

## **AMSP12, Advanced Prehospital Emergency Nursing II, 15 credits**

*Specifik omvårdnad med inriktning ambulanssjukvård II, 15 högskolepoäng*

**Second Cycle / Avancerad nivå**

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### **Details of approval**

The syllabus was approved by Board of Health Sciences Education on 2014-10-02 to be valid from 2015-01-19, spring semester 2015.

### **General Information**

The course is included as a compulsory component of the Postgraduate Diploma programme in Specialist Nursing specialising in Prehospital Emergency Care, 60 credits. It includes clinical training amounting to 7.5 credits. The course complies with the guidelines of the Higher Education Ordinance (SFS 1993:100 with later amendments).

*Language of instruction:* Swedish  
Some components may be in English.

*Main field of studies*

Nursing

*Depth of study relative to the degree requirements*

A1N, Second cycle, has only first-cycle course/s as entry requirements

### **Learning outcomes**

#### **Knowledge and understanding**

On completion of the course, the students shall be able to

- identify ethically difficult situations within prehospital emergency care
- identify needs of improvement within prehospital emergency care
- informed by specialised knowledge about collaborating organisations, analyse and explain the different roles and areas of responsibility of prehospital

emergency care, including the role of the prehospital emergency nurse in operational healthcare management

### **Competence and skills**

On completion of the course, the students shall be able to

- organise and perform nursing tasks from the perspectives of safety, vulnerability, exposure and well-being, and be able to adapt the pace of nursing
- independently conduct assessment, prioritisation, planning and treatment based on symptoms and signs
- actively participate in interprofessional learning and develop teamwork, and cooperate with other professional groups and organisations in both everyday work and in the context of accidents or disasters
- reflect on their own knowledge and skills and be able to evaluate their own performance
- argue for theories and models related to leadership and organisation within prehospital emergency care
- argue for theories and models related to the management, organisation and development of care, and apply and evaluate tools for systematic patient safety
- formulate issues related to patient safety, quality assurance and leadership within prehospital emergency care

### **Judgement and approach**

On completion of the course, the students shall be able to

- approach the nursing process from the perspectives of relevant research, actual practice and theories
- apply ethical awareness and an approach safeguarding the safety, participation and integrity of patients in the nursing situation and the organisation

### **Course content**

The course consists of two modules:

Module 1: Clinical training 7.5 credits

Pharmacokinetics and pharmacodynamics  
 Acute medical, surgical and psychiatric diseases  
 Laws, statutes and safety regulations  
 Transport of vulnerable individuals  
 Medical technology including methods of measurement  
 Ambulance equipment and ergonomics  
 Hygienic principles  
 Microbiology  
 Triage and assessment

*Method exercise:*

- Objective structured clinical examination (OSCE)

## Module 2: Leadership, informatics and quality assurance procedures 7.5 credits

### Prehospital healthcare management

Triage and assessment

Collaboration in teams with other organisations

Specific nursing at major events or disasters

CBRNE (Chemical, Biological, Radiation, Nuclear, Environmental) knowledge

Crisis psychology

Regional, national and international disaster preparedness

Improvement work

Evidence-based care

Informatics

### *Method exercises:*

- Disaster and collaboration exercise
- Inventory and prioritisation exercise

## Course design

The teaching and learning activities are designed so as to enable students to develop a specialised understanding and are characterised by an active search for knowledge, problem solving, reflection and critical analysis. Among the work methods used are independent study, group work, peer review, skills training, seminars and lectures. Absence from compulsory learning activities can be compensated for by other learning activities.

Clinical training comprises 32 hours a week on average and may take place all times of the day all days of the week. It includes organised supervision and skills training.

## Assessment

Clinical training is assessed individually and in accordance with a standardised form. One opportunity for clinical training is arranged for each time the course is offered. Students who fail to pass at the first opportunity will be offered a second opportunity for clinical training. There are only two opportunities for clinical training. A student who fails the clinical training twice must discontinue his or her studies.

Students who interrupt their clinical training prematurely, i. e. when 40 percent or more of the total course period has elapsed, shall be graded (Pass/Fail) and will have lost an opportunity for clinical training. The clinical training must be discontinued if the student commits serious errors during clinical training because of gaps in knowledge or skill and the student must be graded (Pass/Fail) prematurely. An individual plan will be drawn up for the student. Clinical training may only be resumed when the student has demonstrated that the shortcomings have been remedied.

Theoretical components: One examination and two opportunities to retake the examination are arranged for each subject examined. Students who do not achieve a pass on any of these occasions will be able to retake the examination on a later occasion. There are six opportunities for re-examination of each subject examined. A student who has failed an examination six times must discontinue his or her studies.. A student who has failed an examination on a course twice is entitled to request that another examiner be appointed by the programme director.

At re-examination, individual examination may replace group examination.

*Subcourses that are part of this course can be found in an appendix at the end of this document.*

## **Grades**

Marking scale: Fail, Pass.

For a pass on the course, the student must have passed all the subjects examined.

## **Entry requirements**

- Registered nurse and a degree in nursing comprising at least 180 credits including a degree project of 15 credits or the equivalent
- Professional experience corresponding to at least one year as a registered nurse

The courses are to be studied in the order they are offered.

## Subcourses in AMSP12, Advanced Prehospital Emergency Nursing II

Applies from V15

- 1501 Advanced Nursing in Prehospital Emergency Care, 5,0 hp  
Grading scale: Fail, Pass  
Individual formative assessment according to established criteria (form) including oral review (clinical training).
- 1502 Reflection, 2,0 hp  
Grading scale: Fail, Pass  
Written individual assignment.
- 1503 Assessment and Management in Prehospital Emergency Care, 0,5 hp  
Grading scale: Fail, Pass  
Practical individual application (OSCE).
- 1504 Cooperation, xxxx and Supervision, 3,0 hp  
Grading scale: Fail, Pass  
Written group assignment including oral presentation in groups with individual assessment.
- 1505 Improvement Work and Informatics, 2,5 hp  
Grading scale: Fail, Pass  
Written group assignment including oral presentation in groups with individual assessment.
- 1506 Health Care Leadership and Disaster, 2,0 hp  
Grading scale: Fail, Pass  
Individual written assignment, practical application and compulsory learning activities (specified in textbook).