The objective of a nurse’s professional work is to support the health-related resources of the individual, the family and the community, as well as to meet the needs of nursing and health care. This work includes the promotion and support of health and the prevention and cure of diseases. It also includes rehabilitation.

In assisting and guiding the patient, nurses need managerial and developmental skills. They are required to act as experts and coordinators in multiprofessional work groups. As health care professionals nurses are not only responsible for the provision of nursing, but also for health care in general. Nurses act according to the values and principles prevailing in health care and in accordance with the national and international regulations and ethics.
The purpose of the degree programme is to provide the nurses with an information base which embraces both nursing science and other disciplines. This will enable them to act flexibly in the changing work environments of primary health care and specialized nursing sectors.

The approach of the degree programme is based on client-orientedness, reflectivity, critical thinking, social awareness and a scientific, investigative approach to work.

The degree programme aims at equipping nurses with the extensive professional knowledge client-orientedness requires.

| Core studies | 10 ects |
| Professional studies | 178 ects |
| Bachelor's thesis | 15 ects |
| Elective studies | 7 ects |
| Total | 210 ects |

<table>
<thead>
<tr>
<th>CORE STUDIES 10 ECTS</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
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<tbody>
<tr>
<td>Learning and Professional Growth 5 ECTS</td>
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<tr>
<td>Orientation to Politechnic Studies 2 ECTS</td>
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<td>Information Studies 3 ECTS</td>
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<td>Communication Skills 5 ECTS</td>
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<td>Written Communication 2 ECTS</td>
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<td>Negotiation and Conference 1 ECTS</td>
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<tr>
<td>Professional Communication 2 ECTS</td>
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| PROFESSIONAL STUDIES 178 ECTS | | | | |
| English 6 ECTS | 3 | 2 | 1 | |
| Natural Sciences 9 ECTS | 3 | 6 | | |
| Social and Behavioural Sciences 6 ECTS | 3 | 3 | | |

| Compulsory studies 157 ECTS | | | | |
| Philosophical, Theoretical and Practical Basics of Nursing 31 ECTS | 31 | | | |
| Medical Nursing 12 ECTS | 5 | 7 | | |
| Surgical Nursing 12 ECTS | 5 | 7 | | |
| Preoperative Nursing 8 ECTS | | 8 | | |
| Mental Health 12 ECTS | | | 12 | |
| Public Health 16 ECTS | 8 | 8 | | |
| Paediatric Nursing 12 ECTS | | 12 | | |
| Woman's Health 5 ECTS | 5 | | | |
| Elderly Care 7 ECTS | 7 | | | |
| Administration, Entrepreneurship and Development of Nursing 13 ECTS | | 7 | 6 | |
| Basics of Research 5 ECTS | 3 | 2 | | |
| Advanced Professional Studies 24 ECTS | | 12 | 12 | |
| G910 BACHELOR'S THESIS 15 ECTS | 8 | 7 | | |
| ELECTIVE STUDIES 7 ECTS | 1 | 4 | 2 | |
| TOTAL | 60 | 60 | 60 | 30 |
CORE STUDIES 15 ECTS

G038-5 ANATOMY AND PHYSIOLOGY 2 ECTS

Lecturer
Ms Kirsi Litmanen

Objectives
Students learn the structure and main functions of organs and systems. They are able to use the knowledge in practical work.

Course content
- The structure and function of the skin
- Blood
- Vital functions: structure and function of the cardiovascular and respiratory system
- Fluid balance
- Thermoregulation

Teaching and learning strategies
Lectures

Assessment
Written, graded examinations

Teaching language
English

Prerequisite
None

Year of study
First academic year, autumn semester

Literature

G040-5 MICROBIOLOGY 1,5 ECTS

Lecturer
Ms Kirsi Litmanen

Objectives
Students learn microbe reproduction and life cycles, the most common pathogenic microbes, and infectious diseases. They know the function of the human immune system.
Course content
- Microbe reproduction and life cycles
- Introduction to the most common infectious diseases and how to identify them
- Clinical immunology

Teaching and learning strategies
Lectures

Assessment
Written, graded examination

Teaching language
English

Prerequisite
None

Year of study
First academic year, spring semester

Literature
To be agreed.

