



# Programme Syllabus

## **Nursing programme 180 ECTS credits**

**180 Credits \*)**

### *Sjuksköterskeprogrammet*

*180 högskolepoäng*

*Approved by the University Faculty Board, 21 February 2007  
This syllabus comes into force 1 July 2007*

*Revised, 13 October 2011  
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\*) 1 Credit = 1 ECTS

## **1. Objectives of the Educational Programme**

### **1.1 Objectives, as Specified in the Higher Education Act (1992:1434), Chapter 1, 8 §:**

Education at the Bachelor level requires the students to develop in the following areas:

- the ability to make independent and critical assessments
- the ability to independently identify, formulate and solve problems, and
- prepare the students to meet changes in the workplace.

Within the field of study, the students, in addition to developing knowledge and skills, will also develop the ability to:

- seek and evaluate knowledge on a scientific level
- follow the development of knowledge and
- exchange information with people who have a layman's level of knowledge in the field.

### **1.2 Degree Objectives, as Specified in the Higher Education Ordinance (1993:100), Appendix 2:**

#### **Degree in Nursing**

The nursing student should demonstrate the knowledge and skills required for certification as a nurse.

#### **Knowledge and comprehension**

- demonstrate knowledge of the discipline's foundation and an awareness of current research and developments as well as knowledge about the relationship between science and proven experience and the significance of professional practice,
- demonstrate knowledge of planning, management and coordination of health and medical work,
- demonstrate knowledge of the social conditions that affect children, women and men's health, and
- demonstrate knowledge of relevant legislation.

#### **Skills and abilities**

- demonstrate the ability to independently and in collaboration with the patient and patient's relatives identify health needs, set up care plans and provide care and treatment,
- demonstrate the ability to manage medication in a satisfactory manner, and to inform the patient about their medication in addition to any side effects of their medication,
- demonstrate the ability to identify needs and implement the promotion of good health and prevention practices,
- demonstrate the ability to initiate methodological improvement and quality

- assurance,
- demonstrate the ability to apply their knowledge to handle different situations , phenomena and issues based on individual and group needs,
- demonstrate the ability to inform and educate various groups and to carry out supervisory duties,
- demonstrate the ability to orally and in writing to present and discuss measures and patient outcomes with stakeholders and document these in accordance with relevant regulations
- demonstrate the capacity for teamwork and collaboration with other professionals, and
- demonstrate the ability to critically analyze, evaluate and use relevant information and to discuss new facts, phenomena and issues with different audiences and thus contribute to the development of the profession.

### **Values and attitudes**

- demonstrate self-awareness and empathy,
- demonstrate the ability to holistically make intervention assessments based on relevant scientific, social and ethical considerations with particular regard to human rights,
- demonstrate the ability to adopt a professional approach towards patients and their relatives, and
- demonstrate the ability to identify their need of further knowledge and to continuously develop their skills.

### **Bachelor's degree**

In order to receive a Bachelor's degree the student will :

### **Knowledge and comprehension**

- demonstrate knowledge and understanding in their main field of study, including knowledge of the disciplinary foundation, knowledge of applicable methods in the field, specialization in any part of the field and familiarity with current research issues.

### **Skills and abilities**

- demonstrate the ability to search for, collect, evaluate and critically interpret relevant information regarding a problem and to critically discuss phenomena, issues and situations;
- demonstrate the ability to identify, formulate and solve problems and to perform tasks in a timely manner,
- demonstrate the ability to orally and in writing to present and discuss information, problems and solutions in dialogue with different groups, and
- demonstrate the skills required to work independently within their field of study.

### **Values and attitude**

- demonstrate the ability to, in the major field of study, make judgments with respect to scientific, social and ethical aspects;
- demonstrate an understanding of the role of knowledge in society and the responsibility for how it is used, and
- demonstrate the ability to identify their need of further knowledge and develop their skills.

