Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmien opinto-ohjelmat avautuvat nimen edessä olevasta pienestä 📌-merkistä.
Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmien opinto-ohjelmat avautuvat nimen edessä olevasta pienestä -merkistä.

Degree Programme in Nursing | Kuvaus
Studies
The curriculum: its basis and objectives

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 their 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 national and international regulations and ethics.

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

The degree programme aims to equip nurses with an extensive professional knowledge client-orientedness requires.

Structure of the Degree Programme, 210 cr

<table>
<thead>
<tr>
<th>Course Category</th>
<th>Credits</th>
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<tr>
<td>Core studies</td>
<td>10 cr</td>
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<tr>
<td>Professional studies</td>
<td>178 cr</td>
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<td>Bachelor’s thesis</td>
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<td>Elective studies</td>
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Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmien opinto-ohjelmat avautuvat nimen edessä olevasta pienestä -merkistä.
# Degree Programme in Nursing | Kuvaus

## Studies

- Common core studies (YPERUSOP)
- Professional studies (GPSG1)
- Elective studies (VAPAVAL-5)
- Bachelor's thesis (G910-5)
The curriculum: its basis and objectives

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 ad the prevention and cure of diseases. It also includes rehabilitation.

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Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmien opinto-ohjelmat avautuvat nimen edessä olevasta pienestä -merkistä.

Degree Programme in Nursing | Kuvaus
Studies
### Degree Programme in Nursing | Kuvaus

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<td>Communication skills (Y029-6)</td>
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<tr>
<td>Professional studies (GPSG1)</td>
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<tr>
<td>Bachelor’s thesis (G910-5)</td>
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</tbody>
</table>
COMMON CORE STUDIES, YPERUSOP (G06NURSE)

Degree Programme:  
Degree Programme in Nursing

Credits:  
10 cr

Description:  
This is a title. Course descriptions can be seen by clicking the link of the course in question.
Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmien opinto-ohjelmat avautuvat nimen edessä olevasta pienestä -merkistä.

**Degree Programme in Nursing | Kuvaus**

### Studies

- **Common core studies (YPERUSOP)**
- **Professional studies (GPSG1)**
- **Natural sciences (G10-5)**
- **Social and behavioral sciences (G20-5)**
  - English (G30-5)
  - Philosophical, theoretical and practical basics of nursing (G225-5)
  - Medical nursing (G212-5)
  - Surgical nursing (G217-5)
  - Perioperative nursing (G218-5)
  - Mental health (G219-5)
  - Public health (G220-5)
  - Paediatric nursing (G221-5)
  - Women's health (G222-5)
  - Nursing and health care for the elderly (G223-5)
  - Nursing administration (G226-5)
- **Basics of research (G227-5)**
- **Medical-surgical nursing (G216-5)**

### Elective studies (VAPAVAL-5)

- **Bachelor's thesis (G910-5)**
PROFESSIONAL STUDIES, GPSG1 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 125 cr

Description:
ELECTIVE STUDIES, VAPAVAL-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 7 cr

**Description:**
Elective studies
Students have the opportunity to choose elective studies that enhance their professional growth.
Studies are available in all locations of Pirkanmaa Polytechnic - University of Applied Sciences.
Students can also utilise the studies offered by other polytechnics and universities as well as the studies completed during their exchange period.
### Degree Programme in Nursing | Kuvaus

#### Studies

- **Common core studies (YPERUSOP)**
- **Professional studies (GPSG1)**
- **Elective studies (VAPAVAL-5)**
- **Bachelor’s thesis (G910-5)**
  - Orientation to bachelor’s thesis process, method studies (G910A-5)
  - Planning seminar (G910B-5)
  - Bachelor’s thesis process, part 1. (G910C-5)
  - Bachelor’s thesis process, part 2. (G910D-5)
  - Bachelor’s thesis seminar (G910E-5)
BACHELOR’S THESIS, G910-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 15 cr

Description:

Type of course
Compulsory

Level of course
Bachelor’s thesis

Objective of 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 cr
G910B-5 Bachelor's thesis planning seminar, 1.5 cr
G910C-5 Bachelor's thesis process, part 1, 3 cr
G910D-5 Bachelor's thesis process, part 2, 3 cr
G910E-5 Bachelor's thesis seminar, 3 cr

Teaching methods
Lectures
Discussion
Independent studies
Seminars
Presentations

Assessment methods
Written, graded examinations
Graded Bachelor's thesis

Prerequisites
G227

Required reading
To be agreed

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

Year of study
Third and fourth academic year

Semester
Autumn, spring, autumn

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmien opinto-ohjelmat avautuvat nimen edessä olevasta pienestä -merkistä.

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### Degree Programme in Nursing | Kuvaus

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<td>Orientation to learning and internal entrepreneurship (Y030A-6)</td>
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<tr>
<td>Information technology (Y030B-6)</td>
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<tr>
<td>Information skills (YE003-5)</td>
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<td>Communication skills (Y029-6)</td>
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| Bachelor’s thesis (G910-5) |
Englanninkieliset koulutusohjelmat 2006 - 2007

Learning to be a professional, Y030-6 (G06NURSE)

Degree Programme: Degree Programme in Nursing  
Credits: 5 cr

Description:

Type of course  
Compulsory

Level of course  
Core studies

Objective of course  
Students  
- are able to work in the polytechnic learning and operational environment  
- are aware of the structure of the degree programme, their future profession and the polytechnic studies as part of the European higher education system  
- become familiar with their student group and understand how to promote positive learning environment  
- are capable of utilising the support services of studies  
- are aware of the students’ possibilities of participating in and affecting the development of education  
- start planning their own studies and career under the supervision of their teacher tutor and comprehend the importance of the students’ active involvement in their own learning process  
- can use computers and MS Office software in accordance with the working life needs  
- can develop their IT skills as the field develops

Course contents  
- orientation to polytechnic studies and internal entrepreneurship  
- Pirkanmaa Polytechnic as working and learning environment  
- the student’s own curriculum, study plan and orientation to the future profession  
- polytechnic studies and degrees in the European higher education system  
- support services of studies  
- students’ participation, influence and feedback systems  
- personal study plan and career planning  
- MS-Word or other equivalent word processing program  
- document setting standards  
- MS-Excel or other equivalent spreadsheet  
- integrated use of Office programs by means of clipboard  
- production of presentations with PowerPoint or equivalent presentation graphics program  
- peripheral devices to computers, like printers, scanners, digital cameras, sound reproduction equipment  
- basic use of MS-FrontPage or equivalent web editor  
- the most common information security risks and their management