G041-5 NUTRITION 1,5 ECTS

Lecturer
Ms Pirkko Kivinen

Objectives
Students learn to understand nutrition as a science. They perceive the significance of nutrition in the health sector. Students know the basics of nutritional physiology as well as the differences in nutrition among different population groups.

Course content
- Nutrition research and the nature of nutritional knowledge
- The basics of nutritional physiology
- Nutrition in different population groups, nutritional recommendations

Teaching and learning strategies
Lectures
Written assignments
Presentations

Assessment
Written, graded examination

Teaching language
English

Prerequisite
None

Year of study
First academic year, spring term

Literature
To be agreed

G042-5 PEDAGOGICS 1,5 ECTS

Lecturer
Ms Anna-Mari Äimälä

Objectives
The students are able to use both theoretical and practical knowledge with human growth and development. They outline pedagogics as a science in the scientific field. Students conceive lifelong learning as a part of their professional growth.

Course content
- Learning, human growth and education
- Human being as a learner and different learning styles; problem-based learning
- Professional growth and moral development
- Life-long learning; from novice to expert
- Self-evaluation
- Pedagogics, training and education policy as measures of support for education

Teaching and learning strategies
Lectures
Seminars
Discussions

Assessment
Graded, written assignment and presentation

Teaching language
English

Prerequisite
None

Year of study
First academic year, autumn semester

Literature
To be agreed

G043-5 PSYCHOLOGY 1,5 ECTS

Lecturer
Ms Annamarja Ollikainen-Autosaaari

Objectives
Students learn the basic concepts, theories and the information retrieval methods of psychology. They know the structure, function and development of the human psyche and persona based on empirical information.

Course content
- The methodological foundation of psychological information
- Cognitive processes
- Motivation, emotions, personality
- The interaction between people and their environment
- The application areas in psychology

**Teaching and learning strategies**
- Lectures
- Discussions

**Assessment**
- Written, graded examination

**Teaching language**
- English

**Prerequisite**
- None

**Year of study**
- First academic year, spring term

**Literature**
- To be agreed

**G044-5 SOCIOLOGY 1,5 ECTS**

**Lecturer**
- Ms Marja Halme

**Objectives**
The students know the sociological perspective in social and health care issues. They know the structures of society, social institutes and institution and understand how humans are associated with and within these systems. Students learn the influence of social factors and changes on human behaviour and functional capability as well as their connection to health and sickness. Students know sociology as a science.

**Course content**
- Introduction to sociology as a social science
- Review of sociology from classic sociology to contemporary sociological research
- Sociological perspective with respect to social and health care issues
- Structures and institutions of society as factors influencing human activity and behaviour
- Modern society from a sociological perspective

**Teaching and learning strategies**
- Lectures
- Written assignments
- Discussions

**Assessment**
- Written, graded examination / assignment

**Year of study**
- Second academic year, autumn semester

**Literature**
- To be agreed

**G045-5 SOCIAL POLITICS 1,5 ECTS**

**Lecturer**
- Ms Marja Halme

**Objectives**
Students know the connection between changes in social policy and changes in society. They know the social security system in order to assist the client/patient in taking advantage of the social services and they are able to explain to the client its various benefits. Students know the influence economic issues have on the social and health care sector.

**Course content**
- Social policy as a concept, science, discipline, and its realization
- The social security system
- Economic issues in the social and health care sector
- European welfare states and different approaches to well being, equality and the origin and prevention of social problems
- Current sociopolitical research and debate.

