



Faculty of Health, Science and Technology
Nursing Science

Syllabus

Prehospital care, practice II

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| Course Code: | OMA410 |
| Course Title: | Prehospital care, practice II <i>Ambulanssjukvård, verksamhetsförlagd utbildning II</i> |
| Credits: | 7.5 |
| Degree Level: | Master's level |
| Progressive Specialisation: | Second cycle, has second-cycle course/s as entry requirements (A1F) |

Major Field of Study:
OMA (Nursing Science)

Course Approval

The syllabus was approved by the Faculty of Health, Science and Technology 2026-01-14, and is valid from the Autumn semester 2026 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 at least 15 ECTS credits) or a Bachelor degree in nursing (including a degree project of at least 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 or A, or Swedish level 3 or Swedish as a second language level 3 and English level 2, and Prehospital care, practice I, 7.5 ECTS credits, or equivalent

Learning Outcomes

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

Knowledge and understanding

1. explain the relationships between pathophysiology, symptoms, treatment, and nursing care needs in individuals of different ages with illness or injury within the context of ambulance and prehospital emergency care, and
2. analyse evidence-based knowledge and established clinical practice and its significance in relation to the complex nursing care needs of ill or injured individuals.

Competence and skills

3. use medical technical equipment and information and communication technologies, and be responsible for information transfer within the healthcare team and to other collaborating entities within the continuum of care,
4. initiate, perform, and evaluate medical treatment and nursing care based on a structured assessment of the ill or injured person,
5. apply hygienic and aseptic principles and safety procedures concerning both the patient and the healthcare team, and
6. apply medical leadership and triage in situations involving major incidents, mass-casualty events, and disasters.

Judgement and approach

7. demonstrate self-awareness, empathy, accuracy, and sound professional judgement,
8. reflect upon how nursing care and treatment of the ill or injured person and their next of kin are influenced by their own values and perspectives related to age, gender equality, and ethnicity,
9. take responsibility for their own professional development by identifying and evaluating the need for further knowledge and competence,
10. identify and analyse situations in which an ill or injured person has been subjected to men's violence against women, domestic violence, or honour-related violence or oppression,
11. identify and analyse situations in which the ambulance nurse has been exposed to threats or violence, and
12. reflect upon whether existing routines and methods within ambulance services are followed and are consistent with evidence-based practice and established clinical experience.

Content

Nursing (3 ECTS cr) and Medical Science (4.5 ECTS cr) are integrated in the course. The course is conducted as clinical placement (VFU) over a period of five weeks, comprising 32 hours per week, one week of which is completed in an anaesthesia setting. Mandatory attendance applies during the clinical placement, and the course is conducted on a full-time basis.

During the clinical placement, ambulance and prehospital emergency care is studied through the integration and deepening of practical and theoretical knowledge. Various models, theories, and methods that underpin the professional practice of the ambulance nurse are applied.

Throughout the course, students practise communication, patient transfer and mobilisation, handling of medical technical equipment, safety procedures, and advanced pediatric life support (A-PLS). The A-PLS training is conducted at a clinical training centre (KTC) and initiates the clinical placement course in accordance with the guidelines of the national resuscitation council. Furthermore, the course includes the study and application of structured patient assessment, care and treatment, prioritisation, and selection of level of care. Ethical principles, nursing documentation, and information delivery to the patient, next of kin, and healthcare team are also applied. In addition, medical leadership at the scene and triage are practised.

During the clinical placement in the anaesthesia department, students practise techniques for airway management and for monitoring and evaluating the patient's respiratory status, as well as monitoring, evaluating, and reflecting on the effects of administered medications.

Students are given the opportunity to develop a professional and clinically appropriate approach to patient care by demonstrating respect for the patient's dignity, integrity, and autonomy, and by exhibiting professional conduct characterised by insight, sound judgement, and competence.

Reading List

See separate document.

Examination

The clinical placement (VFU) is assessed through evaluation in the clinical setting. The assessment is conducted during a three-party discussion involving the student, the clinical supervising nurse or principal supervisor, and a teacher from the Study Programme for Specialist Nursing in Prehospital Emergency Care at Karlstad University. A validated assessment tool is used during these discussions, which take place midway through the VFU period and at a final assessment at the end of the placement.

Assessment is based on an individual written take-home exam as well as an individual practical examination involving patient cases in an ambulance setting or simulated patient cases at the Clinical Training Centre (KTC). The examinations cover structured patient assessment and the application of medical treatment and nursing care.

Students who have received a grade of Fail (U) for the clinical placement will be offered a new assessment opportunity as soon as this can be organised, no later than within one year.

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.

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 skills and conduct that may cause injury may be required to immediately discontinue the practical training. The discontinuation means that the examiner has failed the student. A student whose practical

placement has been discontinued on the grounds of grave and unprofessional skills and conduct may not retake the practical placement until the examiner has ascertained that the student has the knowledge and skills required to re-take the practical placement. The decision must be submitted in writing and clearly state the grounds for the discontinuation. An individual study plan is then drawn up and approved for the student and specify the student's knowledge gaps and inadequate skills, the support offered to the student by the university, how the knowledge will be tested and when the first test will take place. The student has the right to two clinical placement periods to obtain a Pass grade.

As stipulated in the Higher Education Act Chapter 4, sect. 6, SFS 1992:1434, and 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.

Required course for the Specialist Nursing Programme: Prehospital Emergency Care