Teaching methods  
Lectures, demonstrations, personal guidance and development discussions, exercises and assignments

Assessment methods  
Construction of personal study plan and a preliminary career plan and guidance and development discussion with teacher tutor, assessment of assignments, computer skills test or competence test

Prerequisites  
- Basics of information technology or equivalent skills

Required reading  
- program helps and will be agreed at the beginning of the courses
Name of lecturer
Mr. Heikki Toijala, Ms. Tuulikki Räsänen and Ms. Elina Kujala

Year of study
First year

Semester
Autumn and spring semester

Language of instruction
Finnish
Communication skills, Y029-6 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 5 cr

Description:
Type of course
Compulsory

Level of course
Core studies

Objective of course
Students are able to interact appropriately and skilfully both in oral and written professional situations. Students can take the demands of the recipient, situation and professional field into account. They are also able to communicate in an organised, persuasive and natural manner. Polytechnic graduates can and will develop their own communication skills as a part of their professional skills.

Course contents
levels of interaction
interaction in professional context
individual communicator image
group dynamics
negotiation and conference theory and customs
working life documents, reporting, references
layout of documents, document standard
stylistic issues
linguistic correctness

Teaching methods
Discussion, written and oral exercises, group works

Assessment methods
Assessment of competence tests and possible examination, self-evaluation and peer review

Prerequisites
-

Required reading
Other reading to be agreed on at the beginning of the course

Name of lecturer
Ms Helena Virikko

Year of study
From first to second year

Semester
Autumn semester

Language of instruction
Finnish
Englanninkieliset koulutusohjelmat 2006 - 2007

COMMON CORE STUDIES, YPERUSOP (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 10 cr

Description:

This is a title. Course descriptions can be seen by clicking the link of the course in question.
### Degree Programme in Nursing | Kuvaus

#### Studies

- Common core studies (YPERUSOP)
- Professional studies (GPSG1)
- Elective studies (VAPAVAL-5)
- Bachelor’s thesis (G910-5)
Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmien opinto-ohjelmat avautuvat nimen edessä olevasta pienestä -merkistä.

Degree Programme in Nursing | Kuvaus

Studies

- Common core studies (YPERUSOP)
- Professional studies (GPSG1)
- Natural sciences (G10-5)
  - Pathology (G047-5)
  - Anatomy and physiology (G038-5)
  - Anatomy and physiology (G039-5)
  - Microbiology (G040-5)
  - Nutrition (G041-5)
- Social and behavioral sciences (G20-5)
  - English (G30-5)
  - Philosophical, theoretical and practical basics of nursing (G225-5)
  - Medical nursing (G212-5)
  - Surgical nursing (G217-5)
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  - Nursing and health care for the elderly (G223-5)
  - Nursing administration (G226-5)
- Basics of research (G227-5)
  - Medical-surgical nursing (G216-5)
- Elective studies (VAPAVAL-5)
- Bachelor’s thesis (G910-5)
Englanninkieliset koulutusohjelmat 2006 - 2007

Natural sciences, G10-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 9 cr

Description:
The content of Natural sciences is described in detail in the following courses:
osa G047-5 Pathology
osa G038-5 Anatomy and physiology
osa G039-5 Anatomy and physiology
osa G040-5 Microbiology
osa G041-5 Nutrition
## Degree Programme in Nursing | Kuvaus

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<td>Psychology (G043-5)</td>
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<td>Sociology (G044-5)</td>
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Englanninkieliset koulutusohjelmat 2006 - 2007

Social and behavioral sciences, G20-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 6 cr

Description:
The content of Social and behavioral sciences is described in detail in the following courses:
osa G042-5 Pedagogics
osa G043-5 Psychology
osa G044-5 Sociology
osa G045-5 Social politics
Englanninkieliset koulutusohjelmat 2006 - 2007

**English, G30-5 (G06NURSE)**

**Degree Programme:** Degree Programme in Nursing  
**Credits:** 6 cr

**Description:**

**Type of course**  
Compulsory

**Level of course**  
Professional studies

**Objective of course**  
Students are able to use English in various international and multicultural situations of their own professional field. They are able to strengthen, develop and assess oral and written language and learning skills. Students develop information gathering skills using English sources from various media. They are able to use professional language at academic level.

**Course contents**

YEK021-5 English part 1  
YEK022-5 English part 2  
YEK023-5 English part 3  
YEK024-5 English part 4

**Teaching methods**

Lectures  
Various exercises

**Assessment methods**

Active participation in the planning and implementation of one's own learning during the course  
Approved written and oral assignments  
Graded exam / portfolio

**Prerequisites**

None

**Required reading**

To be agreed

**Name of lecturer**

Ms Kirsi Saarinen

**Year of study**

First - fourth academic year

**Language of instruction**

English
Englanninkieliset koulutusohjelmat 2006 - 2007

Philosophical, theoretical and practical basics of nursing, G225-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 31 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of course

Students see 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, 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 wellbeing 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 nurses' responsibility for the patient's medical treatment and they are able to dispense medication. The students have the measure of the knowledge and skills needed for sound decision-making. They gain competence in observation skills, in the collection of information, in documentation and in analysing and interpreting information. During the course, students gain experience in implementing 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 of developing themselves in their profession and professional growth. Students are capable of adapting their knowledge in nursing during their supervised clinical training. Students become qualified to evaluate and develop their own physical, mental and social resources. They promote their working and functional capacity with the aid of physical exercise and healthy lifestyle.

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

Teaching methods
Lectures
Independent studies
Pair work, group work
Written assignments
Presentations
Demonstrations
Practising 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

Name of lecturers: Ms K. And, Ms P. Salokangas, Ms R. Kokko, Ms P. Sokka

Year of study
First academic year

Semester
Autumn and spring

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Medical nursing, G212-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 12 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of 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-kins in order to promote health and wellbeing. Students are able to observe vital functions, to carry out pharmacological treatments and to manage individual care of patients. 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 applying their knowledge in nursing during their supervised clinical training.

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

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

Assessment methods
Written, graded examinations
Approved clinical training

Prerequisites
G225 must be completed before medical - surgical clinical training

Required reading

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

Year of study
Second academic year

Semester
Autumn

Language of instruction
Surgical nursing, G217-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 12 cr

Description:
Type of course
Compulsory

Level of course
Professional studies

Objective of course
Students understand 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 wellbeing. They know the basics of physiotherapy and occupational therapy in surgical nursing. They master the essential clinical nursing methods and are capable of applying their theoretical knowledge in surgical nursing, surgery and pharmacology during their supervised clinical training.

