

## **LÄLM91, Clinical Medicine 4, 30 credits**

*Klinisk medicin 4, 30 högskolepoäng*

Second Cycle / Avancerad nivå

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### **Details of approval**

The syllabus was approved by Committee for Biomedical, Medical and Public Health Education on 2014-12-03 to be valid from 2014-12-03, spring semester 2015.

### **General Information**

The course makes up semester 9 of the Master of Science programme in Medicine and is compulsory.

*Language of instruction:* Swedish

The course is taught in Swedish. Literature in Swedish and English is used.

*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**

On completion of the course, the students shall be able to

- account for and explain the methods of investigation, assessment, treatment and follow-up of the obstetric, gynaecological, paediatric, psychiatric, child and adolescent psychiatry, dependence mechanism and common disorders encountered in semesters 6-8

- account for and explain preventive measures for common obstetric, gynaecological, paediatric, psychiatric, child and adolescent psychiatry, and dependence mechanism disorders
- account for and explain the principles of referral to specialist care as regards obstetrics, gynaecology, paediatrics, psychiatry, child and adolescent psychiatry, dependence mechanisms and the common disorders included in the learning outcomes of semesters 6-8.
- account for the pharmacological principles of treatment of common obstetric, gynaecological, paediatric, psychiatric, child and adolescent psychiatry, and dependence mechanism disorders
- account for medico-legal aspects of relevant components of the course
- account for, explain and discuss pre-, peri- and post-operative treatment of patients
- explain their future professional role from interdisciplinary and interprofessional perspectives

### **Competence and skills**

On completion of the course, the students shall be able to

- obtain a structured medical history and use clinical analysis to carry out relevant physical examinations of patients, in particular with regard to the special needs related to the examination of children, gynaecological/obstetric examination of women and examination of people suffering from psychiatric conditions
- analyse examination findings, make a diagnosis and assessment, and propose investigation and treatment of patients
- document patient contacts in accordance with Swedish legislation
- produce appropriate referrals to laboratory, imaging and functional diagnosis as well as to interdisciplinary consultation for patients they meet on the course
- apply current Swedish legislation on confidentiality
- interact and communicate with colleagues, patients and relatives
- summarise and present relevant patient information to colleagues, patients and relatives

### **Judgement and approach**

On completion of the course, the students shall be able to

- approach and interact with colleagues, patients and patients' families in a professional manner
- reflect on their future professional role with regard to ethical issues related to treatment of serious diseases and at the end of life
- independently take responsibility for their learning process

### **Course content**

During the semester the student shall acquire the fundamental knowledge and skills required of a house officer with regard to the diseases covered by the course. A good pathophysiological and pharmacological understanding of the occurrence, diagnosis and treatment of the diseases covered by the course and interdisciplinary and interprofessional interaction are of central importance.

## Course design

The teaching consists of lectures, seminars, case studies, skills training and supervised individual and interprofessional clinical training.

All scheduled tuition, except lectures, is compulsory.

## Assessment

At the end of the course the theoretical knowledge is assessed by means of a written test (14 credits).

Judgement, approach and practical skills are assessed and documented in a course portfolio (14 credits) also including passed ward and consultation practice.

At the end of the course, the approach to and ability to establish contact with patients, and the ability to pursue clinical arguments acquired in the second cycle (including semester 6) are assessed in an oral exam including patients and comprising sit-ins and oral exams with several examiners (2 credits). In order to qualify for this cycle exam, students must have passed all exams up to and including semester 8 and the course components and course portfolio up to and including semester 9.

Students who have failed examinations are entitled to re-take an examination four times. Further opportunities may be granted after a special application.

Assessed components:

### *Written exam*

- Obstetrics & gynaecology (4 credits)
- Paediatrics (4 credits)
- Psychiatry (4 credits)
- Child and adolescent psychiatry (1 credit)
- Dependence mechanisms (1 credit)

### *Course portfolio*

- Obstetrics & gynaecology (4 credits)
- Paediatrics (4 credits)
- Psychiatry (4 credits)
- Child and adolescent psychiatry (1 credit)
- Dependence mechanisms (1 credit)

*Cycle exam* (2 credits)

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

## **Grades**

Marking scale: Fail, Pass.

The grades awarded are Pass or Fail.

## **Entry requirements**

To be admitted to the course, students must have passed exams and course components up to and including semester 7 and completed semester 8.

## **Further information**

Instructions for study and grading criteria are available for the course.

The course has the same content as LÄMM91/LÄHM91 Clinical Medicine 4.

## Subcourses in LÄLM91, Clinical Medicine 4

Applies from H11

- 1101 Written Examination: Obstetrics and Gynaecology, 4,0 hp  
Grading scale: Fail, Pass
- 1102 Written Examination: Paediatrics, 4,0 hp  
Grading scale: Fail, Pass
- 1103 Written Examination: Psychiatry, 4,0 hp  
Grading scale: Fail, Pass
- 1104 Written Examination: Child and Adolescent Psychiatry, 1,0 hp  
Grading scale: Fail, Pass
- 1105 Written Examination: Dependence Mechanisms, 1,0 hp  
Grading scale: Fail, Pass
- 1106 Course Portfolio: Obstetrics and Gynaecology, 4,0 hp  
Grading scale: Fail, Pass
- 1107 Course Portfolio: Paediatrics, 4,0 hp  
Grading scale: Fail, Pass
- 1108 Course Portfolio: Psychiatry, 4,0 hp  
Grading scale: Fail, Pass
- 1109 Course Portfolio: Child and Adolescent Psychiatry, 1,0 hp  
Grading scale: Fail, Pass
- 1110 Course Portfolio: Dependence Mechanisms, 1,0 hp  
Grading scale: Fail, Pass
- 1111 Cycle Examination, 2,0 hp  
Grading scale: Fail, Pass