**Teaching and learning strategies**
- Lectures
- Discussions
- Assignments
- Presentations

**Assessment**
- Written, graded examination / assignment

**Teaching language**
- English

**Prerequisite**
- None

**Year of study**
- Second academic year, autumn semester

**Literature**
- To be agreed.

**G30-5 ENGLISH 6 ECTS**

**G225-5 THE PHILOSECTSHICAL, THEOETICAL AND PRACTICAL BASICS OF NURSING 31 ECTS**

**Name of lecturers**
- Ms K. And, Ms P. Salokangas, Ms R.Kokko, Ms P. Sokka
Type of course
Compulsory

Level of course
Professional studies

Objectives of the course
Students view nursing as a profession and are able to use the professional skills and proficiency necessary to work with clients from different age groups. Students apply nursing research as well as other supportive sciences in their studies. Students use empirical, ethical, and aesthetic information. During the course, the students become aware of the functions of both healthy and ill patients. They acquire the basic knowledge and skills necessary to promote the health and well-being of any given patient. Students learn how to perform routine medical examinations concerning the vital functions and also learn when to refer the client/patient elsewhere. Students know the responsibility taken by the nurse for the patient’s medical treatment, and they are able to dispense medication. The students have the measure of knowledge and skills needed for sound decision-making. They gain competence in observation skills, in the collection of information, in documentation and in analyzing and interpreting information. During the course, the students gain experience in using the nursing process. In the course of their studies, students become aware of the importance of nursing values and the cooperative relationship between the nurse and client/patient. Students monitor their learning process and have the measure developing themselves in their profession and professional growth. Students are capable of adapting their knowledge in nursing during their supervised clinical training.

Course contents
G225A-5 Professional approach and ethics 2 ECTS
G225B-5 Activities of daily living 7 ECTS
G225C-5 Pharmacology in nursing 3 ECTS
G225D-5 Holistic care 1.5 ECTS
G225E-5 Supervised clinical training 7.5 ECTS
G225F-5 Supervised orientation studies 6 ECTS
G225G-5 Clinical examinations 1.5 ECTS
G225H-5 First Aid 1.5 ECTS
G225I-5 Maintaining work and working capacity 1 ECTS

Teaching methods
Lectures
Independent studies
Pair work, group work
Written assignments
Presentations
Demonstrations
Practicing nursing skills
Reflective diary
Virtual teaching
Supervised clinical training

Assessment methods
Written, graded examinations
Approved practical examinations
Approved clinical training

Prerequisites
None

Required reading
Graham Rumbold: Ethics in Nursing Practice. Latest edition

Year of study
First year

Semester
Autumn and spring

Language of instruction
English

G212-5 MEDICAL NURSING 12 ECTS

Name of lecturers
Ms R. Kokko, Mr J. Pitkänen

Type of course
Compulsory

Level of course
Professional studies

Objectives of the course
Students know the unique significance of the changes caused by internal diseases for adult patients and their families. They gain experience in helping and supporting individuals and their next-of-kin in order to promote health and well-being. Students are able to observe vital functions, to carry out pharmacological treatments and to manage patient's individual care. During the course, students enforce their skills to educate, guide and support the patient in developing self-care skills. Students know the basics of physiotherapy and occupational therapy in the nursing of medical patients. Students are capable of adapting their knowledge in nursing during their supervised clinical training.

Course contents
G212A-5 Medical nursing, 1.87 ECTS
G212B-5 Internal medicine, 0.75 ECTS
G212C-5 Pharmacology, 1.5 ECTS
G212D-5 Physiotherapy, 0.38 ECTS
G212E–5 Supervised clinical training, 7.5 ECTS

Teaching methods
Lectures
Independent studies
Presentations
Written assignments
Reflective diary
Supervised clinical training

Assessment methods
Written, graded examinations
Approved clinical training

Prerequisite
G225 must be completed before Medical - Surgical clinical training

Required reading

Year of study
Second year

Semester
Autumn

Language of instruction
English

G217-5 SURGICAL NURSING 12 ECTS

Name of lecturer
Ms P. Salokangas

Type of course
Compulsory

Level of course
Professional studies

Objectives of the course
Students view the nature of surgical nursing. Students become aware of the most important functional disorders caused by surgical diseases / injuries / procedures and of the problems they cause to adult patients. They are able to establish a constructive nursing relationship with the patient. Students are capable of helping and supporting individuals and their families to improve their health and well being. They know the basics of physiotherapy and occupational therapy in surgical nursing. They master the essential clinical nursing methods and are capable of adapting their theoretical knowledge in surgical nursing, surgery and pharmacology during their supervised clinical training.