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

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

Assessment methods
Written, graded examinations
Approved clinical training

Prerequisites
G225

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

Name of lecturer
Ms P. Salokangas

Year of study
Second academic year

Semester
Autumn

Language of instruction

Perioperative nursing, G218-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 8 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of 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 in 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 surgeons. 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. They have the knowledge of patient education needed in day surgery. Students are capable of applying their knowledge in perioperative nursing during their supervised clinical training.

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

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

Assessment methods
Written, graded examinations
Approved clinical training

Prerequisites
G225

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

Name of lecturers: Ms K. Vähämäa, Mr P. Erola

Year of study
Third academic year

Semester
Autumn

Language of instruction
Mental health, G219-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 12 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of course

Students know the legislation and organisation 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 of mental health. Students learn the significance of therapeutic milieu and communication in the nurse-patient relationship. Students understand mental health as an experience of the individual and the theoretical bases of nursing actions. They recognise the effects of mental health problems and substance abuse problems for adults, their families and others. Students learn to manage people experiencing depression, drinking problems, delusions and hallucinations. Students learn to use teamwork and networks in multiprofessional work groups. They learn interventions used in acute care, crisis, in community care as well as in rehabilitation of long-term mental patients. Students develop their professional skills in different fields of psychiatric nursing by using reflection and recognising 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 cr
G219B-5 Supervised clinical training, 6 cr
G219C-5 Supervised orientation studies, 1.5 cr
G219D-5 Psychiatry and pharmacology, 0.75 cr
G219E-5 Clinical psychology, 0.75 cr
G219F-5 Social welfare, 0.75 cr

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

Required reading
Name of lecturers: Ms P. Linnainmaa, Ms N. Kilkku

Year of study
Third academic year

Semester
Autumn

Language of instruction
English
Public health, G220-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 16 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of 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 wellbeing and health of people 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 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 wellbeing of adults in working age in different phases of their lives like work, unemployment, family and work-related health problems. They learn the supportive methods like occupational health care, labour 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 for the wellbeing 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 counselling by applying their pedagogical knowledge. 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 cr
G220B-5 Supervised clinical training 1, 3 cr
G220C-5 Health, individuals and their environment, 1.5 cr
G220D-5 Introduction to public health science, 1.5 cr
G220E-5 Health care for adults, 2.5 cr
G220F-5 Health promotion, 1.5 cr
G220G Supervised clinical training 2, 3 cr

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

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.

Name of lecturers: Ms M. Hillma, Ms R.Kokko, Ms S. Timgren

Year of study
Second academic year

Semester
Spring

Language of instruction
English

Takaisin 
Sivun alkuun
Englanninkieliset koulutusohjelmat 2006 - 2007

Paediatric nursing, G221-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 12 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of 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-realisation, sexuality and birth control. Students recognise 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 organisations have on the health and wellbeing of children, adolescents and their families. Students learn the most common diseases related to children, their treatment and pharmacology. Students are capable of applying their theoretical knowledge in multicultural child health care and paediatric nursing during their supervised clinical training in a multiprofessional team.

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

Teaching methods
Lectures
Practising nursing skills
Supervised clinical training

Assessment methods
Written, graded examinations
Approved clinical trainings

Prerequisites
G225

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

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

Year of study
Second academic year

Semester
Spring
Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Women's health, G222-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of 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 of growing up to be a parent and the family on the basis of theory, research and practice. Students know the phases of delivery and the post-natal care of the mother as well as care of the newborn. Students are able to support people experiencing childlessness and miscarriage. Students become aware of the nursing of gynaecological patients undergoing examinations, surgery and different treatments. Students know the prevention and treatment of infections, cancer and sexually transmitted diseases and their significance for the wellbeing for women. Students recognise the ethical issues related to maternal care and gynaecological nursing. Students are fit for practice in multiprofessional teams.

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

Teaching methods
Lectures
Seminars
Study visits
Independent studies
Supervised clinical training

Assessment methods
Written, graded examinations
Approved clinical training

Prerequisites
G225

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

Name of lecturer
Ms A-M Äimälä

Year of study
Second academic year

Semester
Autumn and spring

Language of instruction
English
Nursing and health care for the elderly, G223-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 7.5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

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

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

Teaching methods
Lectures
Presentations
Independent studies
Supervised clinical training

Assessment methods
Written examinations
Reflective diary
Approved clinical training

Prerequisites
G225, G212 and G217

Required reading:

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

Year of study
Second academic year
Semester
Spring

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Nursing administration, G226-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 13 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of course
Students know the organisation 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 labour policy as a part of nursing. Students know the significance of patient-oriented service organisation and they are able to adapt to 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 develop a positive attitude towards entrepreneurship. They learn the fundamentals of establishing an enterprise. Students know the work related service relationships, labour laws and labour contracts. They are aware of labour market organisations and they know the recruitment services both in Finland and abroad.
Students learn about the history of nursing and nursing science research in Finland as well as in other countries. Students recognise 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 cr
G226B-5 Development of nursing, 3 cr
G226C-5 Supervised clinical training 1, 3 cr
G226D-5 Supervised clinical training 2, 3 cr
G226E-5 Basics of entrepreneurship 1 cr

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

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

**Year of study**  
Third and fourth academic year

**Semester**  
Spring, autumn

**Language of instruction**  
English
### Degree Programme in Nursing | Kuvaus

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Englanninkieliset koulutusohjelmat 2006 - 2007

Basics of research, G227-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of course
Students become aware of 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 methods and they are aware of research ethics. Students learn different research approaches; quantitative and qualitative.
Students recognise 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 Introduction to nursing science, 1.5 cr
YE004 Basics of research, 2 cr
YE006 Introduction to statistics, 1.5 cr

Teaching methods
Lectures
Discussions
Independent studies
Assignments
Pair work

Assessment methods
Written, graded examinations
Graded presentations

Prerequisites
YE003, YE005

Required reading

Name of lecturer
Ms R. Kokko

Year of study
First, second and third academic year

Semester
Spring, autumn

Language of instruction
English
Medical-surgical nursing, G216-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 24 cr

