge from different sciences and courses such as anatomy, physiology, pharmacology, microbiology, pathology, internal medicine, surgery as well as nursing sciences and apply this knowledge in open care units.
- Apply the knowledge to form a comprehensive picture of the care process in open care.
- Understand what resources are available to health professionals when caring for patients with the need for care in an open care situation. Understand the importance of health promotion in open care and a client's individual possibilities and obstacles to maintaining their own health
- Understand the importance of communication during care both in multi-professional teams and between the client and caregiver.
- Understand the difference between hospital and open care and be aware of the means of how to co-operate between organisations.

Competence to act in practical situations:

- Possess basic nursing care skills needed in open care.
- Apply the treatment process, for example, to observe, assess, analyse, plan and implement needed care in open care.
- Meet the patient's underlying problems, needs and desires, and increasingly see the patient's whole care picture.
- Be able to administer medication used in open care and can give guidance on medical use to clients.
- Can document care regarding a client's condition as it is done in the unit.

Ethical competence:

- Be aware of their own level of competence and seek guidance when knowledge and skills are lacking.
- Follow the ethical guidelines for care.



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- Understand the importance of confidentiality.
 - Understand the importance of ethics in cooperation between staff and client and family members.

LEA0005N20S LEADERSHIP AND SERVICE DESIGN**5 CR***Competency aims:*

The student

- Is able to work proactively and inter-professionally in a health care setting that aims to plan the patient/client care by utilising digital solutions – readiness and ability
- Has competence and understands the principals of a customer-oriented service design and is ready to lead the team work – competence and understanding
- Is able to work for open, well-being and ethically sustainable health care settings – evaluation ability and attitudes

Learning outcomes:

The student is expected to

- Identify, explain and act on trends and their effects on working life in health care settings resulting from using digital solutions – e-health
- Present various theories related to changes in working life and identify their own possibilities to impact on well-being in a health care setting.
- Plan and implement service design in which the client's participation is made possible and respected constantly.
- Work multi-professionally and be aware of the development possibilities in service design that are ethically sustainable.
- Plan and evaluate a smaller project in which teamwork is central.

Course content:

- Service design
- E-health (service design)
- Teamwork and collaboration
- Management of change
- Ethics at working life

CLI6005N20S **CLINICAL CARE VI: CRISIS,
ADDICTION AND EMERGENCY CARE**

5 CR

Competency aims:

The aim of the course is to

- Contribute to developing the student's competence in caring for patients suffering from different kinds of crises, dependencies, drug abuse and basic mental problems.
- The student develops their competence in contextual clinical care. The student forms their competence in the assessment and care of a patient who needs emergency care.

Learning outcomes:

The student is expected to

- Identify, to encounter and to take care of a patient's crisis and abuse problems.
- Recognises and is able to encounter mental aspects in caring.
- Understand the principles of receiving a patient in the emergency room.
- Know the basics for in-hospital advanced resuscitation.

Course content:

- Different types of crisis:
- crisis care
- crisis service
- different types of abuse problems
- basic knowledge of mental health care
- introduction to emergency care
- caring for and assessing patients with acute emergencies in the emergency room
- multi-professional teamwork
- the chain of care: pre-hospital care - care on the emergency ward
- administering medication

CLI7005N20S **CLINICAL CARE VII: PSYCHIATRIC CARE**

5 CR

Competency aims:

- The aim of the course is to develop and increase knowledge in psychiatric nursing and care and the course provides students with opportunities to develop their knowledge and practical competence in psychiatric nursing care.

Learning outcomes:

The student is expected to

- Be able to realise the significance of the care relationship and to consciously use their abilities for the benefit of the patient and their relatives.
- Be able to analyse the limitations and resources in their knowledge and to use supervision as support. The student will be able to reflect on the significance of ethical principles and to apply them in psychiatric care
- Understand the significance of promotive, preventive and rehabilitative mental health work.

