



**Karolinska
Institutet**

Course syllabus for

Project management and IT introduction in healthcare, 5 credits

Projekttledning och IT-införande i vården, 5 hp

This course has been cancelled, for further information see Transitional provisions in the last version of the syllabus.

Course code	4HI011
Course name	Project management and IT introduction in healthcare
Credits	5 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Health Informatics
Level	AV - Second cycle
Grading scale	Excellent, Very good, Good, Satisfactory, Sufficient, Fail, Fail
Department	Department of Learning, Informatics, Management and Ethics
Decided by	Programnämnd 5
Decision date	2010-12-14
Revised by	Education committee LIME
Last revision	2019-11-22
Course syllabus valid from	Spring 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 students should be able to:

Knowledge and understanding

- understand and be able to use the basic methods and the technologies in project work.
- understand important success factors for project work.
- understand the most important parts in a pilot study.
- understand what is required to establish a project.
- understand different demands for leadership which can be set on a project manager.
- understand how the results are delivered over to customer and how it is evaluated.

Skills and ability

- lead a project.
- plan a project and develop a project description.
- create routines for follow up of a project and understand how these are used.
- review different project descriptions and discuss about possible shortages.

Assessment ability and attitudes

- cooperate with different individuals and skills in a project group and take consideration to the different views and values of the participants.
- discuss a project plan with colleagues and employers in an objective way.

Content

The course is divided into two parts.

Project management and IT introduction in healthcare-gene..., 3.0 hp

Grading scale: AF

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Case in Project management and IT introduction in healthcare, 2.0 hp

Grading scale: GU

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Teaching methods

The teaching is given using in class lectures and group work.

Part 1. Projektledning och IT-införande inom hälso- och sjukvård - allmän del
(Project management and IT introduction in healthcare - general part) 3hp
Consists of lectures given at the Department of Computer and Systems Sciences.

Part 2. Case kring Projektledning och IT-införande inom hälso- och sjukvård
(Case in Project management and IT introduction in healthcare) 2hp

The teaching of part 2 is more independent. This part consists of groupwork where the students will together have the choice of working with a development project or a project based on procuring a system for implementation and customization.

The aim is to give students the chance to learn and apply the various theories.

Examination

Part 1. Projektledning och IT-införande inom hälso- och sjukvård - allmän del
(Project management and IT introduction in healthcare - general part) 3hp
The theoretical content is assessed using an in class written examination and is graded A-F.

Part 2. Case kring Projektledning och IT-införande inom hälso- och sjukvård
(Case in Project management and IT introduction in healthcare) 2hp
Is graded on a pass/fail.

The final grade is based on the result of the written examination in part 1. To obtain a final course grade the student must have the grade Pass on part 2 and at least E on the written examination part 1.

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

Mantel, Samuel J.

Core concepts of project management Project management in practice.

2 ed. : Hoboken, NJ : John Wiley & Sons, cop. 2005 - 302 s.

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