Course syllabus for

Health informatics - needs, objectives and limitations, 5 credits

Hälsoinformatik - behov, mål och begränsningar, 5 hp
This course syllabus is valid from autumn 2024.
Please note that the course syllabus is available in the following versions:
Autumn2017 , Autumn2024

Course code	9HI000
Course name	Health informatics - needs, objectives and limitations
Credits	5 credits
Form of Education	Contract education (credits)
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	Education committee LIME
Decision date	2015-03-20
Revised by	Education committee LIME
Last revision	2024-04-25
Course syllabus valid from	Autumn 2024

Specific entry requirements

A Bachelor's degree or a professional degree equivalent to a Swedish Bachelor's degree of at least 180 credits in health care, biomedicine, medical technology, computer and systems sciences, informatics or the equivalent. Knowledge of the English language equivalent to English B at Swedish upper secondary school.

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 plays 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 management within care, nursing and research,
- develop and explain an international perspective for health informatics as a discipline.

Content

The course describes the subject health informatics and its main aims and challenges - at present and in the future. The course gives an overview of different professional roles that a health informatician may have depending on work tasks at governments, in clinics, industry and/or research. The students work interdisciplinary in groups and develop an international perspective on the subject by analyzing digital health strategies from different countries and reflecting on their future professional role.

Teaching methods

Lectures, group work, workshops and seminares.

Examination

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

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

Compulsory participation

The course includes mandatory sessions marked in the course schedule. The examiner assesses if and, in that case, how absence from compulsory parts can be compensated. Before the student has participated in all compulsory parts or compensated absence in accordance with the examiner's instructions, the student's results for the course/respective part will not be registered. Absence from a compulsory part may result in the student having to wait to compensate until the next time the course is given.

Limitation of number of occasions to write the exam

The number of occasions to write the exam is regulated in the contract for executive education.

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. Delayed submission affects the possibility to receive a higher grade than C.

Transitional provisions

The course is an executive education and transitional provisions are regulated in the contract.

Other directives

Course evaluation will be carried out in accordance with the guidelines established by the Committee for Higher Education .

The course is given in English.

Literature and other teaching aids

Course provides all teaching material