Description:
Type of course
Compulsory

Level of course
Professional studies

Objective of course
Students outline their expertise on medical-surgical nursing area. They are able to apply their theoretical knowledge to individualised holistic care of medical-surgical patients. Students know the principles of primary nursing care, quality assessment and development of medical-surgical nursing. They adopt a research-oriented approach towards nursing. Students recognise the objectives of nursing including health promotion, prevention of diseases and alleviation of symptoms. Students learn to manage crises caused by acute or chronic illnesses and injuries. They learn to support patients and their significant others in self-care during the rehabilitation phase. Students are able to provide support to patients and their 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 cr
G216B-5 Supervised surgical training, 7.5 cr
G216C-5 Medical nursing, 4.5 cr
G216D-5 Supervised medical training, 7.5 cr

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

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

Year of study
Third and fourth academic year

Semester
Spring, autumn

Language of instruction
English
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Description:
Elective studies
Students have the opportunity to choose elective studies that enhance their professional growth. Studies are available in all locations of Pirkanmaa Polytechnic - University of Applied Sciences. Students can also utilise the studies offered by other polytechnics and universities as well as the studies completed during their exchange period.
**Degree Programme in Nursing | Kuvaus**

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Englanninkieliset koulutusohjelmat 2006 - 2007

Orientation to bachelor’s thesis process, method studies, G910A-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 4.5 cr

Description:

Takaisin
Sivun alkuun
Englanninkieliset koulutusohjelmat 2006 - 2007

**Planning seminar, G910B-5 (G06NURSE)**

**Degree Programme:** Degree Programme in Nursing  
**Credits:** 1,5 cr

**Description:**

Takaisin

Sivun alkuun
Bachelor’s thesis process, part 1., G910C-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 3 cr

Description:

Takaisin

Sivun alkuun
Bachelor's thesis process, part 2., G910D-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 3 cr

Description:
Bachelor’s thesis seminar, G910E-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 3 cr

Description:

Takaisin

Sivun alkuun
Englanninkieliset koulutusohjelmat 2006 - 2007

BACHELOR’S THESIS, G910-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 15 cr

Description:

Type of course: Compulsory
Level of course: Bachelor's thesis
Objective of 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 cr
G910B-5 Bachelor's thesis planning seminar, 1.5 cr
G910C-5 Bachelor's thesis process, part 1, 3 cr
G910D-5 Bachelor's thesis process, part 2, 3 cr
G910E-5 Bachelor's thesis seminar, 3 cr

Teaching methods
Lectures
Discussions
Independent studies
Seminars
Presentations

Assessment methods
Written, graded examinations
Graded Bachelor's thesis

Prerequisites
G227

Required reading: To be agreed

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

Year of study
Third and fourth academic year

Semester
Autumn, spring, autumn

Language of instruction
English
#### Degree Programme in Nursing | Kuvaus

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Orientation to learning and internal entrepreneurship, Y030A-6 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 2 cr

Description:
Course descriptions can be seen by clicking the link of Learning to be professional (Y030-6)
Information technology, Y030B-6 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 3 cr

Description:
Course descriptions can be seen by clicking the link of Learning to be professional (Y030-6)
Information skills, YE003-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1 cr

Description:

Type of course
Compulsory

Level of course
Core studies

Objective of course
Students learn the concepts, principles and strategies of information search and they understand the process of information search. Students familiarise themselves with different search methods, databases and search services. Independent search assignments train students to apply the information skills in the practice of learning. Students learn to find sources of information which are relevant for their information need and they learn to evaluate the sources of information critically.

Course contents
- Information search process and evaluation criteria for information
  - Strategies, methods of information search
  - Analysis of search terminology
  - Reference databases
  - Electronical full text databases
  - Search services and subject indexes of Internet

Teaching methods
Lectures
Working with the computer

Assessment methods
Graded examination

Prerequisites
YE005

Required reading
To be agreed

Name of lecturer
Mr J.Tyrväinen

Year of study
Second academic year

Semester
Autumn semester

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Learning to be a professional, Y030-6 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 5 cr

Description:

Type of course
Compulsory

Level of course
Core studies

Objective of course
Students
• are able to work in the polytechnic learning and operational environment
• are aware of the structure of the degree programme, their future profession and the polytechnic studies as part of the European higher education system
• become familiar with their student group and understand how to promote positive learning environment
• are capable of utilising the support services of studies
• are aware of the students’ possibilities of participating in and affecting the development of education
• start planning their own studies and career under the supervision of their teacher tutor and comprehend the importance of the students’ active involvement in their own learning process
• can use computers and MS Office software in accordance with the working life needs
• can develop their IT skills as the field develops

Course contents
• orientation to polytechnic studies and internal entrepreneurship
• Pirkanmaa Polytechnic as working and learning environment
• the student’s own curriculum, study plan and orientation to the future profession
• polytechnic studies and degrees in the European higher education system
• support services of studies
• students’ participation, influence and feedback systems
• personal study plan and career planning
• - MS-Word or other equivalent word processing program
• document setting standards
• MS-Excel or other equivalent spreadsheet
• integrated use of Office programs by means of clipboard
• production of presentations with PowerPoint or equivalent presentation graphics program
• peripheral devices to computers, like printers, scanners, digital cameras, sound reproduction equipment
• basic use of MS-FrontPage or equivalent web editor
• the most common information security risks and their management

Teaching methods
Lectures, demonstrations, personal guidance and development discussions, exercises and assignments

Assessment methods
Construction of personal study plan and a preliminary career plan and guidance and development discussion with teacher tutor, assessment of assignments, computer skills test or competence test

Prerequisites
• Basics of information technology or equivalent skills

Required reading
• program helps and will be agreed at the beginning of the courses

Name of lecturer
Mr Heikki Toijala, Ms Tuulikki Räsänen and Ms Elina Kujala

Year of study
First year

Semester
Autumn and spring semester

Language of instruction
Finnish
Englanninkieliset koulutusohjelmat 2006 - 2007

Communication skills, Y029-6 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 5 cr

Description:

Type of course
Compulsory

Level of course
Core studies

Objective of course
Students are able to interact appropriately and skilfully both in oral and written professional situations. Students can take the demands of the recipient, situation and professional field into account. They are also able to communicate in an organised, persuasive and natural manner. Polytechnic graduates can and will develop their own communication skills as a part of their professional skills.

Course contents
levels of interaction
interaction in professional context
individual communicator image
group dynamics
negotiation and conference theory and customs
working life documents, reporting, references
layout of documents, document standard
stylistic issues
linguistic correctness

Teaching methods
Discussion, written and oral exercises, group works

Assessment methods
Assessment of competence tests and possible examination, self-evaluation and peer review

Prerequisites

Required reading
Other reading to be agreed on at the beginning of the course

Name of lecturer
Ms Helena Virikko

Year of study
From first to second year

Semester
Autumn semester

Language of instruction
Finnish
Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmiin opinto-ohjelmat avautuvat nimen edessä olevasta pienestä -merkistä.

