



Faculty of Health, Science and Technology  
Nursing Science

Syllabus

**Course Approval**

The syllabus was approved by the Faculty Board of Health, Science and Technology on 6 March 2014, and is valid from the Autumn semester of 2014 at Karlstad University.

**Course Code:** OMA404

**Prehospital emergency assessment and care, 7.5 ECTS Credits**

**(Bedömning och vård inom ambulanssjukvård, 7.5 Swedish credit points)**

**Degree Level:** Master

**Progressive Specialisation:** A1N (Second cycle, has only first-cycle course/s as entry requirements)

**Language of Instruction**

Swedish.

**Prerequisites**

Nursing licence issued by the National Board of Health and Welfare.

Nursing degree of 180 ECTS cr including a degree project of at least 15 ECTS cr or a Bachelor's degree in nursing, or equivalent. Fulltime work as a nurse for at least 12 months. Upper secondary level Swedish B/Swedish as a second language and English A or equivalent.

**Major Field of Study**

OMA (Nursing Science)

**Learning Outcomes**

The course is divided into two themes: Care Techniques and Routines and Structured Assessment.

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

**Theme Care Techniques and Routines**

- plan and choose a technique in the care of the injured and ill,
- plan and apply as well as assess techniques in the care of the injured and ill,
- give an account of safety routines in the emergency vehicle in connection with traffic accidents and in threatening situations,
- identify and compare science paradigms.

**Theme Structured Assessment**

- give an account of the principles of the structured assessment of the injured and ill,
- discuss and use structured assessment in the care of the injured and ill,
- evaluate and reflect on the structured assessment in the care of the injured and ill,
- evaluate aspects of diversity and ethical considerations in the practical care of the injured and the ill and their next-of-kins,
- identify and reflect on research ethical problems and considerations.

**Content and Form of Instruction**

The course integrates nursing (3.75 ECTS cr) and medical science (3.75 ECTS cr).

Instruction is in the form of lectures, field studies, study assignments, seminars and practical exercises and patient simulator training. All instruction has an emphasis on evidence-based knowledge. The course is offered part-time and partly as distance education, partly on campus and in the training area. These components are in some cases concentrated to a number of consecutive days on campus.

#### Theme Care Techniques and Routines

The theme centres on the techniques and routines related to prehospital care such as communication, safety, patient transport, medical technical equipment and immobilizing equipment, and threats and violence in connection with the care of addicts and the mentally ill. Prehospital emergency care is studied by means of field studies and hands-on exercises. The methods and regulations on hygiene in the prehospital context are studied in theory and practice and science paradigms are studied in relation to the prehospital research field.

#### Theme Structured Assessment

Students study and practice methods of structured assessment of the injured and the ill by means of patient simulator. The structured assessment has an emphasis on: assessment of the accident site, assessment of the course of events, initial assessment of vital bodily functions, directed anamnesis and medical examination. Aspects of diversity and ethics in relation to the prehospital situation are treated. Research ethical problems and considerations are studied in relation to the prehospital research field.

#### Reading List

See separate document.

#### Examination

Assessment is based on individual, written exams and on practical performance. The written exam cover the theoretical parts of the two themes. The practical assessment is carried out in two parts: examination of structured assessment using patient simulator, and examination of care techniques and safety based on practical exercises.

#### 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

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's and Master's levels at Karlstad University stipulate the obligations and rights of students and staff.

Required course for the specialist nursing programme: prehospital emergency care.

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