



Faculty of Health, Science and Technology
Nursing Science

Syllabus

Prehospital emergency assessment and care

Course Code:	OMA407
Course Title:	Prehospital emergency assessment and care <i>Bedömning och vård inom ambulanssjukvård</i>
Credits:	7.5
Degree Level:	Master's level
Progressive Specialisation:	Second cycle, has only first-cycle course/s as entry requirements (A1N)

Major Field of Study:

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2023-02-22, and is valid from the Autumn semester 2023 at Karlstad University.

Prerequisites

Nursing licence issued by the National Board of Health and Welfare. A nursing degree of at least 180 ECTS credits (including a degree project of 15 ECTS credits) or a Bachelor degree in nursing (including a degree project of 15 ECTS credits), plus at least 12 months full-time work experience as a licensed nurse, plus upper secondary level Swedish 3 or Swedish as a second language 3 and English 6/A, or equivalent

Learning Outcomes

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

- plan, apply, and evaluate work methods in the prehospital care of injured and ill persons,
- give an account of safety routines in the emergency vehicle and in threatening situations,
- explain the relation of different science paradigms to research questions and problems, and their significance for selecting methods for research in nursing,
- independently apply structured assessment in prehospital care of injured and ill persons,
- give an account of and evaluate the principles of structured assessment and prehospital

care of injured and ill persons,

- evaluate aspects of diversity and ethical considerations in practical prehospital care in relation to injured and ill persons and their next-of-kin, and
- identify and reflect upon research ethical problems and considerations in nursing research.

Content

The course integrates Nursing (3.75 ECTS cr) and Medical Science (3.75 ECTS cr).

Instruction is in the form of lectures, field studies, assignments, seminars, practical exercises, and patient simulator training. The course is offered 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.

The course covers work methods and safety routines related to the prehospital care context. Emergency care is studied theoretically as well as through field studies and practical exercises. Theory of science is studied with an emphasis on differences and similarities between different scientific paradigms related to the prehospital research field. Students also study and practice methods of structured assessment of injured and ill persons by means of a 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 legislation and the regulations pertaining to the prehospital research field.

Reading List

See separate document.

Examination

Assessment is based on an individual written take-home exam, seminars, and practical performance. The written exams and the seminars cover the theoretical parts of the course. The individual practical assessment is carried out in two parts: examination of structured assessment using a patient simulator in a clinical training centre, and examination of work methods and safety based on practical exercises.

The examiner may decide that a student who is very close to a passing grade can complete a supplementary assignment to receive a passing grade for a specific examination. Additional examination material must be submitted within six days of notification. The supplementary assignment only is then assessed in accordance with the assessment criteria, and if it is insufficient, a grade of fail (U) will be given.

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 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 Specialist Nursing programme: Prehospital Emergency Care