### Degree Programme in Nursing | Kuvaus

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Englanninkieliset koulutusohjelmat 2006 - 2007

Pathology, G047-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Name of lecturer
Ms Kirsi Litmanen

Objective of course
Students learn to understand medicine as a science.

Course contents
- From traditional medicine to modern medicine
  - Medical research and the nature of biological and biomedical knowledge
  - The origin of diseases: from risk factors to symptoms

Teaching methods
Lectures

Assessment methods
Written, graded examination

Language of instruction
English

Prerequisites
None

Year of study
First academic year

Semester
Spring semester

Required reading
To be agreed

Takaisin

Sivun alkuun
Anatomy and physiology, G038-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 2 cr

**Description:**

**Type of course**
Compulsory

**Level of course**
Professional studies

**Name of lecturer**
Ms Kirsi Litmanen

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

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

**Teaching methods**
Lectures

**Assessment methods**
Written, graded examinations

**Language of instruction**
English

**Prerequisites**
None

**Year of study**
First academic year

**Semester**
Autumn semester

**Required reading**
Anatomy and physiology, G039-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 2.5 cr

**Description:**

**Type of course**
Compulsory

**Level of course**
Professional studies

**Name of lecturer**
Ms Kirsi Litmanen

**Objective of course**
Students learn the structure and the main functions of the organs and systems and they are able to apply the information to practical work. Students recognise the concept of people as physical beings.

**Course contents**
- The structure and function of the musculo-skeletal system
- The structure and function of the digestive systems as well as the urinary tract.
- Regulation of metabolism
- Reproduction
- Sensory function
- Nervous system

**Teaching methods**
Lectures

**Assessment methods**
Written, graded examinations

**Language of instruction**
English

**Prerequisites**
None

**Year of study**
First academic year

**Semester**
Spring semester

**Required reading**
Microbiology, G040-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1.5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Name of lecturer
Ms Kirsi Litmanen

Objective of course
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 contents
- Microbe reproduction and life cycles
  - Introduction to the most common infectious diseases and how to identify them
  - Clinical immunology

Teaching methods
Lectures

Assessment methods
Written, graded examination

Language of instruction
English

Prerequisites
None

Year of study
First academic year

Semester
Spring semester

Required reading
To be agreed.
Englanninkieliset koulutusohjelmat 2006 - 2007

Nutrition, G041-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Name of lecturer
Ms Susanna Nuutinen

Objective of course
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 contents
- Nutrition research and the nature of nutritional knowledge
  * Basics of nutritional physiology
  * Nutrition in different population groups, nutritional recommendations

Teaching methods
Lectures
Written assignments
Presentations

Assessment methods
Written, graded examination

Language of instruction
English

Prerequisites
None

Year of study
First academic year

Semester
Spring semester

Required reading
To be agreed
Englanninkieliset koulutusohjelmat 2006 - 2007

Natural sciences, G10-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 9 cr

**Description:**

The content of Natural sciences is described in detail in the following courses:
- osa G047-5 Pathology
- osa G038-5 Anatomy and physiology
- osa G039-5 Anatomy and physiology
- osa G040-5 Microbiology
- osa G041-5 Nutrition
Englanninkieliset koulutusohjelmat 2006 - 2007

Koulutusohjelmien opinto-ohjelmat avautuvat nimen edessä olevasta pienestä "-merkistä.

- Degree Programme in Nursing | Kuvaus
  - Studies
    - Common core studies (YPERUSOP)
    - Professional studies (GPSG1)
    - Natural sciences (G10-5)
    - Social and behavioral sciences (G20-5)
      - English (G30-5)
        - Philosophical, theoretical and practical basics of nursing (G225-5)
        - Medical nursing (G212-5)
        - Surgical nursing (G217-5)
        - Perioperative nursing (G218-5)
        - Mental health (G219-5)
        - Public health (G220-5)
        - Paediatric nursing (G221-5)
        - Women's health (G222-5)
        - Nursing and health care for the elderly (G223-5)
        - Nursing administration (G226-5)
    - Basics of research (G227-5)
    - Medical-surgical nursing (G216-5)
    - Elective studies (VAPAVAL-5)
    - Bachelor’s thesis (G910-5)
Englanninkieliset koulutusohjelmat 2006 - 2007

Pedagogics, G042-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of course
Students are able to use both theoretical and practical knowledge on 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 contents
- 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 supporting education

Teaching methods
Lectures
Seminars
Discussions

Assessment methods
Graded, written assignment and presentation

Prerequisites
None

Required reading
To be agreed

Name of lecturer
Ms A-M Äimälä

Year of study
First academic year

Semester
Autumn semester

Language of instruction
English

Takaisin
Psychology, G043-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of course
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 contents
- The methodological foundation of psychological information
  - Cognitive processes
  - Motivation, emotions, personality
  - Interaction between people and their environment
  - Application areas of psychology

Teaching methods
Lectures
Discussions

Assessment methods
Written, graded examination

Prerequisites
None

Required reading
To be agreed

Name of lecturer
Ms Annamarja Ollikainen-Autiosaari

Year of study
First academic year

Semester
Spring term

Language of instruction
English
Sociology, G044-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:
Type of course
Compulsory

Level of course
Professional studies

Objective of course
Students know the sociological perspective in social and health care issues. They know the structures of society, social institutes and institutions 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 contents
- 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 the sociological perspective

Teaching methods
Lectures
Written assignments
Discussions

Assessment methods
Written, graded examination / assignment

Prerequisites
None

Required reading
To be agreed

Name of lecturer
Ms M. Halme

Year of study
Second academic year

Semester
Autumn semester

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Social policy, G045-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:

Type of course
Compulsory

Level of course
Professional studies

Objective of course
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 its various benefits to the client. Students know the influence economic issues have on the social and health care sector.

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

Teaching methods
Lectures
Discussions
Assignments
Presentations

Assessment methods
Written, graded examination / assignment

Prerequisites
None

Required reading
To be agreed

Name of lecturer
Ms M. Halme

Year of study
Second academic year

Semester
Autumn semester

Language of instruction
English
The content of Social and behavioral sciences is described in detail in the following courses:

- osa G042-5 Pedagogics
- osa G043-5 Psychology
- osa G044-5 Sociology
- osa G045-5 Social politics
Englanninkieliset koulutusohjelmat 2006 - 2007

English, G30-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing

Credits: 6 cr

Description:

Type of course: Compulsory

Level of course: Professional studies

Objective of course:
Students are able to use English in various international and multicultural situations of their own professional field. They are able to strengthen, develop and assess oral and written language and learning skills. Students develop information gathering skills using English sources from various media. They are able to use professional language at academic level.