Course content:

- Tradition and science in psychiatric care
- The nurse in psychiatric care
- Dimensions of mental health
- Aspects of a caring relationship
- Ethics in psychiatric nursing care
- Group processes
- Aspects of preventive and rehabilitative care

Competency aims:

- To understand the meaning of the concept of knowledge, different forms of knowledge and different traditions for knowledge building.
- To understand the relationship between the perspectives of knowledge in different disciplines or interdisciplinary areas
- To have basic knowledge of the research process and of various research methods, especially about methods that have particular relevance to their own profession.
- To apply scientific literature to one's own work, as well as reference material in their own knowledge development.
- To have developed the skills and knowledge to enable participation in work-related projects and thereby contribute to knowledge development.

Learning outcomes:

The student is expected to

- Read, understand and be able to critically review scientific literature.
- Assign forms of knowledge to different types of thesis.
- Search, manage, and critically evaluate academic articles and research in one's own professional field.
- Know and understand the basic concepts related to quantitative and qualitative data as well as how and when they can be used.
- Know and understand the concept design, data collection and methods of analysis that generate both quantitative and/or qualitative data, and their relevance in the field of research and the development of working life within one's own profession.
- Apply relevant methods in the thesis.
- Have mastered the basics of collecting quantitative data, can use a statistics program for data analysis and have mastered the grounds for interpreting results and reporting findings in the form of descriptive statistics.
- Apply suitable collection and analysis methods for qualitative data, and account for results.
- Have developed an exploratory approach in order to be able to contribute to knowledge development to their own professional field.
- Report and critically argue in writing and have mastered the techniques for referencing citations.
- Apply principles of professional ethics and research ethics in their studies.

Course content:

- The research process
- Theory of science
- Literature reviews and their importance
- Designs in qualitative and quantitative research
- Participation oriented designs
- Questionnaires, interviews and observation studies
- Systematic literature studies
- Standardised measurement methods in the profile areas of health care
- Content analysis
- Research ethics
- Information retrieval and analysis
- Critical review of scientific articles, reports and essays
- Statistics

RESEARCH, DEVELOPMENT, INNOVATION (RDI) AND PROJECT COMPETENCE

THE1005N20S THESIS WORK: PART 1

5 CR

Competency aims:

The goal is that students

- Develop their ability to identify relevant problem areas and areas for development within the profession
- Develop their ability in distinguishing the need for development and can delineate the area to a manageable whole.

Learning outcomes:

The student is expected to

- Be able to independently search for relevant background information to the problem area.
- Use previous knowledge to identify the need for knowledge in the chosen field.
- Formulate a distinct problem and a clear purpose as the basis for a future thesis.

Course content:

- Create an idea for a thesis.
- Presentation of an idea to a small group.

THE2005N20S THESIS WORK: PART 2

5 CR

Competency aims:

The student

- Develops their ability to identify a relevant design for their thesis work.
- Identifies the type of data and data collection methods that can be used for finding the answer to a problem

Learning outcomes:

The student is expected to

- Choose a suitable design for thesis work
- Identify suitable samples
- Choose a suitable data collection method
- Choose a suitable analysis method
- Reflect on the ethical issues of the work

Course content:

- Group supervision
- Writing and presenting a thesis plan
- Participation in thesis plan seminars
- Participating in at least 4 thesis presentations

THE3005N20S THESIS WORK: PART 3

5 CR

Competency aims:

The student

- Conducts a smaller study in a structured and methodologically correct way
- Develops their ability to write scientifically and clearly and critically review and evaluate a thesis work

Learning outcomes:

The student is expected to

- Argue for his/her data gathering and method of analysis
- Critically discuss and evaluate their work, comparing it to earlier research in the field
- Present the result in a seminar
- Function as an opponent to another thesis during a thesis presentation

Course content:

- Tutoring, data gathering, analysis, reporting and being an opponent

**PRA4010N20S CLINICAL PRACTICE:
LEARNING AND TUTORING IN HEALTH CARE AND NURSING 10 CR**

Competency aims:

The student

- Develops competence in delivering teaching and education, using appropriate pedagogical approaches.
- Is able to generate individual plans that are appropriate for various client groups.

