

**SYLLABUS**

# **Anaesthetic care, Practice I**

## **7.5 credits 07075H**

**Anestesisjukvård, Verksamhetsförlagd utbildning I**

**Course syllabus admitted: Autumn 2023 Sp 1 - Present**

**DECISION DATE**  
**2023-02-14**

# Anaesthetic care, Practice I 7.5 credits O7075H

## Anestesisjukvård, Verksamhetsförlagd utbildning I

### Second cycle, O7075H

**Education level**  
Second cycle

**Grade scale**  
U G#

**Subject**  
Omvårdnad

**Subject group (SCB)**  
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 carry out general anesthesia of ASA I-II patients during planned procedures. The student will be able to show an advanced ability to jointly collaborate with the patient and family to identify needs for care and show the ability to lead and evaluate care measures. The student will additionally be able to describe and implement procedures under supervision to maintain patient safety in connection with anesthesia. The student will be able to apply the procedures, laws and use medical technology in connection with anesthesia. In addition, the student will be able to function as part of a team. The student will also be able to document anesthesiologic care and nursing and be able to formulate research questions scientifically based on qualitative research design. The student will be able to identify his/her need for additional knowledge in order to continuously increase their expertise to be able to provide safe care.

### Knowledge and understanding

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

- Explain the relationship between nursing needs, risks and medically indicated measures in connection with anesthesia for patients risk assessed according to ASA I-II.
- Describe and apply procedures to maintain safe care in connection with anesthesia for patients risk assessed according to ASA I-II
- Describe the function of medical technology in anesthesiology
- Describe and explain various qualitative research methods, and be able to formulate research questions based on qualitative research design

### *Skills and abilities*

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

- Perform, under supervision, anesthesiologic nursing and medically indicated measures for patients risk assessed according to ASA I-II
- Applying procedures to maintain safe and sustainable care in connection with anesthesia for patients at risk according to ASA I-II
- 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 devices with a focus on safe care and sustainability
- 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 for patients risk assessed according to ASA I-II
- Reflect on what a professional approach in collaboration with patients, their immediate family and other professional groups means based on intersectionality
- Take responsibility in their own professional development by identifying and evaluating their own needs for additional knowledge in order to continuously develop their skills

## Contents

Surveillance, nursing interventions and medically indicated measures for persons cared for in anesthesia care risk-assessed ASA I-II.  
Patients 'and immediate family experiences of anesthesia  
Anesthesiologic nursing  
Organization and teamwork  
Ethics  
Medical technology in anesthesiologic nursing  
The nurse's core skills  
Documentation of anesthesiologic care and nursing  
Applicable statutes and regulations  
Research ethics  
Scientific documentation  
Qualitative research methodology  
Practicum/internship training in anaesthetic care.

## 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 examination 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.

## 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.

Having attained an approved standard (passing grade) the VFU curricular segment in this course constitutes a special prerequisite for future VFU courses.

## Overlap

The course O7075H is equal to O7013H

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
0001	Evaluation of professional competence	U G#	6	Mandatory	A20	
0003	Take-Home examination and/or seminar	U G#	1	Mandatory	A23	
0004	Qualitative methodology, take-home examination and/or seminar	U G#	0.5	Mandatory	A23	

## Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2023-02-14

## Syllabus established

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