



**Karolinska  
Institutet**

Course syllabus for

# **Designing e-Learning Interventions in Healthcare Education, 7.5 credits**

Designa e-Learning interventioner i vårdutbildning, 7.5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Course code	5HI018
Course name	Designing e-Learning Interventions in Healthcare Education
Credits	7.5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Health Informatics
Level	AV - Second cycle
Grading scale	Excellent, Very good, Good, Satisfactory, Sufficient, Fail, Fail
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Programme Committee 5
Decision date	2015-03-20
Course syllabus valid from	Autumn 2015

## **Specific entry requirements**

Passed all courses from semester 1 and at least 10 credits from courses in semester 2 at the Master's programme in health informatics.

## **Objectives**

On completion of the course the student should be able to:

Knowledge and understanding

- define the promotion of learning with technology reinforcement and explain its applicability in e-Learning interventions through the different e-Learning modes
- describe the role of e-Learning in healthcare education and its impact on different target groups (students, professionals and patients)
- account for ethical and pedagogical aspects in e-Learning interventions design in healthcare education
- analyze the strengths and limitations of e-Learning interventions in different contexts and settings (low and middle income countries)

Skills and ability

- compose learning objectives, teaching activities and assessment for e-Learning interventions in healthcare education
- synthesize and construct an e-Learning intervention for different target groups in healthcare education
- develop an evaluation plan for e-Learning interventions according to taught theories used to verify learning (constructive alignment, curriculum mapping) and for different target groups and contexts

Assessment ability and attitudes

- demonstrate both national and international perspective towards e-Learning interventions in healthcare education
- develop a holistic viewpoint towards e-Learning interventions evaluation in healthcare education

## Content

- Overview of learning theories, role of technology in learning, impact of eLearning in education and more specific in medical education, modes of eLearning and consideration of pedagogical aspects.
- Description and demonstration of ways and means of eLearning, examples of best practices on applied and emerging in eLearning, limitations of eLearning in different healthcare contexts and settings and consideration of ethical aspects.
- Considerations on eLearning interventions construction, assessment and evaluation

## Teaching methods

Interactive lectures, seminars, demonstrations and work in small interdisciplinary groups.

## Examination

Oral presentation of group assignment (Pass/Fail)

Individual written assignment (A-F)

The final grade on the course is based on the written assignment.

Compulsory participation:

Participation in course registration, seminars, small group work and group/individual assignments is compulsory. The course director assesses if and, in that case, how absence can be compensated. Before the student has participated in all compulsory parts or compensated absence in accordance with the course director's instructions, the student's results for the course/respective part will not be registered in LADOK.

Limitation of number of occasions to write the exam

The student has the right to write the exam six times. If the student has not passed the exam after four participations he/she is encouraged to visit the study counsellor.

## Transitional provisions

Examination will be provided during a time of two years after a possible cancellation of the course.

Examination can take place according to an earlier literature list during a time of one year after the date when a major renewal of the literature list has been made.

## Other directives

Course evaluation will be carried out in accordance with the guidelines established by the Board of

Higher Education.

The course is given in English.

## **Literature and other teaching aids**

The course provides all teaching materials