Course contents
YEK021-5 English part 1
YEK022-5 English part 2
YEK023-5 English part 3
YEK024-5 English part 4

Teaching methods
Lectures
Various exercises

Assessment methods
Active participation in the planning and implementation of one's own learning during the course
Approved written and oral assignments
Graded exam / portfolio

Prerequisites
None

Required reading: To be agreed

Name of lecturer: Ms Kirsi Saarinen

Year of study
First - fourth academic year

Language of instruction
English
Philosophical, theoretical and practical basics of nursing, G225-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing
**Credits:** 31 cr

**Description:**

Type of course: Compulsory
Level of course: Professional studies

Objective of course:
Students see 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, 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 wellbeing 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 nurses’ responsibility for the patient's medical treatment and they are able to dispense medication. The students have the measure of the knowledge and skills needed for sound decision-making. They gain competence in observation skills, in the collection of information, in documentation and in analysing and interpreting information. During the course, students gain experience in implementing 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 of developing themselves in their profession and professional growth. Students are capable of adapting their knowledge in nursing during their supervised clinical training. Students become qualified to evaluate and develop their own physical, mental and social resources. They promote their working and functional capacity with the aid of physical exercise and healthy lifestyle.

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

**Teaching methods**
Lectures
Independent studies
Pair work, group work
Written assignments
Presentations
Demonstrations
Practising 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

Name of lecturers: Ms K. And, Ms P. Salokangas, Ms R. Kokko, Ms P. Sokka

**Year of study**
First academic year

**Semester**
Autumn and spring

**Language of instruction**
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Medical nursing, G212-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 12 cr

**Description:**

Type of course: Compulsory

Level of course: Professional studies

Objective of 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-kins in order to promote health and wellbeing. Students are able to observe vital functions, to carry out pharmacological treatments and to manage individual care of patients. 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 applying their knowledge in nursing during their supervised clinical training.

**Course contents**

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

**Teaching methods**

Lectures
Independent studies
Presentations
Written assignments
Reflective diary
Supervised clinical training

**Assessment methods**

Written, graded examinations
Approved clinical training

**Prerequisites**

G225 must be completed before medical - surgical clinical training

**Required reading:**

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

**Year of study**
Second academic year

**Semester**
Autumn

**Language of instruction**
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Surgical nursing, G217-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 12 cr

Description:

Type of course: Compulsory
Level of course: Professional studies

Objective of course:
Students understand 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 wellbeing. They know the basics of physiotherapy and occupational therapy in surgical nursing. They master the essential clinical nursing methods and are capable of applying their theoretical knowledge in surgical nursing, surgery and pharmacology during their supervised clinical training.

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

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

Assessment methods
Written, graded examinations
Approved clinical training

Prerequisites
G225

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

Name of lecturer: Ms P. Salokangas

Year of study
Second academic year

Semester
Autumn

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

**Perioperative nursing, G218-5 (G06NURSE)**

**Degree Programme:** Degree Programme in Nursing  
**Credits:** 8 cr

**Description:**

Type of course: Compulsory  
Level of course: Professional studies

Objective of 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 in 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 surgeons. 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. They have the knowledge of patient education needed in day surgery. Students are capable of applying their knowledge in perioperative nursing during their supervised clinical training.

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

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

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

**Prerequisites**
G225

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

**Name of lecturers:** Ms K. Vähämää, Mr P. Erola

**Year of study**
Third academic year

**Semester**
Autumn

**Language of instruction**
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Mental health, G219-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 12 cr

Description:
Type of course: Compulsory
Level of course: Professional studies

Objective of course:
Students know the legislation and organisation 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 of mental health. Students learn the significance of therapeutic milieu and communication in the nurse-patient relationship. Students understand mental health as an experience of the individual and the theoretical bases of nursing actions. They recognise the effects of mental health problems and substance abuse problems for adults, their families and others. Students learn to manage people experiencing depression, drinking problems, delusions and hallucinations. Students learn to use teamwork and networks in multiprofessional work groups. They learn interventions used in acute care, crisis, in community care as well as in rehabilitation of long-term mental patients. Students develop their professional skills in different fields of psychiatric nursing by using reflection and recognising 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 cr
G219B-5 Supervised clinical training, 6 cr
G219C-5 Supervised orientation studies, 1.5 cr
G219D-5 Psychiatry and pharmacology, 0.75 cr
G219E-5 Clinical psychology, 0.75 cr
G219F-5 Social welfare, 0.75 cr

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

Required reading:

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

Year of study
Third academic year

Semester
Autumn
Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Public health, G220-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 16 cr

Description:

Type of course: Compulsory
Level of course: Professional studies

Objective of 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 wellbeing and health of people 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 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 wellbeing of adults in working age in different phases of their lives like work, unemployment, family and work-related health problems. They learn the supportive methods like occupational health care, labour 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 for the wellbeing 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 counselling by applying their pedagogical knowledge.
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 cr
G220B-5 Supervised clinical training 1, 3 cr
G220C-5 Health, individuals and their environment, 1.5 cr
G220D-5 Introduction to public health science, 1.5 cr
G220E-5 Health care for adults, 2.5 cr
G220F-5 Health promotion, 1.5 cr
G220G Supervised clinical training 2, 3 cr

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

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.

Name of lecturers: Ms M. Hillma, Ms R.Kokko, Ms S. Timgren

**Year of study**
Second academic year

**Semester**
Spring

**Language of instruction**
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Paediatric nursing, G221-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 12 cr

**Description:**

Type of course: Compulsory

Level of course: Professional studies

Objective of 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-realisation, sexuality and birth control. Students recognise 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 organisations have on the health and wellbeing of children, adolescents and their families. Students learn the most common diseases related to children, their treatment and pharmacology. Students are capable of applying their theoretical knowledge in multicultural child health care and paediatric nursing during their supervised clinical training in a multiprofessional team.

