



**Karolinska  
Institutet**

*Programme syllabus for*

# **Study Programme in Medicine, 330 credits**

*Läkarprogrammet, 330 hp*

## **Basic programme information**

Programme code	2LK13
Name of the programme	Study Programme in Medicine
Number of credits	330.0 credits (330.0 ECTS credits)
Starting date	The syllabus applies to students who commence their studies in or after autumn 2013.
	Approved revisions of the syllabus are described under the heading Transitional Provisions.
Decision date	2012-12-20
Decided by	Board of Higher Education
Last revision	2018-04-18
Revised by	Board of Higher Education
Reference number	3-1067/2018
Specific eligibility requirements	Biology 2, Physics 2, Chemistry 2, Mathematics 4 (field specific entry requirements A13). Or: Biology B, Physics B, Chemistry B, Mathematics D (field specific entry requirements 13).
Main field of study	Medicine

# Outcomes

## Outcomes of first cycle education according to the Higher Education Act

First-cycle courses and study programmes shall be based fundamentally on the knowledge acquired by pupils in national study programmes in the upper-secondary schools or its equivalent. The Government may, however, permit exceptions for courses and study programmes in the fine, applied or performing arts.

First-cycle courses and study programmes shall develop:

- the ability of students to make independent and critical assessments
- the ability of students to identify, formulate and solve problems autonomously, and
- the preparedness of students to deal with changes in working life.

In addition to knowledge and skills in their field of study, students shall develop the ability to:

- gather and interpret information at a scholarly level
- stay abreast of the development of knowledge, and
- communicate their knowledge to others, including those who lack specialist knowledge in the field.

## Outcomes of second cycle education according to the Higher Education Act

Second-cycle courses and study programmes shall be based fundamentally on the knowledge acquired by students during first-cycle courses and study programmes, or its equivalent.

Second-cycle courses and study programmes shall involve the acquisition of specialist knowledge, competence and skills in relation to first-cycle courses and study programmes, and in addition to the requirements for first-cycle courses and study programmes shall:

- further develop the ability of students to integrate and make autonomous use of their knowledge,
- develop the students' ability to deal with complex phenomena, issues and situations, and
- develop the students' potential for professional activities that demand considerable autonomy, or for research and development work.

## Outcomes for the Degree of Master of Science in Medicine according to the Higher Education Ordinance

For a Degree of Master of Science in Medicine the student shall demonstrate the knowledge and skills required for medical practice and to complete the foundation years (AT) required for registration as a physician.

### *Knowledge and understanding*

For a Degree of Master of Science in Medicine the student shall

- demonstrate knowledge of the disciplinary foundation of the field and insight into current research and development work as well as the links between research and proven experience and the significance of these links for professional practice
- demonstrate both broad and specialised knowledge in the field of medicine and knowledge and understanding of the social circumstances that affect the health of individuals and groups, children as well as women and men
- demonstrate economic and organisational knowledge of significance for the health care services, and
- demonstrate knowledge of the relevant statutory provisions.

*Competence and skills*

For a Degree of Master of Science in Medicine the student shall

- demonstrate specialised skills in diagnosing the most frequent illnesses autonomously and in treating them in collaboration with the patients
- demonstrate the ability to initiate and undertake health promotion and preventive measures in the health care services for both individuals and groups of patients
- demonstrate the ability to integrate and apply knowledge critically and systematically and also to analyse and assess complex phenomena, issues and situations
- demonstrate specialised skills in informing and instructing various audiences and also in undertaking supervisory tasks
- demonstrate the capacity for teamwork and cooperation with other professional categories in both the health care services and the health and social services
- demonstrate the ability to account in speech and writing for interventions and treatment outcomes with those concerned and to document them in accordance with the relevant statutory provisions
- demonstrate specialised skills in discussing new data, phenomena and issues in the field of medicine with various audiences on a disciplinary basis and also to review, assess and use relevant information critically, and
- demonstrate specialised skills in initiating, participating in and undertaking improvement measures and also in evaluating medical treatment.

*Judgement and approach*

For a Degree of Master of Science in Medicine the student shall

- demonstrate self-awareness and the capacity for empathy
- demonstrate the ability to adopt a holistic view of patients informed by a disciplinary and humanistic approach with special consideration of human rights
- demonstrate the ability to adopt an ethical and professional approach to patients and those close to them, and
- demonstrate the ability to identify the personal need for further knowledge and undertake ongoing development of his or her skills.

**Outcomes of the study programme at Karolinska Institutet**

**WILL BE SUPPLEMENTED IN ENGLISH**

**Other guidelines****Grading scale**

The grades used are Fail or Pass. Alternative grading scales may apply to elective courses or cross-programme courses. The grading scale is detailed in the course syllabus.

**Language of instruction**

The course language is Swedish but courses may be held in English. English and Swedish literature is used.

**Specific eligibility requirements within the programme**

There are specific eligibility requirements for the courses within the programme. The eligibility requirements can be found in the syllabi. In cases where the requirements are connected to the admission

to a later term, they are described on the programme website. There may also be specific eligibility requirements within a specific term if a course requires certain prior knowledge. Elective courses might also differ from other courses at the same term.

### **Guidelines regarding the suspension of clinical educations whilst the course is in progress**

A student's clinical education (VFU) can be immediately suspended if the student demonstrates such serious shortcomings, in terms of knowledge, skills or approach, as to jeopardise the safety of the patients, or their trust in their medical care. The administration of such matters must be outlined in the course syllabus.

If the education is suspended in this manner, an individual action plan shall be drawn up stating the activities and testing that will be required for a student to be given the opportunity to recommence the education.