Course contents
G217A-5 Surgical nursing, 1.87 ECTS
G217B-5 Surgery, 0.75 ECTS
G217C-5 Physiotherapy, 0.37 ECTS
G217D-5 Supervised clinical training, 7.5 ECTS

Teaching methods
Lectures
Independent studies
Practicing nursing skills
Presentations
Written assignments
Reflective diary
Supervised clinical training

Assessment methods
Written, graded examinations
Approved clinical training

Prerequisite
G225-5

Required reading
Suzanne C. Smeltzer - Brenda G. Bare: Brunner - Suddarth's Medical-Surgical Nursing. Latest edition

Year of study
Second year

Semester
Autumn

Language of instruction
English

G218-5 PERIOPERATIVE NURSING 8 ECTS

Name of lecturers
Ms K. Vähämaa, Mr P. Erola

Type of course
Compulsory

Level of course
Professional studies

Objectives of the course
Students have the measure of the basic concepts of perioperative nursing, including preoperative, intraoperative, and postoperative care. Students know how to carry out the examinations involved with perioperative nursing. Students are able to perform basic methods like surgical hand washing, gowning and gloving as well as draping the patient. They know how to handle the instruments and they know the main principles of assisting the surgeon. Students know the phases of different types of anesthesia, and are able to observe the patient during anesthetic procedures. They know the anesthetic agents as well as the used equipment. Students are able to maintain documentation.

Year of study
Second year

Semester
Autumn

Language of instruction
English
They have the knowledge of patient education needed in day surgery. Students are capable of adapting their knowledge in perioperative nursing during their supervised clinical training.

**Course contents**
- G218A-5 Perioperative nursing, 2 ECTS
- G218B-5 Supervised clinical training, 4.5 ECTS
- G218C-5 Anesthesiology, 0.75 ECTS
- G218D-5 Physical equipment, 0.75 ECTS

**Teaching methods**
- Lectures
- Independent studies
- Seminars
- Practising nursing skills
- Supervised clinical training

**Assessment methods**
- Written, graded examinations
- Approved clinical training

**Prerequisite**
G225-5

**Required reading**
- Suzanne C. Smeltzer - Brenda G. Bare: Brunner - Suddarth's Medical- Surgical Nursing. Latest edition
- Cahill et al: Day Surgery, 1997
- Hodge: Day Surgery. A Nursing Approach
- Dobson 2000: Anesthesia at the District Hospital.

**Year of study**
Third year

**Semester**
Autumn

**Language of instruction**
English

**G219-5 MENTAL HEALTH 12 ECTS**

**Name of lecturers**
Ms P. Linnainmaa, Ms N. Kilkku

**Type of course**
Compulsory

**Level of course**
Professional studies

**Objectives of the course**
Students know the legislation and organization of mental health and social welfare services as well as the health care and health promotion for people suffering from mental problems, and substance abuse. Students know Peplau’s model and they understand the concepts in mental health. Students learn in the nurse – patient relationship the significance of therapeutic milieu and communication. Students understand mental health as an experience of an individual and the theoretical bases of nursing actions. They recognize the effects of mental health problems and substance abuse problems for adults, their families and significant others. Students learn to manage people experiencing depression, drinking problems, delusions, and hallucinations. Students learn to use teamwork and network in a multiprofessional work group. They learn interventions used in acute care, crisis, in community care as well as in rehabilitation for long-term mental patients. Students develop their professional skills in different fields of psychiatric nursing by using reflection, and recognizing their own values and personal attitudes. Students understand the importance of preceptorship and learn to use it as a part of professional nursing. Students are fit for practice in multiprofessional teams and multicultural context.

**Course contents**
- G219A-5 Mental health, 2.25 ECTS
- G219B-5 Supervised clinical training, 6 ECTS
- G219C-5 Supervised orientation studies, 1.5 ECTS
- G219D-5 Psychiatry and pharmacology, 0.75 ECTS
- G219E-5 Clinical psychology, 0.75 ECTS
- G219F-5 Social welfare, 0.75 ECTS

**Teaching methods**
- Lectures
- Group discussions
- Demonstrations
- Case work (video)
- Small group work
- Independent studies
- Supervised orientation practice
- Reflective journal
- Supervised clinical training

