



Course syllabus

Faculty of Health and Life Sciences

Department of Health and Caring Sciences

4VÅ612 Ambulanssjukvård, 22,5 högskolepoäng

Ambulance Care in the context of Nursing, 22.5 credits

Main field of study

Medical Science, Caring Science

Subject Group

Nursing Science

Level of classification

Second Level

Progression

A1N

Date of Ratification

Approved 2015-02-23

Revised 2017-06-08 by Faculty of Health and Life Sciences. The literature list has been revised.

The course syllabus is valid from autumn semester 2017

Prerequisites

Basic entry requirements for studies at advanced level and special entry requirements:

- Degree of Bachelor of Science in Nursing of 180 credits or equivalent
- Registered Nurse – Swedish registration
- Degree of Bachelor in Caring Sciences or equivalent
- Has worked professionally as a nurse for the equivalent of at least 12 months full time
- Swedish B/Swedish 3
- English A/ English 5

Objectives

After completion of the course, in the context of ambulance care the student is expected to be able to:

- Apply, analyse and evaluate a professional approach to patients, relatives and staff
- Identify and analyse ethical dilemmas and problems related to lifeworld theory and systems theory
- Integrate and explain and analyse the physiological and pathological processes related to organ systems and their complex interactions Plan, implement and evaluate prehospital assessments and emergency medicine treatments to identify care needs in collaboration with the patient and his/her relatives
- Problematize and analyse factors of importance for patient safety and quality development

- Initiate, implement and evaluate health promotion and prevention efforts from a societal perspective
- Apply knowledge of organisations in the event of major accidents and disasters and apply traumatology principles
- Argue for and evaluate the importance of maintaining the patient perspective in nursing care
- Reflect on and analyse his/her own knowledge and own efforts in order to continuously develop his/her skills

Module 1 7.5 credits

- The patient's world in a prehospital care context
- The ambulance care nurse's professional and functional responsibilities
- Frequently arising care situations in the ambulance care context
- Physiological processes related to organ systems
- Assessment of the acutely ill patient
- Care hygiene in an ambulance care context
- Ergonomics and Occupational Health & Safety for the Ambulance Care Nurse including sustainable development
- The course includes clinical training of approximately one week (1.5 credits)

Module 2 7.5 credits

- The patient's world in the prehospital care context in relation to ethical dilemmas
- Pathophysiological processes related to organ systems
- Pain physiology
- Medical technology, knowledge of devices and methods of measurement
- Assessment treatment of the acutely ill patient in the context of diversity
- Emergency medical treatment
- The course includes clinical training of approximately one week (1.5 credits)

Module 3 7.5 credits

- The patient's world in the prehospital care context in relation to complex care situations
- Pathophysiological processes and nursing in connection with the failure of the vital functions
- Assessment and treatment of the acutely ill and/or injured patient and specific conditions
- Trauma and disaster medicine
- Community rescue services and emergency care's disaster response planning
- Team work and interprofessional collaboration
- Care in the final stages of life
- The course includes clinical training of approximately one week (1.5 credits)

Type of Instruction

- Individual project
- Work in group
- Lectures
- Seminars
- Field studies
- Scenario training

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

The course is assessed with the graded Failed, Pass or Pass with credit. Each module is examined in the form of a clinical examination and a written multi-stage examination in relation to the content of the module. To achieve a Pass grade, the objectives of the course must be met. To achieve a Pass with credit grade requires a Pass with credit in two of the three written examinations. Retaking the examination is offered.

Course Evaluation

A course evaluation is conducted during the course or shortly after the course. The results and analysis of the course evaluation are to be provided to the students who completed the course and the students enrolled for the next time the course is run. The course evaluation is completed anonymously.

Required Reading and Additional Study Material

Almerud Östberg, S. & Nordgren, L. (Red.). *Akut vård ur ett patientperspektiv*. Lund: Studentlitteratur, Latest edition, approx. 75 pp

American Academy of Pediatrics (COR), Fuchs, S., Klein, B.L.: *Pediatric Education for Prehospital Professionals*. Burlington: Jones and Bartlett Publishers, Inc., Senaste upplagan, ca. 455 pp

Braun, C.A. & Anderson, C.M. (Latest edition). *Patofysiologi*. Lund: Studentlitteratur, Latest edition, approx. 300 pp

Dahlberg, K. & Ekman, I. (Red.). *Vägen till patientens värld och personcentrerad vård*. Stockholm: Liber, Latest edition, approx. 350 pp

Dalton, A. L., Limmer, D., Mistovich, J.J. & Werman, H. A. *Advanced Medical Life Support*. New Jersey: Brady, Latest edition, approx. 300 pp

Edberg, AK., Ehrenberg, A., Friberg, F., Wallin, L. Wijk, H. & Öhlén, J. *Omvårdnad på avancerad nivå: kärnkompetenser inom sjuksköterskans specialtområden*. Lund: Studentlitteratur, latest edition, approx. 200 pp.

Elmqvist, C. & Almerud Österberg, S. *Akut omhändertagande av trauma på skadeplats och på akutmottagning*. Lund: Studentlitteratur, latest edition, approx. 150 pp.

Jacobsen, B. *Existensens psykologi: en introduktion*. Stockholm: Natur och Kultur, Latest edition, approx. 150 pp

evon, P. & Ewens, B. *Att övervaka patienter med livshotande sjukdom*. Lund: Studentlitteratur, Latest edition, approx. 400 pp

Kaplan, A. *Lärobok för barnmorskor*. Lund: Studentlitteratur, Latest edition, approx. 100 pp

Nilsson, H. & Kristiansson, T. *Katastrofmedicinsk beredskap att leda sjukvård på ett särskilt sätt*. Lund: Studentlitteratur, latest edition, approx. 170 pp.

Norman, E & McSwain, Jr. & Frame, S. *PHTLS, Prehospital trauma life support*. St Louis: Mosby inc., Latest edition, approx. 300 pp

Suserud, BO., Svensson, L. *Prehospital akutsjukvård – från larm till vårdenhet*. Stockholm: Liber, Latest edition, approx. 300 pp

Werner, M. & Strang, P. *Smärta och smärtbehandling*. Stockholm: Liber, Latest edition, approx. 100 pp

Öquist, O. *Svstemteori i praktiken: konsten att lösa problem och nå resultat*.

Stockholm: Gothia förlag, Latest edition, approx. 100 pp.

Relevant regulations, statutes and scientific journal articles