



**Karolinska
Institutet**

Course syllabus for

Master Thesis, 20 credits

Examensarbete, 20 hp

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

Please note that the course syllabus is available in the following versions:

Spring2014 , Spring2018

Course code	5HK002
Course name	Master Thesis
Credits	20 credits
Form of Education	Higher Education, study regulation 2007
Main field of study	Public Health in Disasters
Level	AV - Second cycle
Grading scale	Excellent, Very good, Good, Satisfactory, Sufficient, Fail, Fail
Department	Department of Global Public Health
Decided by	Programnämnd 5
Decision date	2013-10-23
Revised by	Education Committee GPH
Last revision	2020-05-11
Course syllabus valid from	Spring 2018

Specific entry requirements

A Bachelor's degree or a professional degree of at least 180 credits in Health, Management and Administration or Social Sciences. Applicants must have a good command in English.

Applicants must prove a C1 English level (IELTS (minimum score of 6.0 with at least 5.0 point in each section); TOEFL (paper based) at least 575 points with 4.0 in the writing section; TOEFL (IBT) 79 points with at least 17 points in every section).

Objectives

On completion of the course, the student should be able to:

a) Knowledge and understanding

- Explain how a research project is developed from problem definition to design of study design and implementation of data collection.

b) Skills and abilities

- Identify, formulate and handle complex issues relevant for disasters and health.
- Identify relevant sources of information, carry out literature searches, assess the relevance of the literature and use correct reference management.
- Apply for the master thesis suitable approach, design, choices of appropriate methods for data collection and analysis.
- Apply general ethical principles in the different steps of the master thesis process.

c) Judgement and approach

- Justify and critically discuss approach and method in the master thesis.
- Evaluate and critically discuss results and conclusions.

Content

The course is divided in two elective tracks. Which track the student will take is decided by the course leader in discussion with the student.

Orientation 1. Scientific thesis: 20 hp

or

Orientation 2. Internship and scientific thesis: 20 hp

Both orientations include the planning, implementation and reporting of a study in the form of a scientific thesis. The course includes the formulation of a research question, ethical considerations, literature review, selection of design and research methods, data collection and analysis, critical review and assessment of results, writing, presentation and defense of a thesis. The topic of the thesis should be in line with the program's objectives.

Orientation 1. Scientific Thesis, 20.0 hp

Grading scale: AF

The scientific thesis may be based on primary data or secondary data from registers, for instance demographic surveys. It can also be compiled as a systematic review.

Inriktning 2. Vetenskaplig uppsats, 15.0 hp

Grading scale: AF

The scientific thesis is based on data collected during the internship, orientation 2 field study 5hp. Supervision of the thesis work is carried out by the KI-supervisor in collaboration with the co-supervisor from the associated partner.

Track 2. Field study, 5.0 hp

Grading scale: AF

The field study is an elective part of the course in combination with the scientific thesis 15hp. The field study implies that the student during approximately three - four weeks visits an associate partner of the Erasmus Mundus consortium. The aim is to carry out data collection for the scientific thesis. Other assignments might be included as part of the internship. The internship is prepared in collaboration with a co-supervisor from the associated partner and a main-supervisor from KI.

Teaching methods

Supervision includes: problem formulation, design, implementation, analysis and writing. Supervision can be divided between supervisors within the program at Karolinska Institutet and collaborating institution where collection of data takes place.

Examination

The examination consists of:

- To independently complete a written thesis in English based on a relevant subject for the Master programme
- To present, defend and discuss the work at a seminar with an examiner and two assisting members from the Erasmus Mundus Consortium.
- Orally perform as an opponent/discussant of another thesis at a seminar.

The seminar can be carried out at location or through video conference.

The student receives one final grade for the whole course (A-F). The final grade joins the three components above, where assessment of the quality of the thesis weighs heaviest. In order to pass the course, the student must obtain at least grade E on all parts. To obtain a higher grade, this grade is required on the essay and no more than two grades lower on the other parts.

A student that has failed in a regular examination has the right to participate in additional five examinations.

Transitional provisions

The course has been cancelled

Other directives

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

The course is given in English.

Literature and other teaching aids

Woodward, Mark

Epidemiology - study design and data analysis

2 nd edition : London : Chapman & Hall, 2005

ISBN:1-58488-415-0

[Library search](#)

Armitage, Peter; Berry, Geoffrey; Matthews, J.N.S.

Statistical methods in medical research

4. ed : Oxford : Blacwell Science, 2002 - xi, 817 s.

ISBN:0-632-05257-0 LIBRIS-ID:8293285

[Library search](#)

Qualitative methodology for international public health

Dahlgren, Lars; Emmelin, Maria; Winkvist, Anna; Lindhgren, Maria

2. ed. : Umeå : Epidemiology and Public Health Sciences, Department of Public Health and Clinical Medicine, Umeå University, 2007 - 218 s.

ISBN:978-91-7264-326-0 LIBRIS-ID:10511152

[Library search](#)

Rothman, Kenneth J.

Epidemiology : an introduction

2. ed. : New York, NY : Oxford University Press, cop. 2012 - viii, 268 s.

ISBN:978-0-19-975455-7 (pbk. : alk. paper) LIBRIS-ID:13454717

[Library search](#)