



Faculty of Health, Science and Technology  
Nursing Science

# Syllabus

## Nursing in relation to acute situations

**Course Code:** OMG004

**Course Title:** Nursing in relation to acute situations  
*Omvårdnad vid akuta situationer*

**Credits:** 7.5

**Degree Level:** Undergraduate level

**Progressive Specialisation:** First cycle, has at least 60 credits in first-cycle course/s as entry requirements (G2F)

**Major Field of Study:**

OMA (Nursing Science)

### Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2019-02-19, and is valid from the Autumn semester 2019 at Karlstad University.

### Prerequisites

Fundamentals of Nursing and the Nursing Profession, 30 ECTS credits, and at least 26 ECTS credits completed in Fundamentals of Nursing, 30 ECTS credits, including Drug Dosage Calculation 1, or equivalent

### Learning Outcomes

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

Knowledge and understanding

1. Give an account of the preparedness and organisation of health care in connection with a major incident and current safety regulations in case of fire and accident/disaster, and
2. Give an account of and arguments for the examinations and treatments required to nurse patients in acute situations.

#### Competence and skills

3. Prioritise and independently carry out structured assessments and provide adequate care in connection with acute situations,
4. Cooperate in teams in connection with acute situations, and
5. Prioritise and use appropriate medical technology methods independently.

#### Judgement and approach

6. Identify and reflect on ethical problems in connection with acute situations.

#### Content

The course deals with emergency and disaster preparedness in society and in healthcare in a national and international perspective. The psychosocial care and crisis intervention in connection with a major incident are treated. During the clinical placement period in emergency care, students focus on the care needs of patients and reflect on ethical dilemmas. Students deepen their knowledge and skills regarding structured assessment, prioritising and acute nursing, and develop their abilities through different simulation situations, and also gain experience of working in a team in emergency situations. The course has a focus on emergency situations in prehospital situations and in a clinic.

The course comprises the following components:

- emergency and disaster preparedness in society and in healthcare, nationally and internationally
- regulations pertaining to disasters and major incidents
- the responsibility of the nurse and cooperation in disasters and major incidents
- psychosocial care of the injured, next of kin, and co-workers in connection with acute situations and major accidents/disasters
- acute nursing of patients in emergency medical conditions relating to the central nervous system and respiratory and circulatory failure
- specific pharmacology related to acute medical conditions
- structured assessment of vital parameters
- medical technological equipment and safety regulations
- collaboration in teams
- ethical problems in emergency situations
- skills training/simulation in the care of acutely ill patients involving structured assessment and cooperation in a team (priority assessment on site, creating free airways, different forms of breathing support, shock treatment, SBAR)
- pharmaceutical calculation in diluting pharmaceutical drugs used in emergency situations.

Instruction is in the form of lectures, seminars, skills training/simulation, case methodology, and supervision. Clinical placement corresponding to 1.5 ECTS cr (32 hours) is carried out in emergency units.

#### Reading List

See separate document.

#### Examination

Assessment is based on an individual written exam, an individual take-home assignment discussed in a follow-up seminar, and individual practical performance. The practical placement is verified by an attendance certificate. Students who have failed to earn a Pass grade in an exam are offered a new opportunity on at least two occasions within a year of the original exam date. Students who have failed to obtain a Pass grade for the clinical placement period will be offered two new assessment opportunities as soon as circumstances permit.

## **Grades**

One of the grades Fail (U), Pass (G) or Distinction (VG) is awarded in the examination of the course. The grade for the whole course is awarded when a student has passed all examinations and presented the attendance certificate for the clinical placement.

## **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**

Students who enrolled before 1 July 2007 will complete their studies in accordance with the requirements of the earlier admission. Upon completion students may request degree and course certificates to be issued under the current ordinance if they meet its requirements.

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

Mandatory course for the Nursing programme.

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 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 Rector 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.