



Faculty of Health, Science and Technology  
Nursing Science

# Syllabus

## Fundamentals of nursing and the nursing profession

<b>Course Code:</b>	OMG001
<b>Course Title:</b>	Fundamentals of nursing and the nursing profession <i>Omvårdnadens grund och sjuksköterskans profession</i>
<b>Credits:</b>	30
<b>Degree Level:</b>	Undergraduate level
<b>Progressive Specialisation:</b>	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 2021-09-14, and is valid from the Spring semester 2022 at Karlstad University.

### Prerequisites

General admission requirements and upper secondary level Mathematics 2, Natural Science 2, Civics 1b/1a1+1a2

### Learning Outcomes

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

Knowledge and understanding

1. Give an account of the characteristic features of the nursing profession,
2. Give an account of basic ethical principles and different views of human beings,
3. Give an account of the concept of consensus and common theories in the nursing field,

4. Give an account of the characteristic features of nursing and the nursing process,
5. Give an account of theory of science perspectives and concepts,
6. Give an account of the steps in the research process and principles of research ethics,
7. Give an account of basic human needs,
8. Give an account of the concept health and factors affecting human health,
9. Discuss the significance of men's violence towards women and violence in close relationships,
10. Give an account of human psychological development,
11. Give a basic account of the anatomical structure of the human body using the appropriate medical terms,
12. Give an account of the basic physiology of the human body from the individual cell to the organ systems,
13. Give an account of the basics of clinical chemistry, with a focus on common analyses, and
14. Give an account of basic pathophysiological changes and the function of the immune system.

#### Competence and skills

15. Perform database searches and give an account of the characteristics of scientific articles,
16. Apply correct referencing and academic writing, and
17. Perform basic cardiopulmonary resuscitation (CPR).

#### Judgement and approach

18. Reflect upon an empathetic approach and communication with others in nursing.

### **Content**

Instruction is in the form of general introductory lectures, specialised lectures, seminars, and group work. Mandatory skills training sessions and practical workshops are included. The course integrates nursing (13 ECTS cr, of which 1.5 ECTS cr is clinical placement in general medicine), medical science (14 ECTS cr), and social and behavioural science (3 ECTS cr).

#### The nursing profession

- Historical perspectives on the nursing profession
- The major subject - nursing
- The nursing code of ethics
- Core competencies
- Healthcare legislation
- Introduction to patient safety

#### Ethics, views of the human beings, and treatment

- Basic ethical theories and principles: autonomy, beneficence, justice and non-maleficence
- The value of a human life, biological and humanistic views of humans, human rights
- Normality and diversity, sex and gender, sexuality
- Empathetic approach and treatment
- Basic communication

#### Domestic abuse and men's violence against women

- Concepts related to violence
- The the extent of violence
- Factors of risk and protection in relation to violence
- Expressions and forms of violence, the process of normalization, the process of breaking up, and consequences

## Nursing

- The concepts of consensus, human being, health, environment, nursing
- The concept of the patient
- Introduction to nursing theories
- Steps in the nursing process
- Introduction to person-centered nursing
- Introduction to evidence-based care

## Science and the research process

- Introduction to theory of science
- Introduction to the research process
- Research ethics guidelines
- Introduction to database searches
- The structure of a scientific article

## Health, human needs, and psychological development

- Basic human needs
- The concept of health
- Public health
- Factors that have an impact on health
- Lifestyle factors
- Health from societal and global perspectives, and related to the global goals of sustainable development,
- E-health
- Human psychological development

## Anatomy and physiology

- Cell
- Endocrine system
- Nervous system, senses
- Musculoskeletal system
- Circulation system
- Respiration system
- Kidneys and urinary tracts, fluid balance
- Reproduction system, obstetrics
- Gastrointestinal tract, metabolism
- Immune system
- Common analyses and examinations in clinical chemistry and clinical physiology
- Medical terms and concepts

## Basic pathophysiological changes

- Cell injury
- Inflammation and tissue repair/regeneration

## Skills training

- Basic hygiene and clothing guidelines
- The care bed
- Vital signs

## Workshops

- Experiential workshop - the senses
- Peer teaching with students from other stages of the programme

## **Reading List**

See separate document.

### **Examination**

Assessment is continuous throughout the course. Examination formats include individual home exams, individual written exams, individual net-based exams, and individual oral presentations. Other examination formats include seminars (individual contributions must be clearly indicated) and group reports where the group receives a grade. A clinical practice is included, with at least 32 hours of mandatory attendance.

A student who has failed to obtain a Pass grade at a regular exam date is offered at least two more re-examinations within a year. A student who has failed to obtain a Pass grade for the clinical placement component will be offered two new examination opportunities as soon as circumstances permit.

Supplementary revisions of home exams is permitted if the result is close to the requirements for a Pass grade (only small revisions required). Additional material must be submitted within six days of notification. Only the additional material asked for by the teacher will be assessed in accordance with the assessment criteria, and if it does not reach the minimum level for a Pass, a grade of Fail will be reported.

Skills training sessions, experience workshop, and peer teaching workshops are mandatory.

If students have a decision from Karlstad University entitling them to Targeted Study Support due to a documented disability, the examiner has the right to give such students an adapted examination or to examine them in a different manner.

### **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 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.

Required course for the Nursing Programme.

A student who, in the examiner's judgement, will fail to obtain a Pass grade for the practical placement 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 4, 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.