



INSTITUTE OF MEDICINE

SM00140, Implementation Research in Global Public Health, 3 credits

Implementeringsforskning inom global folkhälsa, 3 högskolepoäng

Third-cycle level / Forskarnivå

Confirmation

This syllabus was confirmed by the Council for PhD Education at Sahlgrenska Academy on 2025-03-20, and is valid from Autumn semester 2025.

Responsible Department

Institute of Medicine, Sahlgrenska Academy

Participating Department/s

Department of Social Work

Entry requirements

Registered as a doctoral student.

Learning outcomes

After completion of the course the PhD student is expected to be able to:

Knowledge and understanding

- Explain the public health intervention (medical, education, health technology etc) for implementation research
- Describe different implementation research framework for context assessment and stakeholder analysis
- Understand different evaluation method use in implementation research
- Elaborate the implementation research design to evaluate the input, intermediate outcome and ultimate outcome of the public health intervention

Competence and skills

- Analyse the settings (hospital, community, district, state, country) and actors for the planned PhD project
- Plan and illustrate the stakeholder analysis in the project implementation site
- Organize the PhD project work in implementation research framework (input, intermediate outcome and ultimate outcome)

Judgement and approach

- To critical review and reflect on the public health intervention using the implementation research framework
- Reflect on the required tools for implementation research in complex health system settings

The course is sustainability-related, which means that at least one of the learning outcomes clearly shows that the course content meets at least one of University of Gothenburg's stipulated criteria for sustainability labelling.

Course content

The course of the Implementation research provides the fundamental requirement for implementation research in five different domains. It provides a practical framework to help guide systematic assessment of potential barriers and facilitators during implementation of intervention. Course also provides the helpful guide to tailoring implementation strategies and needed adaptations, and/or to explain outcomes. It provides the guide on how to detailing of the public health intervention in terms of its evidence, relative Advantage of its implementation, adaptability of the intervention, trialability (can be tested/piloted), complexity, design and costing of the intervention. It provides guidance on the how to assess the setting in which public health intervention is planned (e.g., hospital system, school district, state) especially the structure, information system, work infra-structure, communication, governance and culture. Course also provides the guidance on implementation process (activities and strategies to implementation the public health intervention), and the core requirement. Course provides guidance on evaluating the implementation process in terms of intervention dose delivered, intervention dose received, assessing the context, process and outcome.

Types of instruction

Lectures, workshops, and seminars.

Language of instruction

The course is given in English

The course is given in English. If all course participants are Swedish-speaking the lectures and discussions may be held in Swedish. However, the written course material will always be in English.

Grades

The grade Pass (G) or Fail (U) is given in this course.

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Types of assessment

Active participation in mandatory lecture and seminars, including preparation and presentation of adequate answers, 1.5 hp.

Written individual assignments, 1.5 hp.

If a PhD student, who has been failed on the same examining course component twice, requests a change of examiner before the next examination session, a request of this kind should be sent in writing to the department responsible for the course, and granted, unless there are special reasons to the contrary (Chapter 6, Section 22, Higher Education Ordinance).

Course evaluation

The course evaluation will be provided both as a written questionnaire (joint for Sahlgrenska Academy) and orally as a discussion between the students and the course leader(s). The course responsible teacher compiles analysis of the course evaluation and makes suggestions for further development of the course. The result and any changes in the set-up of the course shall be communicated both to the students that carried out the evaluation and to the students who are about to start the course.