Learning outcomes:

The student is expected to

- Identify and discuss ethical and pedagogical issues relating to education
- Is be able to plan, implement and evaluate client education from various perspectives and in co-operation with other nursing professionals.
- Utilise the appropriate approach and pedagogical methods according to the needs of the client – patient or group
- Use various materials for client education and also develop new materials.
- Assess their own skills and knowledge and comprehend the consequences of their own actions
- Coordinate patient care as a whole and according to the context

Course content:

- Pedagogic and teaching perspective
- Discussion methods and counselling methods
- Planning, implementing and evaluating the process for client education situations during the different phases of the learning process
- Education of the client or patient
- Evaluation of the client education process

**PRA5010N20S CLINICAL PRACTICE:
PSYCHIATRIC NURSING 10 CR**

Competency aims:

- The aim of the course is to develop the student's clinical competence to improve their knowledge about and capacity to act in the context of mental health care.

Learning outcomes:

The student is expected to

Theoretical competence:

- Know the structure of psychiatric health care system
- Have knowledge of mental health and disturbances in mental health

Competence to act in practical situations:

- Understand the special aspects of the processes in mental health care and have the capacity to apply this
- Identify, meet and take care of patients suffering from different kinds of mental problems and illnesses
- Participate in the planning, realising and the evaluation of patient care, furthermore has capacity to create an individual plan for patient care
- Understand the meaning of a caring relationship, furthermore has the capacity to use the self to promote patient mental health

RESEARCH, DEVELOPMENT, INNOVATION (RDI) AND PROJECT COMPETENCE

Ethical competence:

- Apply ethical principles in a psychiatric context
- Be aware of their own capacities and limits and use counselling as a professional tool for self-development
- Understand variations in the phenomena of closeness and distance in psychiatric care

Course content:

- Theoretical studies in psychiatric care
- Theoretical and practical studies from study year 1 and 2.
- Medical calculation exam must be valid according to instructions.

The student will choose 30 credits with which to deepen their nursing competence (10 cr theory + 20 cr clinical practice)

EXT0030N20S

EXTENSION STUDIES

30 CR

- Can be chosen from other universities or university of applied sciences, but the studies need to be approved by the University of Applied Sciences that the student is at.
- Or, studies can be chosen from the courses offered
 - » by Arcada University of Applied Sciences:
 - Advanced Care: Polyclinic Care
 - Projects in Working Life
 - Clinical practice: extension studies practical training
 - » by Diaconia University of Applied Sciences:
 - Child, adolescent and family nursing, advanced studies:
 - » Health Promotion in Chronic Illness with Children, Adolescents and Families
 - » Specificities of Clinical Care for Children and Adolescents
 - » Family Nursing Approaches in the Care of Children, Adolescents and Families
 - » Clinical Nursing with Children, Adolescents and Families: Advanced Clinical Placement

EXT1010N20S

Advances Care: Polyclinical Care

10 cr

Competency aims:

- During this course, the student develops both theoretical and practical competencies that support advanced contextual expertise in the field of emergency ward nursing.

Learning outcomes:

At the end of the course the student is expected to

- Discuss and participate during contact days in the simulation/skill development centre.
- Theme: main principles, responsibility of the professional nurse when caring for clients in the emergency room setting. (Additional learning objectives can be found for each module on the learning platform.)

Course content:

This course utilises systematic patient assessment (triage) to determine the level of care and appropriate action in a variety of situations using ABCDE and NEWS mnemonic methods. Components include:

- Basic teamwork and communication skills in the ER
- Rapid recognition and proper response for acute respiratory emergencies
- Securing an airway and maintaining oxygenation for acutely ill patients
- Care of the patient suffering a cardiac emergency
- EKG interpretation and the care of patients with arrhythmia
- Care of the patient experiencing a cardiac emergency
- Care of the patient with a hypovolemic emergency
- Care of the patient experiencing neurological impairment in the emergency dept.
- Care of the unconscious patient or patients suffering from impairments, partial consciousness and seizures
- Care of patients with acute infection or sepsis
- Emergency care for patients suffering from gastrointestinal issues. (poison, → toxic substances)

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- Care of the patient needing surgical intervention in the emergency department.
 - Care of the patient requiring medical intervention in the emergency department. (Endocrinology)
 - Emergency care for the trauma patient
 - Care of the critically ill patient via the emergency ward
 - Care of the paediatric patient in the emergency ward
 - Care of the geriatric patient in the emergency ward
 - Care of the mentally impaired patient in the emergency ward

EXT2010N20S Projects in Working Life 10 cr

Competency aims:

The student

- Performs a concrete development assignment in working life within his or her own field of competence, either as a less independent project or as part of a major ongoing project.
- Deepens his or her knowledge in research methodology, project methodology and project management.