**Assessment methods**
- Written, graded examinations
- Written assignments
- Approved clinical training

**Prerequisites**
G225-5

**Required reading**

**Year of study**
Third year

**Semester**
Autumn

**Language of instruction**
English
G220-5 PUBLIC HEALTH 16 ECTS

Name of lecturers
Ms R. Kokko, Ms S. Timgren

Type of course
Compulsory

Level of course
Professional studies

Objectives of the course
Students know the basic legislation, which guides the social welfare and health care service system. They acquire basic knowledge of the impact of the EU on social welfare and health care services. Students learn to identify factors that affect the well-being and health of man and environment. Students know the development, shortcomings, and financing of the social welfare and health care systems and their responding to the needs of the client’s at municipal level. Students acquire a multidimensional impression of our environment, and they learn the legislation governing it. They learn the factors that influence the environment and people’s health. Students are capable of taking advantage of the environment without abusing it. They learn about global environmental issues including manmade, social and cultural aspects. Students learn the basic concepts of public health science. They know the most common endemic diseases and their epidemiology, origin and risk factors. They learn the main features of health policy. Students learn the factors contributing to the well-being of adults in working age in different phases of their lives like: work, unemployment, family and work-related health care problems. They learn the supportive methods like occupational health care, labor protection in health care provided for adults of working age. Students know the prevention of work-related diseases, the significance of early diagnosis and rehabilitation. Students know the activities that maintain the ability to work, the significance of the work environment and community on the well being of adults of working age. Students are aware of the domains that teaching and learning process includes when planning and carrying out health promotion and guidance. They acquire experience on health promotion and counseling by applying their pedagogical knowledge in the context. Students are fit for practice in multiprofessional teams in different fields of health care and social services.

Course contents
G220A-5 Introduction to social welfare and health care, 3 ECTS
G220B-5 Supervised clinical training 1, 3 ECTS
G220C-5 Health, individuals and their environment, 1.5 ECTS
G220D-5 Introduction to public health science, 1.5 ECTS
G220E-5 Health care for adults, 2.5 ECTS
G220F-5 Health promotion, 1.5 ECTS
G220G Supervised clinical training 2, 3 ECTS

Teaching methods
Lectures
Discussion
Written assignments
Presentations
Poster presentation
Working with www-material
Study visits
Group and project work
Supervised clinical trainings

Assessment methods
Written, graded examinations
Graded presentations
Approved poster presentation
Approved clinical trainings

Prerequisites
G225-5

Required reading
Health Care in Finland, Ministry of Social Affairs and Health. Latest publication.
Public Health report Finland. Ministry of Social Affairs and Health. EDITA.
http://www.vn.fi/STM
Third Evaluation of Progress to World’s Health for All; Finland. Ministry of Social Affairs and Health, 1998/2. Helsinki Finland.

Year study
Second year

Semester
Spring

Language of instruction
English

G221 PAEDIATRIC NURSING 12 ECTS

Name of lecturers
Ms M. Hillman, Ms Iiris Rautiainen, Ms S. Stovik-Sydänmaa

Type of course
Compulsory
Level of course
Professional studies

Objectives of the course
Students learn the significance of holistic health care and nursing for children, adolescents and their families. They know the normal growth and development of children and adolescents, as well as the possible disorders in these processes. Students learn to support children, adolescents and their families in different situations like sudden or chronic illness, disablement and rehabilitation. They learn to support children, adolescents and their families in daily self care, in the existence and quest of self-realization, sexuality, and birth control. Students recognize the ethical issues related to the death of a child or an adolescent. Students become aware of the influence health care, social services, and voluntary organizations have on the health and well being of children, adolescents and their families. Students learn the most common diseases related to children, their treatments and pharmacology. Students are capable of adapting their theoretical knowledge in multicultural child health care, and pediatric nursing during their supervised clinical training in a multiprofessional team.

