



Faculty of Health, Science and Technology  
Nursing Science

## Syllabus

### Fundamentals of nursing and the nursing profession

**Course Code:** OMG001

**Course Title:** Fundamentals of nursing and the nursing profession  
*Omvårdnadens grund och sjuksköterskans profession*

**Credits:** 30

**Degree Level:** Undergraduate level

**Progressive Specialisation:** First cycle, has only upper-secondary level entry requirements (G1N)

#### Major Field of Study:

OMA (Nursing Science)

#### Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2017-09-06, and is valid from the Spring semester 2018 at Karlstad University.

#### Prerequisites

General admission requirements. Field-specific eligibility 16: Mathematics B, Civics A, Natural Science B, or Field-specific eligibility A14: Mathematics 2a/2b/2c, Natural Science 2, Civics 1b/1a1-1a2.

#### Learning Outcomes

Upon completion of the course, students should be able to:

Knowledge and understanding

1. Describe the characteristic features of the nursing profession
2. Give an account of different forms of knowledge and reflect on their own learning process
3. Describe basic ethical principles
4. Give an account of the consensus principle and common theories in the nursing field
5. Give an account of the nursing process
6. Give an account of the research process and research ethical principles
7. Distinguish between and describe theory of science perspectives and concepts
8. Demonstrate understanding of the importance of patient safety and quality assurance efforts
9. Describe different conceptions of the human being and basic human needs
10. Give an account of the meaning of biological sex and social gender
11. Give an account of the concept health and factors affecting human health in a global perspective
12. Give an account of human psychological development in a life cycle perspective
13. Give an account of the anatomical structure of the human body using the appropriate medical terms
14. Give an account of the normal functions of the human body from the individual cell to the physiological interplay of the organ system
15. Give an account of frequent analyses in clinical chemistry
16. Explain basic pathophysiological changes and the structure and function of the immune system

#### Competence and skills

17. Perform database searches independently, article writing and correctly apply a reference system and the conventions of academic writing
18. Perform common health technological methods independently

#### Judgement and approach

19. Demonstrate self-knowledge and empathetic approaches in communication and interaction with others.

### **Content**

Instruction is in the form of general introductory lectures, specialised lectures, seminars, skills training, individual assignments, group work, and portfolio assignments. The course integrates nursing 13 ECTS cr, medical science, 14 ECTS cr and social and behavioural science 3 ECTS cr, of which 1.5 ECTS cr is clinical placement in general medicine.

#### Content:

##### Nursing profession

- Forms of knowledge, reflection models, portfolio
- Basic ethical theories and principles
- Self-knowledge and empathy
- Communication and interaction

##### Conceptions of the human being, human rights, the Child Convention and societal aspects

- Normality and diversity, sex and gender
- Psychological development in a life cycle perspective
- Basic human needs
- Health concept and factors affecting health and social aspects of importance to health

##### Introduction to nursing theories and the concepts of consensus and patient safety

- Steps in the nursing process
- Introduction to person-centred nursing
- Theory of science, the research process, research ethics
- Database search, article writing and referencing
- Introduction to patient safety and quality assurance

##### Skills training

- Basic hygiene routines and clothing
- Sick bed
- Vital parameters
- Basic CPR

##### Common analyses and investigations in clinical chemistry and clinical physiology

##### Medical terms and concepts

##### Anatomy and physiology:

- Cell
- Endocrine system
- Nervous system, senses
- Locomotor system
- Circulation system
- Reproduction system
- Gastrointestinal tract, metabolism
- Respiration system
- Kidneys and urinary tracts, fluid balance
- Immune system

Basic pathophysiological changes:  
-Cell injury  
-Inflammation and tissue repair/regeneration

### **Reading List**

See separate document.

### **Examination**

Assessment is continuous throughout the course. Examination formats include individual take-home exam, written exam, seminars, group report and oral group presentation. Student performance in clinical placement is also assessed, based on at least 32 hours of clinical attendance per week.

A student who has failed to earn a Pass grade for course components is offered at least two more assessment opportunities within one year of the regular exam. A student who has failed to earn a Pass grade for the clinical placement is offered two more assessment opportunities as soon as circumstances permit.

### **Grades**

One of the grades Distinction (VG), Pass (G), or Fail (U) is awarded in the examination of the course.

### **Quality Assurance**

Follow-up relating to learning conditions and goal-fulfilment takes place both during and upon completion of the course in order to ensure continuous improvement. Course evaluation is partly based on student views and experiences obtained in accordance with current regulations and partly on other data and documentation. Students will be informed of the result of the evaluation and of any measures to be taken.

### **Course Certificate**

A course certificate will be provided upon request.

### **Additional information**

The course OMG001 cannot be included in the same degree programme as the courses BMGAB0, PSGA09 and OMGA10.

The local regulations for studies at the Bachelor and Master levels at Karlstad University stipulate the obligations and rights of students and staff.

A student who, in the examiner's judgement, will fail to obtain a Pass grade for the practical training component on the grounds of grave and unprofessional conduct may be required to immediately discontinue the placement.

As stipulated in the Higher Education Act Chapter 2, sect. 6, SFS 1992: 1434, and Regulations of Student Expulsion from Higher Education SFS 2007: 989, a student who suffers from mental disorder, abuses alcohol or drugs, or has been guilty of a serious offence endangering others or valuable property can be expelled until further notice. In such a case, the vice-Chancellor files a complaint to the Expulsion Board of Higher Education, which investigates the matter and makes a decision. A decision of expulsion shall always entail that the student must discontinue the education until further notice. The Expulsion Board of Higher Education is responsible for all Swedish higher education institutions.