

**Implementation - Theory and Application in Health Care, 5.0  
credits**

Implementering - Teori och tillämpning inom hälso- och sjukvård,  
5.0 hp

Third-cycle education course

8FO0070

Department of Health, Medicine and Caring Sciences

Valid from: Second half-year 2023

**Approved by**  
The Research and PhD studies  
Committee

**Approved**  
2013-01-28

**Revised by**  
The Research and PhD studies  
Committee

**Revised**  
2017-08-28

**Registration number**  
LiU-2017-01448

## Entry requirements

Entry requirement for studies on third-cycle education courses

- second-cycle degree,
- 240 credits in required courses, including at least 60 second-cycle credits,  
or
- acquisition of equivalent knowledge in some other manner

## Learning outcomes

By the end of the course the students will be able to:

Knowledge and understanding -

- Describe and account for the history and development of implementation science
- Describe and compare theories, models and frameworks frequently applied in implementation science

Competence and skills

- Apply terms and concepts relevant for implementation research

Judgement and approach

- Analyze and appraise implementation processes in health care, using models and frameworks relevant for implementation research

## Contents

Implementation science is applied on the students' own projects, building on and taking into account professional skills and academic experience. Examples of subjects elaborated on during the course are:

- The history and development of implementation science
- Terms, concepts, theories, models and frameworks relevant for implementation science
- Implementation outcome
- Strategies for implementation
- Innovation research
- Research use
- Guideline development

## Educational methods

The pedagogical approach applied at the Faculty of Medical and Health Sciences is student centered, problem based learning (PBL). The student takes responsibility for his/her own learning, and seeks and evaluates information and knowledge based on own queries and formulated problems. The role of the teacher is to guide and support the students.

Educational methods applied in this course are lectures, group discussions, assignments and seminars.

## **Examination**

The examination consists of a written assignment which is discussed in a final seminar. Each student presents and responds for his/her own work, and leads the discussion of a fellow student's work.

Students who fail are offered one re-examination occasion in close connection to the course. After that participation in a coming course examination is offered. The re-examination should be equally comprehensive as the ordinary examination.

Change of examiner

Students who have failed the course or part of the course twice are entitled to request another examiner for the following examination occasion.

## **Grading**

One-grade scale

## **Course literature**

The course coordinator provides a list of relevant literature before the start of the course.

## **General information**

The course is planned and carried out according to what is stated in this syllabus. Course evaluation, analysis and suggestions for improvement should be fed back to the Research and PhD studies Committee (FUN) by the course coordinator.

If the course is withdrawn or is subject to major changes, examination according to this syllabus is normally offered at three occasions within/in close connection to the two following semesters.