Course syllabus for

Health informatics - needs, objectives and limitations, 5 credits

Hälsoinformatik - behov, mål och begränsningar, 5 hp
This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.
Please note that the course syllabus is available in the following versions:
Autumn2010 , Autumn2011

Course code	4HI002
Course name	Health informatics - needs, objectives and limitations
Credits	5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Health Informatics
Level	G2 - First cycle 2
Grading scale	Excellent, Very good, Good, Satisfactory, Sufficient, Fail, Fail
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Programnämnd 5
Decision date	2010-04-20
Revised by	Education committee LIME
Last revision	2019-11-22
Course syllabus valid from	Autumn 2011

Specific entry requirements

Bachelor of science or professional qualification of at least 180 credits within health care, biomedicine, technology, data and software engineering or informatics. Furthermore, knowledge in English equivalent to English B (with at least the Pass grade) is required.

Objectives

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

Knowledge and understanding
* describe the subject of health informatics, both as an academic discipline and its practical application in health care as well as its history and development
* illustrate different health informatics applications within care, nursing and research
* describe the role that health informatics play in today´s health care

Skills and ability

* work in an interdisciplinary collaboration and in international/multi-disciplinary constellations

Assessment ability and attitudes
* analyse and assess the need of information and advanced knowledge within care, nursing and research
* develop and explain international perspective for health informatics as a discipline

Content

The course describes the subject health informatics and its main aims and challenges - present-day and future. The course gives an overview of different professional roles that a health informatician may have partly depending on area in clinical medicine, technical development, or research. In a project work, the students should develop an international perspective on the subject and reflect on their career possibilities.

Teaching methods

Lectures - Demonstrations, Group work - Seminars (international/interdisciplinary work groups indentifies current international/regional/local health informatics projects and professional organisations in the field and the career possibilities)

Examination

Oral presentation (Fail/Pass)
Written assignment (A-F)

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

Compulsory participation
Paritcipation in the course registration and the end-seminar 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 advisor.

The number of times that the student has participated in one and the same examination is regarded as an examination session. Submission of a blank examination is regarded as an examination. An examination for which the student registered but not participated in will not be counted as an examination.

Transitional provisions

The course is closed.

Other directives

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

The course is given in English.

Literature and other teaching aids

Coiera, Enrico

Guide to health informatics

2. ed. : London : Arnold, 2003 - xxvii, 440 s.
ISBN:0-340-76425-2 (hft.) LIBRIS-ID:4853537
Library search