



## Course syllabus

Faculty of Health and Life Sciences  
Department of Medicine and Optometry

1XN500 eHealth in a Global Perspective, 7,5 högskolepoäng  
eHealth in a Global Perspective, 7.5 credits

### **Main field of study**

Health Informatics

### **Subject Group**

Other Subjects within Medicine

### **Level of classification**

First Level

### **Progression**

GIN

### **Date of Ratification**

Approved by Faculty of Health and Life Sciences 2016-11-21  
The course syllabus is valid from spring semester 2017

### **Prerequisites**

General entry requirements.

## Objectives

After completing the course, the student is expected to be able to:

- Define eHealth
- Describe the healthcare system within a country
- Give examples of different kinds of digital information technology used for prevention, diagnosis and treatment in healthcare
- Describe and explain the status of eHealth development in different countries
- Reflect on opportunities and challenges with eHealth in different countries

## Content

The course includes:

- Basic knowledge on the concept of eHealth (digital information technology in healthcare)
- Examples of different healthcare systems in various countries
- Examples of eHealth for prevention, diagnosis and treatment
- Overview of digital information technology for healthcare
- Global eHealth strategy
- Globalization, clinical effects, profitability, patient empowerment, usability, the digital divide, patient safety, ethics, information security, laws and regulation as well as economics
- Literature searching in health informatics

## Type of Instruction

Teaching will be in the form of lectures, assignments and discussion seminars.

## Examination

The course is assessed with the grades A, B, C, D, E, Fx or F.

The course is examined through oral and written assignments.

In order to receive the grade of Pass, the student must achieve the objectives.

The grade A is the highest grade and the grade E is the lowest grade for passing the course. The grade F means that the student's performance is assessed as failed.

For some parts of the course, a retake examination can only be offered in connection to the ongoing course. For other parts, retake examinations are provided in accordance with local regulations at the university.

## Course Evaluation

During the implementation of the course or in close connection to the course a course evaluation is to be carried out. Result and analysis of the course evaluation is to be presented as feedback both to the students who have completed the course and to the students who are to participate on the course the next time it is offered. The course evaluation is to be carried out anonymously.

## Required Reading and Additional Study Material

Digital compendium of scientific papers and cases, 200 p

Searching for own additional literature for assignments