

SYLLABUS

Health Promotion: Scientific Theory and Methods 15 credits H0001H

Hälsopromotion: Vetenskaplig teori och metod

Course syllabus admitted: Autumn 2023 Sp 1 - Present

**DECISION DATE
2022-06-16**

Health Promotion: Scientific Theory and Methods 15 credits H0001H

Hälsopromotion: Vetenskaplig teori och metod

First cycle, H0001H

| Education level | Grade scale | Subject | Subject group (SCB) |
|-----------------|-------------|-----------------|---|
| First cycle | U G VG * | Hälsövägledning | Therapy, Rehabilitation and Dietary Treatment |

Main field of study

Health Promotion

Entry requirements

In order to meet the general entry requirements for first cycle studies you must have successfully completed upper secondary education and documented skills in English language and Higher Education Diploma with a specialisation in health guidance

Selection

The selection is based on 1-165 credits.

Course Aim

In the course, students will deepen previous knowledge of scientific theory and scientific methods with a focus on different scientific theoretical traditions as well as different data collection methods of relevance to the subject of health promotion. During the course, the student develops the ability to independently conduct a systematic literature study or empirical study in already existing research project

After completing the course, the student should, based on scientific anchoring, based on applicable laws and regulations and a research ethics perspective, be able to:

1. explain and compare different scientific theoretical perspectives and research approaches
2. explain, discuss and apply different qualitative methods based on the subject of health promotion
3. explain, discuss applying different quantitative methods based on the subject of health promotion
4. compare qualitative and quantitative research approaches and choose the method for a scientific study in the field of health promotion and apply a research ethical reasoning based on the formulation of a research question

Contents

The course includes a deepening of scientific theories in relation to truth and justification as well as the development, use and rationality of theories. The course also includes critical reflection of different qualitative research methods and, based on practical experience, critically evaluating the data collection methods interview, observation and survey or systematic literature search. In addition, statistical processing is included in computer programs, as well as the processing of qualitative data. The course also includes data-based literature search of scientific articles in the subject of health promotion and writing an information letter according to the Ethical Review Authority's instructions.

Theory
of Science Qualitative and Quantitative Research Methods
Methods for The Analysis of Qualitative and Quantitative Data
Research Ethics
Data-Based Literature Search

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

The course is given with distance methodology and is mainly web-based. The studies require computer skills and access to Internet connection equivalent to at least ADSL as well as headset and webcam. Parts of the course are located on campus where mainly seminars and examinations take place. For the implementation of the course, it is assumed that the student actively seeks knowledge and solves problems through an investigative and critically reflective approach. This means that the student takes responsibility by actively contributing to achieving the goals of the course by planning content and time. The content of the course is processed through lectures, method exercises, group work and oral and written presentation. The course also includes a seminar with opponent and respondentship. Course requirements are completed study assignments as well as compulsory attendance and active participation in method exercises and examination seminars.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. For a passing grade in the course, the student must have achieved the objectives of the course through the following examination elements:

- Objective one is examined through an oral presentation and discussion in the form of drama with subsequent seminar as well as written submission where scientific concepts are explained
- Objective two is examined through a written individual assignment on quantitative methods
- Objective three is examined through a written assignment on qualitative methods
- Objective four is examined through a written assignment and an oral presentation of research- and ethics-oriented problems before planning a scientific study or systematic literature study

Grading criteria for G and VG are stated on the learning platform

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Remarks

The course is given at the undergraduate level. Further information about the course is provided on the learning platform.

Course offered by

Department of Health, Education and Technology

Modules

| Code | Description | Grade scale | Cr | Status | From period | Title |
|------|----------------------|-------------|----|-----------|-------------|-------|
| 0007 | Theory of Science | U G# | 2 | Mandatory | S18 | |
| 0008 | Qualitative methods | U G# | 3 | Mandatory | S18 | |
| 0009 | Quantitative methods | U G# | 3 | Mandatory | S18 | |
| 0010 | Research Memo | U G VG * | 7 | Mandatory | S18 | |

Last revised

by Anna Öqvist, Director of Undergraduate Studies at the Department of Health, Education and Technology 2022-06-16

Syllabus established

by Prefekt vid Institutionen för hälsvetenskap 2012-03-15