



Course syllabus

Faculty Board of Science and Engineering
School of Computer Science, Physics and Mathematics

4IK101 Introduktion till eHälsa, 7,5 högskolepoäng
Introduction to eHealth, 7.5 credits

Main field of study
Information Systems

Subject Group
Informatics/Computer and Systems Sciences

Level of classification
Second Level

Progression
A1N

Date of Ratification
Approved by the Board of the School of Computer Science, Physics and Mathematics
2012-12-10

The course syllabus is valid from autumn semester 2013

Prerequisites
For admission to the course bachelor degree of 180 credits are required.

Objectives

After completing the course the student should be able to describe:

- the organization of healthcare
- different IT-systems for healthcare
- status of implementation of IT in healthcare
- the current research within eHealth

Content

The aim of the course is to give an introduction to the area of eHealth and includes components about:

- the organizing of healthcare nationally and internationally
- healthcare professions and healthcare terminology
- IT-systems in healthcare
- national and international strategy for eHealth
- literature search of scientific articles in the field, eHealth

Type of Instruction

Teaching of the course may be on-line. The teaching includes lectures seminars and

mandatory assignments that should be conducted individually or in groups.

Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

Assessment of the achievements of the students is based on written and/or oral tests and/or presentation of mandatory assignments.

Course Evaluation

At the end of the course a course evaluation according to the guidelines of the university is performed. The results of the course evaluation will be archived at the department.

Required Reading and Additional Study Material

Reference list

Hoyt, R, Sutton, M & Yoshihshi, A (2009) Medical Informatics – Practical Guide for the healthcare professional, 3rd ed.

Reports och articles

Reference literature:

Coiera, E (2003) Guide to Health Informatics, 2nd ed, Arnold, London.

Maheu, M, Whitten, P & Allen, A (2001) E-Health, Telehealth and Telemedicine – A Guide to Start-Up and Success, Jossey-Bass, San Francisco.