



Course syllabus

Faculty of Health and Life Sciences
Department of Health and Caring Sciences

4VÅ555 Anestesisjukvård, 15 högskolepoäng
Anaesthesia Care in the context of Nursing, 15 credits

Main field of study

Caring Science

Subject Group

Nursing Science

Level of classification

Second Level

Progression

A1F

Date of Ratification

Approved 2011-04-18

Revised 2014-09-17 by Faculty of Health and Life Sciences.

The course syllabus is valid from autumn semester 2014

Prerequisites

- General entry requirements consisting of Nursing Degree of 180 credits or equivalent degree from another country
- Bachelor of Science in Caring Science or equivalent

Objectives

Knowledge and Understanding

On completion of the course, students should independently be able to:

- integrate caring science and medical sciences by using models, methods and techniques within the area of skills as a basis
- analyse and evaluate problem areas of importance for the care of a sick or injured patient
- evaluate risk for spread of infection as well as relate to hygienic principles

Skills and Abilities

On completion of the course, students should independently be able to:

- carry out perioperative evaluations for the care of the patient; reflect over and analyse factors of importance for patient safety and quality development
- on the basis of anaesthetic foundations and perioperative nursing, describe and compare anaesthetic medicine, anaesthetic methods, medical metrics and apparatus
- apply relevant law, statute and safety provisions

- apply knowledge concerning organization during major accidents and catastrophes
- apply traumatology principles

Judgment and Approach

On completion of the course, students should demonstrate the ability to:

- understand the importance of maintaining the patient-perspective in nursing
- evaluate and reflect over patient and family situations as well as specific needs from a diversity perspective
- reflect over and analyse different factors of importance for communication, management, organization and working environment
- problematize the development and function of the professional role, nationally and internationally
- reflect over different ethical considerations and ethical dilemmas
- analyse and reflect over their own knowledge and their own efforts

Content

The following elements are included in the course:

Module 1 7.5 credits

- Perioperative care and nursing of patients in an anaesthesia care context
- Perioperative evaluations and treatment of patients before, during and after anaesthesia
- The professional role and functional responsibility of the anaesthetic nurse
- Rules and steering documents such as law, statute and safety provisions
- Medical techniques, apparatus learning and methods of measurement
- Nursing in connection with failure of vital functions

Module 2 7.5 credits

- Perioperative nursing of patients in an anaesthesia care context from a diversity perspective
- Nursing in connection with different surgical operations, thermal damage, intoxication as well as traumatology
- Care in the final stages of life and organ donation
- AHLR
- Societies rescue organization as well as prehospital disaster preparedness
- Ethics
- Stress theory, coping theory as well as conscience stress

Type of Instruction

Teaching is built on a problem-oriented method of working with active knowledge-seeking, critical thinking and problem solving. The teacher-led teaching is carried out in the form of lectures, seminars, field studies and application exercises.

Obligatory attendance is expected throughout the entire course or parts of it and this is specified in all schedules and/or study guidelines.

Examination

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

In order to receive a grade of pass, all expected learning outcomes must be achieved. For grade of pass with credit, please see the study guidelines. The course is examined through oral and/or written individual examinations.

A resit examination is offered within six weeks. In total, five resit examinations will be offered (Higher Education Ordinance 6 Chapter 21 §) of which two resit examinations will be offered during regular semester hours.

Students at Linnaeus University can, at request, receive their grades in ECTS credits, according to the ECTS-scale. This re-quest should be made at the introduction of the course.

Course Evaluation

A written evaluation is carried out and compiled in a report, which is archived at the institution. The results, along with possible measures taken, are reported to the students the next time the course is given.

Required Reading and Additional Study Material

Gulbrandsen, T. & Stubberud, D-G. (Latest edition). *Intensivvård- Avancerad omvårdnad och behandling*. Polen: Studentlitteratur, (200 p).

Nagelhout John J & Plaus Karen L. *Nurse Anesthesia*. St. Louise, Missouri: Elsevier Saunders. Senaste upplagan, 1375 s.

Hovind, I. L. (Latest edition) *Anestesiologisk omvårdnad*. Lund: Studentlitteratur. (300 p.)

Lindwall, L & von Post, I (Latest edition) *Perioperativ vård –att förena teori och praxis*. Lund: Studentlitteratur. (150 p.)

Simonsen, T., Aarbakke, J., Hasselström, J. & Lyså, R. (Latest edition) *Illustrerad farmakologi 2. Sjukdomar och behandling*. Järfälla: Natur och Kultur. (300 p.)

SOS-Rapport. *Att förebygga infektioner i vården*. Stockholm: Socialstyrelsen. E_Book. (50 p).

Socialstyrelsen Riktlinjer_Medicinsk katastrofberedskap. www.sos.se/fulltext/, (latest edition)

Stryhn, H. (Latest edition) *Etik och omvårdnad*. Lund: Studentlitteratur. (100 p.)

Renck, H. (Latest edition). *Svikt i vitala funktioner*. Torekov: ANIVA förlag, (150 p).

Werner, M. & Strang, P. (Latest edition). *Smärta och smärtbehandling*. Falköping: Liber, (100 p).

Current regulations and statutes

Scientific articles