**Course contents**

G221A-5 Child health care 2.75 cr
G221B-5 Supervised clinical training 1, 1.5 cr
G221C-5 Paediatric nursing, 2.5 cr
G221D-5 Supervised clinical training 2, 4.5 cr
G221E-5 Paediatrics, 0.75 cr

**Teaching methods**

Lectures
Practising nursing skills
Supervised clinical training

**Assessment methods**

Written, graded examinations
Approved clinical trainings

**Prerequisites**

G225

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

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

**Year of study**

Second academic year

**Semester**

Spring

**Language of instruction**

English
Women's health, G222-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 5 cr

**Description:**

Type of course: Compulsory

Level of course: Professional studies

Objective of 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 of growing up to be a parent and the family on the basis of theory, research and practice. Students know the phases of delivery and the post-natal care of the mother as well as care of the newborn. Students are able to support people experiencing childlessness and miscarriage.

Students become aware of the nursing of gynaecological patients undergoing examinations, surgery and different treatments. Students know the prevention and treatment of infections, cancer and sexually transmitted diseases and their significance for the wellbeing for women. Students recognise the ethical issues related to maternal care and gynaecological nursing. Students are fit for practice in multiprofessional teams.

**Course contents**

- G222A-5 Maternity care, 1.5 cr
- G222B-5 Gynaecological nursing, 2 cr
- G222C-5 Supervised clinical training, 1.5 cr

**Teaching methods**

Lectures
Seminars
Study visits
Independent studies
Supervised clinical training

**Assessment methods**

Written, graded examinations
Approved clinical training

**Prerequisites**

G225

**Required reading:**

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

**Name of lecturer:** Ms A-M Äimälä

**Year of study**

Second academic year

**Semester**

Autumn and spring

**Language of instruction**

English
Englanninkieliset koulutusohjelmat 2006 - 2007

Nursing and health care for the elderly, G223-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 7,5 cr

Description:

Type of course: Compulsory
Level of course: Professional studies

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

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

Teaching methods
Lectures
Presentations
Independent studies
Supervised clinical training

Assessment methods
Written examinations
Reflective diary
Approved clinical training

Prerequisites
G225, G212 and G217

Required reading:

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

Year of study
Second academic year

Semester
Spring

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Nursing administration, G226-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 13 cr

Description:

Type of course: Compulsory
Level of course: Professional studies

Objective of course
Students know the organisation 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 labour policy as a part of nursing. Students know the significance of patient-oriented service organisation and they are able to adapt to 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 develop a positive attitude towards entrepreneurship. They learn the fundamentals of establishing an enterprise. Students know the work related service relationships, labour laws and labour contracts. They are aware of labour market organisations and they know the recruitment services both in Finland and abroad.

Students learn about the history of nursing and nursing science research in Finland as well as in other countries. Students recognise 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 cr
G226B-5 Development of nursing, 3 cr
G226C-5 Supervised clinical training 1, 3 cr
G226D-5 Supervised clinical training 2, 3 cr
G226E-5 Basics of entrepreneurship 1 cr

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

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

Year of study
Third and fourth academic year

Semester
Spring, autumn

Language of instruction
English
### Degree Programme in Nursing | Kuvaus

#### Studies

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Basics of research, YE004-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 2 cr

Description:

Takaisin

Sivun alkuun
Introduction to nursing science, G035-5 (G06NURSE)

Degree Programme:  
Degree Programme in Nursing

Credits:  
1.5 cr

Description:

Takaisin  
Sivun alkuun
Introduction to statistics, YE006-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:

Takaisin Sivun alkuun
Englanninkieliset koulutusohjelmat 2006 - 2007

**Basics of research, G227-5 (G06NURSE)**

**Degree Programme:** Degree Programme in Nursing  
**Credits:** 5 cr

**Description:**

Type of course: Compulsory  
Level of course: Professional studies

Objective of course:  
Students become aware of 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 methods and they are aware of research ethics. Students learn different research approaches; quantitative and qualitative. Students recognise 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 Introduction to nursing science, 1.5 cr  
YE004 Basics of research, 2 cr  
YE006 Introduction to statistics, 1.5 cr

**Teaching methods**

Lectures  
Discussions  
Independent studies  
Assignments  
Pair work

**Assessment methods**

Written, graded examinations  
Graded presentations

**Prerequisites**

YE003, YE005

**Required reading:**

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

Name of lecturer: Ms R. Kokko

**Year of study**

First, second and third academic year

**Semester**

Spring, autumn

**Language of instruction**

English
Englanninkieliset koulutusohjelmat 2006 - 2007

Medical-surgical nursing, G216-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 24 cr

Description:

Type of course: Compulsory
Level of course: Professional studies

Objective of course:
Students outline their expertise on medical-surgical nursing area. They are able to apply their theoretical knowledge to individualised holistic care of medical-surgical patients. Students know the principles of primary nursing care, quality assessment and development of medical-surgical nursing. They adopt a research-oriented approach towards nursing. Students recognise the objectives of nursing including health promotion, prevention of diseases and alleviation of symptoms. Students learn to manage crises caused by acute or chronic illnesses and injuries. They learn to support patients and their significant others in self-care during the rehabilitation phase. Students are able to provide support to patients and their 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 cr
G216B-5 Supervised surgical training, 7.5 cr
G216C-5 Medical nursing, 4.5 cr
G216D-5 Supervised medical training, 7.5 cr

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

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

Year of study
Third and fourth academic year

Semester
Spring, autumn

Language of instruction
English
Orientation to bachelor’s thesis process, method studies, G910A-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 4.5 cr
## Engineerelainen Koulutusohjelma 2006 - 2007

### Planning seminar, G910B-5 (G06NURSE)

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<td>Credits</td>
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**Description:**

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Englanninkieliset koulutusohjelmat 2006 - 2007

Bachelor’s thesis process, part 1., G910C-5 (G06NURSE)

<table>
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<td>3 cr</td>
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Description:
Bachelor’s thesis process, part 2., G910D-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 3 cr

Description:
Englanninkieliset koulutusohjelmat 2006 - 2007

Bachelor’s thesis seminar, G910E-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 3 cr

Description:
Orientation to learning and internal entrepreneurship, Y030A-6 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 2 cr

Description:
Course descriptions can be seen by clicking the link of Learning to be professional (Y030-6)
Englanninkieliset koulutusohjelmat 2006 - 2007

Information technology, Y030B-6 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 3 cr

Description:

Course descriptions can be seen by clicking the link of Learning to be professional (Y030-6)
Englanninkieliset koulutusohjelmat 2006 - 2007

Information skills, YE003-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1 cr

Description:

Type of course: Compulsory
Level of course: Core studies

Objective of course:
Students learn the concepts, principles and strategies of information search and they understand the process of information search. Students familiarise themselves with different search methods, databases and search services. Independent search assignments train students to apply the information skills in the practice of learning. Students learn to find sources of information which are relevant for their information need and they learn to evaluate the sources of information critically.