Course contents
G221A-5 Child health care 2.75 ECTS
G221B-5 Supervised clinical training 1, 1.5 ECTS
G221C-5 Pediatric nursing, 2.5 ECTS
G221D-5 Supervised clinical training 2, 4.5 ECTS
G221E-5 Pediatrics, 0.75 ECTS

Teaching methods
Lectures
Practicing nursing skills
Supervised clinical training

Assessment methods
Written, graded examinations
Approved clinical trainings

Prerequisites
G225-5

Required reading
The Health Education Authority, Great Britain: Birth to Five. Latest edition.
Erja Muurinen & Tuula Surakka: Lasten ja nuoren hoitotyö, 2001
Olli Simell: Neuvolakirja. Orion Yhtymä

Year of study
Second year

Semester
Spring

Language of instruction
English

G222-5 WOMAN’S HEALTH 5 ECTS

Name of lecturer
Ms A-M Äimälä

Type of course
Compulsory

Level of course
Professional studies

Objectives of the course
Students become aware of the health care of women during their life span; adolescence, reproductive phase and menopause. Students have the knowledge to support the pregnant woman and the whole family during the phases of the pregnancy. Students become aware of the process growing up to be a parent and a family based on theory, research and practice. Students know the phases of delivery, and the postnatal care of the mother as well as the care of the newborn. Students are able to support people experiencing childlessness and miscarriage. Students become aware of the nursing of gynecological patients undergoing examinations, surgery and different treatments. Students know the prevention and the nursing of infections, cancer and sexually transmitted diseases and their significance for the well-being for a woman. Students recognize the ethical issues related to maternal care and gynecological nursing. Students are fit for practice in multiprofessional teams.

Course contents
G222A-5 Maternity care, 1.5 ECTS
G222B-5 Gynecological nursing, 2 ECTS
G222C-5 Supervised clinical training, 1.5 ECTS

Teaching methods
Lectures
Seminars
Study visits
Independent studies
Supervised clinical training

Assessment methods
Written, graded examinations
Approved clinical training

Prerequisites
G225-5

Required reading
Ellis Quinn Youngkin & Marcia Szmania Davis: Women’s Health, A Primary Care Clinical Guide

Year of study
Second year

Semester
Autumn and spring

Language of instruction
English
G223-5 ELDERLY CARE 7 ECTS

Name of lecturers
Ms K. And, Ms R. Kokko

Type of course
Compulsory

Level of course
Professional studies

Objectives of the course
Students become aware of future challenges connected with safeguarding the well being of the ageing population. Students are able to use their skills in encountering and assisting the elderly and their next-of-kin during the physical, psychological and social aging process. Students are capable of working in a multiprofessional team in different health care settings for senior citizens. Students are capable of adapting their theoretical knowledge in elderly care, gerontology, geriatrics and pharmacology during their supervised clinical training.

Course contents
G223A-5 Elderly care, 1.75 ECTS
G223B-5 Gerontology and geriatrics, 0.75 ECTS
G223C-5 Supervised clinical training, 4.5 ECTS

Teaching methods
Lectures
Presentations

Independent studies
Supervised clinical training

Assessment methods
Written examinations
Reflective diary
Approved clinical training

Prerequisites
G225-5, G212-5 and G217-5

Required reading

Year of study
Second year

Semester
Spring

Language of instruction
English

G226-5 ADMINISTRATION, ENTREPRENEURSHIP AND THE DEVELOPMENTMENT OF NURSING 13 ECTS

Name of lecturers
Ms K. And, Ms R. Kokko, Ms P. Salokangas, Ms S. Timgren

Type of course
Compulsory

Level of course
Professional studies

Objectives of the course
Students know the organization of hospital district administration as a part of the social welfare and health care system and the legislation governing the system as well as the role of the municipalities. They identify the productivity, cost-effectiveness and impact of health care services. Students become aware of high-quality and cost-effective work from the perspective of the users/providers of the services. They outline labor policy as a part of nursing. Students know the significance of patient-oriented service; organization and they are able to adapt the patient's rights and status in nursing. Students learn to use different methods when evaluating and improving the quality of nursing. They are able to use research in the development of practice, leadership and supervision of nursing. Students learn about the history of nursing and nursing science research in Finland as well as in other countries. Students recognize the ethical issues related to terminal care and decision-making in nursing. They are able to act as experts in multiprofessional work groups during their clinical trainings.