### **1.3 Objectives of the Programme**

The purpose of the nursing program is that students will attain the skills necessary to practice nursing and to provide opportunities for further academic studies. The program is governed ultimately by the Higher Education Act and the Higher Education Ordinance including the specific learning objectives identified in the degree description for Nursing. Furthermore, education designed in accordance with the EES Agreement (89/595, 90/658) and DS 1992:34, and by the National Board of Health competence description for a registered nurse (2005-105-1), and regulations SOSFS 1993:15 and 1993:17 SOSFS .

## **2. Main Structure of the Programme**

The program is comprised of 180 credits (ECTS) and consists of both theoretical and clinical courses. The program consists largely of self-directed web-based learning supported by information and communication technology with some instruction taking place on campus, as well as the clinical training (internships) in organizations engaged in health and social care in the county. The program consists of theoretical studies in the main field of Nursing and Medical Science in addition to clinical studies that have the goal of integrating and applying theoretical knowledge. The depth and scope of the subject will gradually increase during the program. The content that is studied throughout the program moves from the relatively simple needs of healthy people to the needs of sick people, from the needs of the general public to the needs of people with specific illnesses. During the clinical parts of the program there is a progression from observation and supervised participation, to a greater degree of independence in the assessment and implementation of health care. Gradually increasing levels of competence, which are identified by the nursing competencies, can be found in the mission statements of the internship which also includes a national clinical final examination. Program is divided into three principal parts.

Academic year 1: Topic: The nursing profession, health, the core values of nursing and the scientific domain.

Academic year 2: Topic: Preparation and implementation of nursing care for patients with specific needs.

Academic year 3: Topic: Managing and planning evidence-based care with a focus on complex care needs..

Throughout the program gender equality, diversity and internationalization in relation to health, disease and treatment will be studied and problematized. Students are also trained in the use of various forms of information and communication technology that can be used as a communication aid.

## **3. Courses of the Programme**

### **Academic year 1**

Topic: Nursing

The nursing profession, health, the core values of nursing and the scientific domain.

15,0 hp

Healthcare and Nursing Ethics, 7,5 hp

Person-centered care I, 12,0 hp

Methods for evidence-based care I, 7,5 hp

Topic: Medical Science

Anatomy and Physiology, 15,0 hp

Internship focused on nursing, \* 3,0 hp

## **Academic year 2**

Topic: Nursing

Specific care, Education and Communication, 15,0 hp

Internship in somatic and psychiatric care, \* 15,0 hp

Nursing Administration and Leadership, 7,5 hp

Topic: Medical Science

Pathology, modules 1-2, 15,0 hp

Internship in somatic and psychiatric care, \* 7,5 hp

## **Academic year 3**

Topic: Nursing

Palliative care, 3,0 hp

Internship in geriatric care and primary care, \* 7,5 hp

Methods for evidence-based care II, 7,5 hp

Thesis, 15,0 hp

Topic: Medical Science

Pathology, module 3-5, 4,5 hp

Internship in geriatric care and primary care, \* 7,5 hp

Elective clinical courses

Two courses totaling 14 credits at Level 2, for example:

Topic: Nursing

Clinical assessment and care planning, 7,5 hp

Psychiatric nursing, 7,5 hp

Palliative care, 7,5 hp

Topic: Medical Science

Emergency care, 7,5 hp

Internship = Workplace training,

\* The internship and the course topic are integrated.

## **3.1 Nursing**

Topics during the first academic year includes the nursing profession's history, the introduction of the main field nursing, ethics, and public health and the regulatory framework of the healthcare activities. Discussions are based on individual, family and global perspectives, taking into consideration culture and diversity. Key concepts and

theories in nursing and treatment record keeping, as well as training methods and techniques in nursing are covered. Man and an ethical humanist perspective is seen as the basis for health care relationships, this includes communication between caregivers and patients, with regard to the patient and the involvement of the patient's relatives.. The nursing process is a systematic approach to the organization of care, to identifying needs, giving and evaluating care which is processed from both a problem-solving and a salutogenic perspective.. The student will be trained in a critically reflective approach related to the development of knowledge and evidence, scientific methodology and quality improvement in nursing.