Course contents
- Information search process and evaluation criteria for information
  - Strategies, methods of information search
  - Analysis of search terminology
  - Reference databases
  - Electronical full text databases
  - Search services and subject indexes of Internet

Teaching methods
Lectures
Working with the computer

Assessment methods
Graded examination

Prerequisites
YE005

Required reading: To be agreed

Name of lecturer: Mr J. Tyrväinen

Year of study
Second academic year

Semester
Autumn semester

Language of instruction
English
Pathology, G047-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:

Type of course: Compulsory
Level of course: Professional studies
Name of lecturer: Ms Kirsi Litmanen

Objective of course:
Students learn to understand medicine as a science.

Course contents
- From traditional medicine to modern medicine
  - Medical research and the nature of biological and biomedical knowledge
  - The origin of diseases: from risk factors to symptoms

Teaching methods
Lectures

Assessment methods
Written, graded examination

Language of instruction
English

Prerequisites
None

Year of study
First academic year

Semester
Spring semester

Required reading: To be agreed
Anatomy and physiology, G038-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 2 cr

**Description:**

Type of course: Compulsory

Level of course: Professional studies

Name of lecturer: Ms Kirsi Litmanen

Objective of course:

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

**Course contents**

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

**Teaching methods**

Lectures

**Assessment methods**

Written, graded examinations

**Language of instruction**

English

**Prerequisites**

None

**Year of study**

First academic year

**Semester**

Autumn semester

**Required reading:**

Opinto-opas 2006 - 2007 - Anatomy and physiology, G039-5 (G06NURSE)

Anatomy and physiology, G039-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 2.5 cr

Description:

Type of course: Compulsory
Level of course: Professional studies
Name of lecturer: Ms Kirsi Litmanen

Objective of course:
Students learn the structure and the main functions of the organs and systems and they are able to apply the information to practical work. Students recognise the concept of people as physical beings.

Course contents
- The structure and function of the musculo-skeletal system
- The structure and function of the digestive systems as well as the urinary tract.
- Regulation of metabolism
- Reproduction
- Sensory function
- Nervous system

Teaching methods
Lectures

Assessment methods
Written, graded examinations

Language of instruction
English

Prerequisites
None

Year of study
First academic year

Semester
Spring semester

Required reading:
Microbiology, G040-5 (G06NURSE)

Description:

Type of course: Compulsory

Level of course: Professional studies

Name of lecturer: Ms Kirsi Litmanen

Objective of course:
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 contents
- Microbe reproduction and life cycles
- Introduction to the most common infectious diseases and how to identify them
- Clinical immunology

Teaching methods
Lectures

Assessment methods
Written, graded examination

Language of instruction
English

Prerequisites
None

Year of study
First academic year

Semester
Spring semester

Required reading: To be agreed.
Englanninkieliset koulutusohjelmat 2006 - 2007

Nutrition, G041-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:
Type of course: Compulsory
Level of course: Professional studies
Name of lecturer: Ms Susanna Nuutinen
Objective of course:
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 contents
- Nutrition research and the nature of nutritional knowledge
  - Basics of nutritional physiology
  - Nutrition in different population groups, nutritional recommendations

Teaching methods
Lectures
Written assignments
Presentations

Assessment methods
Written, graded examination

Language of instruction
English

Prerequisites
None

Year of study
First academic year

Semester
Spring semester

Required reading: To be agreed
Englanninkieliset koulutusohjelmat 2006 - 2007

**Pedagogics, G042-5 (G06NURSE)**

*Degree Programme:* Degree Programme in Nursing

*Credits:* 1.5 cr

**Description:**

Type of course: Compulsory

Level of course: Professional studies

Objective of course:

Students are able to use both theoretical and practical knowledge on 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 contents**

- 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 supporting education

**Teaching methods**

Lectures
Seminars
Discussions

**Assessment methods**

Graded, written assignment and presentation

**Prerequisites**

None

Required reading: To be agreed

Name of lecturer: Ms A-M Äimälä

**Year of study**

First academic year

**Semester**

Autumn semester

**Language of instruction**

English
Englanninkieliset koulutusohjelmat 2006 - 2007

Psychology, G043-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1.5 cr

Description:

Type of course: Compulsory
Level of course: Professional studies

Objective of course:
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 contents
- The methodological foundation of psychological information
  - Cognitive processes
  - Motivation, emotions, personality
  - Interaction between people and their environment
  - Application areas of psychology

Teaching methods
Lectures
Discussions

Assessment methods
Written, graded examination

Prerequisites
None

Required reading: To be agreed

Name of lecturer: Ms Annamarja Ollikainen-Autiosaari

Year of study
First academic year

Semester
Spring term

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

Sociology, G044-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1,5 cr

Description:

Type of course: Compulsory
Level of course: Professional studies

Objective of course:
Students know the sociological perspective in social and health care issues. They
know the structures of society, social institutes and institutions 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 contents
- 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 the sociological perspective

Teaching methods
Lectures
Written assignments
Discussions

Assessment methods
Written, graded examination / assignment

Prerequisites
None

Required reading: To be agreed

Name of lecturer: Ms M. Halme

Year of study
Second academic year

Semester
Autumn semester

Language of instruction
English
Englanninkieliset koulutusohjelmat 2006 - 2007

**Social policy, G045-5 (G06NURSE)**

**Degree Programme:** Degree Programme in Nursing  
**Credits:** 1,5 cr

**Description:**

Type of course: Compulsory  
Level of course: Professional studies  
Objective of course:  
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 its various benefits to the client. Students know the influence economic issues have on the social and health care sector.

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

**Teaching methods**  
Lectures  
Discussions  
Assignments  
Presentations

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

**Prerequisites**  
None

Required reading: To be agreed

Name of lecturer: Ms M. Halme

**Year of study**  
Second academic year

**Semester**  
Autumn semester

**Language of instruction**  
English
Basics of research, YE004-5 (G06NURSE)

**Degree Programme:** Degree Programme in Nursing

**Credits:** 2 cr

**Description:**
Englanninkieliset koulutusohjelmat 2006 - 2007

Introduction to nursing science, G035-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1.5 cr

Description:
Introduction to statistics, YE006-5 (G06NURSE)

Degree Programme: Degree Programme in Nursing
Credits: 1.5 cr

Description: