



## Course syllabus

Faculty of Technology  
Department of Informatics

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 2012-12-10  
Revised 2015-06-10 by Faculty of Technology.  
The course syllabus is valid from autumn semester 2015

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

### Objectives

After completing the course students will be able to:

- describe the context of use in healthcare and reflect on the problems, needs and opportunities
- give examples of different IT systems for healthcare and relate to use
- critically reflect on the benefits and challenges of IT in healthcare
- identify relevant research in the field of 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, literature and other materials, search for additional literature, mandatory assignments are

carried out individually and opposition on other students assignments.

### **Examination**

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

Assessment of student performance is made through written opposition, oral seminar and written presentation of individual assignment.

### **Course Evaluation**

During the course or in close connection to the course, a course evaluation is to be carried out. The result and analysis of the course evaluation are to be communicated to the students who have taken the course and to the students who are to participate in the course the next time it is offered. The course evaluation is carried out anonymously. The compiled report will be filed at the Faculty.

### **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.