Topics in the second academic year includes communication , learning theories and pedagogical models based on the nurse's interfacing in an educational capacity, with people in different life situations. The student will be exposed to a deepening of theoretical concepts, methods and techniques of nursing care, including care planning and record keeping. The topics also include a nurse's supervisory role in the organization of care, knowledge of health economics and organization of care related activities in nursing. An emphasis is placed on a nurse's responsibility and the need for safety and quality of care. Knowledge of specific nursing processes is increased through the deepening of prior knowledge and training of nursing technical skills. The students' education will involve the basic knowledge and skills needed when coming in contact with people in need of nursing care, as well as reflecting on their own role in the interaction.

The student will gain a deeper knowledge in palliative care as well as in maternal and child healthcare with attention focused on an ethical humanist perspective. The student will gain a deeper knowledge and more precise skills based on the nursing process to meet general and specific care needs. The student will sit a clinical final examination with theoretical and practical knowledge components as well as write a thesis in the major subject.

### **3.2. Medical Science**

Topics during the first year include basic knowledge of the human body's normal structure and function at different ages along with knowledge of nutrition , clinical chemistry and infectious diseases with regard to hygienic principles. Basic pharmacology and drug calculations are also included.

Topics in the second academic year includes knowledge of pathological processes , the most common diseases and their treatment, specific pharmacology and drug calculations as a basis for nursing care documentation, taking into account the need for security in healthcare.

Topics during the third academic year includes knowledge of pathological processes as a basis for nursing care documentation in connection with more complex medical conditions. Disaster Medicine and the nurse's role in disaster relief operations are also included.

### **3.3 Clinical studies**

Clinical studies are an integral application and contribute to the deepening of knowledge in the theoretical subjects in Nursing and Medical Science. Studies are done in units of somatic, psychiatric and geriatric care, primary care, and in municipal health care

under the supervision of a registered nurse and clinical instructors with the support of a clinical lecturer.

The first academic year includes clinical training in geriatric care with basic application and training regarding interaction between the nurse and patient. The student will practice easier medical procedures. Training is given in regarding the knowledge and skills involved in assessing the need for help and resources to meet basic care needs based on a humanistic ethical perspective.

Topics in the second academic year are comprised of placement in two clinical practices in somatic and psychiatric care where the student will develop their knowledge and skills in specific nursing in specific areas of nursing. The student will develop a professional approach in meeting with patients and their families. The student's knowledge and skills is groomed from an ethical humanist perspective, working systematically according to the nursing process. Specific attention is given to medical record keeping. Informing and educating patients and their families with an emphasis on patient participation is also discussed. The student will deepen their knowledge and skills in the assessment of symptoms and medical procedures. The students are trained to use a reflective approach in relation to the contents of the clinical training and their own learning.

The third academic year includes three clinical training opportunities: One in primary care, one in palliative care and one in care for the elderly. This will provide in-depth knowledge of health promotion and disease prevention in first-line treatment, and nursing care for the complex state of ill health at the end of life. Using their knowledge and skills in the assessment and planning of care, the students will perform medical procedures more independently than in the first two years. The planning and supervision of nursing care and supervision and training of personnel are covered. Students use a reflective approach in relation to the contents of the clinical training and their own learning. Two elective clinical courses, each worth 7.5 credits are chosen in consultation with the program.

#### **4. Degree Awarded**

Students who completed the program courses successfully can apply to receive the Degree of Bachelor of Science in Nursing. The diploma recognized by the National Board of Health and the holder is issued the title of Registered Nurse.

This program leads to a Degree of Bachelor of Science, Main Field of Study: Nursing Science.

#### **5. Required Entry Qualifications**

Field-specific entry requirements 16/A14 or equivalent knowledge