Learning outcomes:

At the end of the course the student is expected to

- Be able to apply project methods to develop their own profession.

EXT3020N20S Clinical Practice: Extension Studies Practical Training 20 cr

Competency aims:

- The aim of the course is deepen the knowledge the student has gained during theoretical studies and previous practical training.

Learning outcomes:

At the end of the practical training the student is expected to be able to

- Understand different aspects of nursing and actively use all knowledge gained about nursing
- Understand the need and methods for health promotion, rehabilitative care and leadership to promote health in different nursing contexts.
- Plan and put into practice the care of the patient or client in different nursing contexts.
- Document nursing care in the way their unit demands.

Course content:

- The practical training is 10 weeks long. The working hours for the practical training are 38 hours per week and 2 hours of self-study per week.

CHI0030A20S CHILD, ADOLESCENT AND FAMILY NURSING: ADVANCED STUDIES 30 CR

CHI0105A20S Health Promotion in Chronic Illness affecting Children, Adolescents and Families 5 cr

Learning outcomes:

The student

- Apply scientific knowledge of family nursing in the nursing care, health promotion and family support of children and adolescents with chronic conditions
- Identify common national and international challenges and societal changes in health promotion and chronic disease management with children and adolescents
- Assess the effectiveness of solution-focused and multidisciplinary family support and nursing →

- *Course content:*
- Support and advise families using services provided by NGOs, church organisations and low-threshold programmes
 - Scientific approaches to family support and nursing
 - Key factors of social exclusion and deprivation
 - Multidisciplinary networks, child protection, family support and nursing, expertise due to experience
 - Internal and external family structures and dynamics
 - Evidence-based health promotion
 - Resources for supporting the growth, development and health of children and adolescents
 - Service systems and NGOs

CHI0205A20S Specificities of Clinical Care for Children and Adolescents 5 cr

Learning outcomes:

The student

- Identify and analyse the specificities of clinical care for children and adolescents
- Take into account cultural factors and family diversity in the planning and implementation of clinical nursing care
- Identify and propose development opportunities in nursing care for children, adolescents and families
- Analyse, apply and evaluate national and international evidence-based research resources on the specificities of clinical care for children and adolescents

Course content:

- Specificities of clinical care for children and adolescents
- Diversity and cultural backgrounds in the nursing care of children, adolescents and families
- Development challenges of children, adolescents and families
- Evidence-based research on the nursing care of children, adolescents and families

CHI0305A20S Family Nursing Approaches in the Care of Children, Adolescents and Families 5 cr

Learning outcomes:

The student

- Plan and evaluate family nursing approaches and practices
- Identify and plan action in the context of special issues family nursing care
- Assess the impacts of practices and approaches in family support and the care service system
- Propose development opportunities in family nursing
- Analyse, apply and evaluate national and international evidence-based research on family nursing

Course content:

- Family nursing methods and processes
- Specificities of family nursing
- Family nursing practices and service systems
- Development challenges in family nursing
- Evidence-based research on family nursing

CHI0420A20S**Clinical Nursing with Children,
Adolescents and Families: Advanced Clinical Placement****20 cr***Learning outcomes:*

At the end of the practical training the student is expected to

- Plan, deliver and evaluate evidence-based clinical nursing with children and adolescents according to ethical and economic principles
- Discuss challenges and potential health and wellbeing risks related to the promotion of the health of children and families
- Work in various family nursing settings in compliance with ethical and professional standards, the values of family nursing, children's rights, privacy legislation and applicable regulations
- Develop professional competencies in dealing with families from different and individual backgrounds and in different, individual life stages and settings
- Anticipate, identify and analyse factors that can promote family inclusion or exclusion and support and guide families in using multiple services
- Independently administer prescribed medical care under supervision
- Be able to use technological applications and analyse ethical principles related to using technology in the care of clients and patients
- Perform professional nursing roles in multi-sectoral and multidisciplinary practice

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