Course contents
G226A-5 Administration, 3 ECTS
G226B-5 Development of nursing, 3 ECTS
G226C-5 Supervised clinical training 1, 3 ECTS
G226D-5 Supervised clinical training 2, 3 ECTS

Teaching methods
Lectures
Independent studies
Written assignments
Presentations
Study visits
Supervised clinical trainings

Assessment methods
Written, graded examinations
Approved presentations
Approved clinical trainings

Prerequisites
All other courses in Professional Studies must be completed

Required reading
To be agreed
**Year of study**
Third and fourth year

**Semester**
Spring, autumn

**Language of instruction**
English

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**G227-5 BASICS OF RESEARCH 5 ECTS**

**Name of lecturers**
Ms R. Kokko

**Type of course**
Compulsory

**Level of course**
Professional studies

**Objectives of the course**
Students become aware with nursing science, the development of nursing science and its importance with respect to health care work. They learn the key concepts of nursing science and they learn to apply critical thinking in their professional growth. Students become aware of scientific research process and they know how to use and benefit from research information. They learn to use information retrieval method, and they are aware of research ethics. Students learn different research approaches; quantitative and qualitative. Students recognize the role of research in the development of their profession. Students learn the basic statistical concepts, and they learn to produce and display statistical data graphically. They learn to calculate and interpret parameters

**Course contents**
G035-5 Introduction to nursing science, 1.5 ECTS
YE004-5 Basics of research, 2 ECTS
YE006-5 Introduction to statistics, 1.5 ECTS

**Teaching methods**
Lectures
Discussions
Independent studies
Assignments
Pair work

**Assessment methods**
Written, graded examinations
Graded presentations

**Teaching language**
English

**Prerequisite**
YE003, YE005

**Required reading**

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**Pearson, A & Vaughan, B: Nursing models for Practice. Latest edition**

**Marriner-Tomey, A: Nursing Theorists and Their Work. Latest edition.**

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**Year of study**
First, second, third

**Semester**
Spring, autumn

**Language of instruction**
English

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**G216-5 MEDICAL- SURGICAL NURSING 24 ECTS**

**Name of lecturer**
Ms. R.Kokko, Ms K. And, Ms P. Salokangas

**Type of course**
Compulsory

**Level of course**
Professional studies

**Objectives of the course**
Students outline their expertise on medical - surgical nursing area. They are able to apply their theoretical knowledge to individualized holistic care of medical- surgical patients. Students know the principles of primary nursing care, the quality assessment and development of medical - surgical nursing. They adopt a research-oriented approach towards nursing. Students recognize the objectives of nursing including health promotion, prevention of diseases and alleviation of symptoms. Students learn to manage crisis caused by acute or chronic illnesses and injuries. They learn to support the patient and their significant others in self-care during the rehabilitation phase. Students are able to provide support to the patient and the family members during terminal care and when death approaches. Students are fit for practice in multiprofessional work groups as well as in multicultural environments.

**Course contents**
G216A-5 Surgical nursing, 4.5 ECTS
G216B-5 Supervised surgical training, 7.5 ECTS
G216C-5 Medical nursing, 4.5 ECTS
G216D-5 Supervised medical training, 7.5 ECTS

**Teaching methods**
Lectures
Independent studies
Presentations
Pair / group work
Written assignments
Reflective journals
Supervised medical-surgical trainings
Assessment methods
Written, graded examinations
Approved clinical trainings

Prerequisites
Other courses in Professional Studies

Required reading
Suzanne C. Smeltzer - Brenda G. Bare: Brunner-Suddarth's Medical-Surgical Nursing

Year of study
Third and fourth

Semester
Spring, autumn

Language of instruction
English

ELECTIVE STUDIES 7 ECTS
G910-5 BACHELOR’S THESIS 15 ECTS

Name of lecturers
Ms R. Kokko, Ms P. Stenfors, Ms Elina Kujala

Type of course
Compulsory

Level of course
Bachelor’s thesis

Objectives of the course
Students demonstrate their professional maturity and their adoption of progressive and research-oriented approach towards work and its development.

Course contents
G910A-5 Orientation to bachelor's thesis process, method studies 4.5 ECTS
G910B-5 Bachelor's thesis planning seminar, 1.5 ECTS
G910C-5 Bachelor's thesis process part 1, 3 ECTS
G910D-5 Bachelor's thesis process part 2, 3 ECTS
G910E-5 Bachelor's thesis seminars, 3 ECTS

Teaching methods
Lectures
Discussions
Independent studies
Seminars
Presentations