

## **SYLLABUS**

# **E-health advanced level 7.5 credits S7008H**

**E-hälsa avancerad nivå**

**Course syllabus admitted: Autumn 2017 Sp 1 - Autumn 2018 Sp 2**

**DECISION DATE  
2017-06-16**

# E-health advanced level 7.5 credits S7008H

## E-hälsa avancerad nivå

### Second cycle, S7008H

**Education level**  
Second cycle

**Grade scale**  
U G VG

**Subject**  
E-hälsa

**Subject group (SCB)**  
Public Health

## Entry requirements

Bachelor degree in occupational therapy, nursing, physiotherapy, health sciences or equivalent degree.

## Selection

The selection is based on 30-285 credits

## Examiner

Maria Larsson Lund

## Course Aim

After the course the student shall be able to, with a scientific anchoring, from legislations and ordinance and with a researchethical view :

1. Make an inventory of solution needs within medical services, social services and rehabilitation, where Information- and Communication Technology (ICT) is used as a tool,
2. Develop a project idea, where ICT within medical services, social services and rehabilitation will be developed, tested or implemented in a given sphere of activity. The project idea should be expressed in a project plan where ICT within medical services, social services and rehabilitation will be developed, tested or implemented in a given sphere of activity,
3. Analyse and evaluate the benefits and challenges that ICT brings with regard to facilitating and developing prevention, medical services, social services and rehabilitation and demonstrate specialisation in the subject equivalent to a Masters degree,
4. Make an analysis and evaluation based upon the latest research in the area of Information- and Communication Technology (ICT) as a tool from an ethical and empowerment perspective.

## Contents

- Theoretical knowledge within the area of e-health, which means the development and implementation of the Internet and mobile technologies in medical services, healthcare, social services and rehabilitation; regional, national and international R&D projects within e-health; security solutions, ethics and empowerment; and applications and ICT-support in the patient's/care-receiver's home
- Project methodology

## Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

The course is in the form of distance education involving lectures and seminars.

A study guide distributed before the start of the course and available on the web will show the course content, plan and execution. The student creates her/his knowledge through active participation in the course sections, through theoretical and practical work and through discussions and knowledge-sharing with teachers and other students. Access to a computer with a web camera is a requirement.

## Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided.

Presentation of the student's own specialised studies in the form of a written report. Examining another student's report at a seminar. Being present at and actively participant in three of the seminars.

## Literature. Valid from Autumn 2015 Sp 1

Eysenbach, G. (2001). What is e-health? [editorial]. J Med Internet Res,1( 2), e20.

Gard, G. & Melander Wikman, A (eds) E-hälsa – innovationer, metoder, interventioner och perspektiv. Lund: Studentlitteratur. 2012. ISBN 978-91-44-067622-9

Ghaye, T. (2012), Participation, Empowerment & Rights : Healthcare conversations with young people. In: Ghaye, T. & Lillyman, S. Eds., 'Empowerment through reflection: A guide for practitioners and healthcare teams', Mark Allen Publication, London. 2nd Edition.

Kidholm K, Pedersen CD, Jensen LK, Ekeland AG, Bowes A, Flottorp S, Bech M. (2012) A model for assessment of telemedicine applications – MAST. International Journal of Technology Assessment in Health Care, 28:1.

MacFarlane, A. Clerkin, P., Murray, E. Heaney, D.J., Wakeling, M. Pesola, U-M., Lindh Waterworth, E. Larsen, F. Makiniemi, M. & Winblad I. (2011) The e-health implementation toolkit: qualitative evaluation across four European countries. Implementation Science, 6:122 .<http://www.implementationscience.com/content/6/1/122>

More Articles will be presented

## Course offered by

Department of Health Sciences

## Items/credits

Number	Type	Credits	Grade
0002	Report	7.5	U G VG

## Last revised

by 2017-06-16

# Syllabus established

by prefekt vid Institutionen för hälsovetenskap 2008-02-22