

**SYLLABUS**

# **Anaesthetic care, Practice III 7.5 credits 07077H**

**Anestesisjukvård, Verksamhetsförlagd utbildning III**

**Course syllabus admitted: Autumn 2024 Sp 1 - Autumn 2024 Sp 2**

**DECISION DATE  
2024-02-13**

# Anaesthetic care, Practice III 7.5 credits O7077H

## Anestesisjukvård, Verksamhetsförlagd utbildning III

### Second cycle, O7077H

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G#	Omvårdnad	Nursing Science

## Entry requirements

## Selection

The selection is based on 30-285 credits

## Course Aim

After successfully completing the course, the student is expected to be able to plan and independently carry out general anesthesia for ASA I-II patients during planned procedures. In addition, the student will be able to plan, monitor and independently give sedation during examinations, treatments, regional and local anesthetic procedures. Under supervision, the student will be able to carry out general anesthesia of ASA III-V patients during planned and emergency procedures and be responsible for the anesthesiologic care. The student shall be responsible for the patient's safety and security in connection with anesthesia, identify and prevent risks of complications perioperatively, and perform nursing in the end of life. In addition, the student will be able to lead the nursing work in anaesthetic care and discuss and present reasons for person-centered care and equal care in the provision of medical services. With a focus on gender equality, the student will be able to describe and analyze organization and leadership in emergency care. The student must show self-knowledge and empathic ability, identify the need for additional knowledge to continuously further develop their skills and expertise, as well as work on improving quality in order to be able to provide safe and secure care. In the event of major accidents or natural disasters, the student will be able to apply their specialist knowledge.

### *Knowledge and understanding*

After successfully completing the course, the student is expected to be able to:

- describe the relationship between evidence-based care and proven experience related to the patient's and their immediate family's needs, resources, values and expectations
- explain the relationship between the needs for nursing care, risks and medically indicated measures in connection with anesthetic procedures

### *Skills and abilities*

After successfully completing the course, the student is expected to be able independently:

- be responsible for systematically leading, planning, prioritizing, distributing and coordinating the anesthesiologic nursing work, in collaboration with other professional groups
- show independence in one's professional role in collaboration with other professional groups for the provision of safe care
- based on secure transmission of communications, ensure the transfer of information within the healthcare team and to other professional groups
- be responsible for and manage medical device equipment with a patient-safe approach

- apply their specialist knowledge in the event of major accidents or disasters with a focus on action in the intra-hospital team
- apply applicable relevant statutes and regulations, as well as local guidelines

### *Evaluation capability and approaches*

After successfully completing the course, the student is expected to be able to:

- show accuracy and judgment in the planning and implementation of anesthesiologic care and nursing
- show professional approach and ability to handle complex situations in collaboration with patients, immediate family, and other professional groups
- critically reflect on existing procedures and methods and work for anesthesiologic nursing in accordance with science and proven experience
- critically reflect on various solutions with ethical awareness and a scientific approach
- take responsibility for one's own professional development by identifying and evaluating their own needs for additional knowledge in order to continuously develop their skills and expertise

## Contents

Anesthesiologic nursing and medically indicated measures with a specialization of anaesthetic care based on an evidence-based approach for patients undergoing anesthesia

Ethics

Person-centered care and equal care

Evidence-based nursing care

Organization and leadership in emergency care

The nurse anesthetist's coordinating and supervisory role

Applicable statutes and regulations

Documentation of medical care and nursing

Scientific documentation and critical review

Organization and work in the event of major accidents or natural disasters based on the expertise of the nurse anesthetist

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Teaching and learning takes place by means of self-directed independent studies, lectures, study assignments, seminars and a practicum/internship under supervision. Participation in seminars and the practicum/internship placement is mandatory.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

Take-Home exam and/or seminar

Assessment of professional expertise

The grading criteria for Pass (G) is stated in the Study Guide.

Ordinarily only one reassignment will be allowed for the course with regard to the practicum/internship placement. If there are special reasons, an additional reassignment may be granted. What is meant by "special reasons" are those reasons stated in the Regulations from the Swedish National Agency for Higher Education, HSVFS 1999:1.

When the examiner interrupts the practice-based education period assigned to the activity, it means that the student fails prematurely and an examination opportunity on the practice-based education component is forfeited.

If a student chooses to cancel or not complete the practice-based education period, this means that the student fails prematurely and an examination opportunity on the practice-based education component is forfeited unless special reasons exist and are supported by a medical certificate.

## Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

## Remarks

The course is offered as part of a second-cycle study program within specialist training for nurse anesthetists and is a practicum/internship placement. This course, which contains a curricular segment with a practicum/internship (VFU element), is encompassed within the *Special Rules for practicum/internship placements* according to the decision of the Head of Department at the Department of Health Sciences, Luleå University of Technology.

## Overlap

The course O7077H is equal to O7015H

The study program and syllabus is valid from the autumn term 2020 for the students who are then admitted to the educational program. Faculty program directors and heads of subject decide on individual study plans for students who have been admitted to a previous study program and who are resuming their studies, after a study break, according to the current study program and syllabus. If a course is no longer given or has undergone major changes, the students must be offered two opportunities for examination in the first year after the change has taken place, and then once a year for another 2 years, based on the study plan applicable at registration.

## Course offered by

Department of Health, Education and Technology

## Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0004	Practice	U G#	6	Mandatory	S23	
0005	Take-Home examination and/or seminar	U G#	1	Mandatory	S23	
0007	Clinical examination	U G#	0.5	Mandatory	A24	

## Last revised

by Jenny Jäger, Director of Undergraduate Studies at the Department of Health, Education and Technology 2024-02-13

## Syllabus established

by Dean of Department of Health Sciences 2020-02-21