



Faculty of Medicine

## LÄKM55, Clinical Medicine 5, 7.5 credits

*Klinisk medicin 5, 7,5 högskolepoäng*

Second Cycle / Avancerad nivå

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### Details of approval

The syllabus is an old version, approved by The Medical Degree Programme Board on 2017-03-29 and was last revised on 2017-10-11. . The revised syllabus applied from 2017-10-11. , spring semester 2018.

### General Information

The course is included in semester 11 of the medical degree programme and is compulsory for a degree of Master of Science in Medicine at Lund University. The theoretical and practical teaching takes place in Helsingborg, Lund and Malmö. The clinical duties are mainly located at hospitals and prehospital care in the healthcare region of Southern Sweden.

*Language of instruction:* Swedish

The language of instruction is Swedish or English. Literature in English may be included.

*Main field of studies*

Medicine

*Depth of study relative to the degree requirements*

A1F, Second cycle, has second-cycle course/s as entry requirements

### Learning outcomes

## **Knowledge and understanding**

For a Pass on the course, the students shall be able to

- explain and justify established principles of triage
- explain the established principles of emergency treatment based on the relevant information and medical history, a structured physical examination and basic laboratory and monitoring data
- explain and justify immediate medical interventions for affected or failing vital functions
- interpret investigation results and propose relevant clinical interventions for emergency treatment
- explain and justify continued monitoring, investigation and treatment, and a relevant level of care after the initial management of an emergency
- account for relevant differential diagnoses of common and/or serious emergencies

## **Competence and skills**

For a Pass on the course, the students shall be able to

- perform initial treatment of an unselected acutely ill patient in a structured, standardised and generic way (according to the ABCDE approach)
- discover, assess and immediately initiate medical interventions for acutely ill patients with threatened or failing vital functions
- interact and communicate with healthcare staff and colleagues in the context of emergency treatment
- provide a structured summary of relevant information concerning an acutely ill patient to a colleague.

## **Judgement and approach**

For a Pass on the course, the student shall be able to

- identify situations in emergency care where the available resources are insufficient and request appropriate quantitative and/or qualitative reinforcement
- identify situations in emergency care where reduced care might be an option
- establish trusting relationships with acutely ill patients and their loved ones based on knowledge, honesty and empathy

## **Course content**

The aim of the course is to enable students to attain a specialised and assured ability to quickly identify emergencies and to implement a structured and purposeful management at or outside a healthcare institution, including the early discovery, assessment and appropriate treatment of threatened or failing vital functions. The

teaching is based on relevant circumstances, symptoms and investigation findings with regard to common and/or serious medical emergencies.

## Course design

The course comprises integrated practical and theoretical teaching such as lectures, case-based group seminars, simulator training, independent study and supervised clinical training. The clinical training takes place in prehospital care, emergency departments, and acute care surgery and intensive care. It may include evening and weekend duty.

Simulator exercises, seminars and clinical training are compulsory. New opportunities for clinical training will be available at the latest the next time the course is offered.

## Assessment

The learning outcomes are assessed partly at a simulator-based examination at the end of the course (6 credits) and partly through a course portfolio (1.5 credits) documenting components completed during the course.

The examiner may immediately discontinue the clinical training or equivalent of a student if he or she, due to serious deficiencies in knowledge, skills or approach, jeopardises patient safety or the patients' trust in the healthcare system. Discontinuation of clinical training means that the student fails the component and has used up one opportunity for clinical training.

The examiner, in consultation with the Disability Support Service, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

Re-examination takes place at the next regular examination. When necessary, an additional examination opportunity will also be offered in early summer.

The examiner, in consultation with Disability Support Services, may deviate from the regular form of examination in order to provide a permanently disabled student with a form of examination equivalent to that of a student without a disability.

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

## **Grades**

Marking scale: Fail, Pass.

## **Entry requirements**

To be admitted to the course, students must have passed all assessed components up to and including semester 9.

## Subcourses in LÄKM55, Clinical Medicine 5

Applies from H17

- 1701 Examination, 6,0 hp  
Grading scale: Fail, Pass
- 1702 Portfolio, 1,5 hp  
Grading scale: Fail, Pass