

**SYLLABUS**

# **Master thesis in physiotherapy 15 credits S7038H**

**Examensarbete, master fysioterapi**

**Course syllabus admitted: Spring 2017 Sp 3 - Autumn 2021 Sp 2**

**DECISION DATE  
2016-02-12**

# Master thesis in physiotherapy 15 credits S7038H

## Examensarbete, master fysioterapi

### Second cycle, S7038H

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G VG *	Fysioterapi	Therapy, Rehabilitation and Dietary Treatment

### Main field of study

Physiotherapy

## Entry requirements

Scientific methodology on advanced level, 15 credits, or equivalent study merits, and passed one year master thesis in physiotherapy, 15 credits

## Selection

The selection is based on 30-285 credits

## Examiner

Lars Nyberg

## Course Aim

On completion of the course, students must have produced a degree thesis, independently under supervision, in physiotherapy for 15 credits at the second-cycle level and in this context they must demonstrate:

- The ability to manage specified time limits for the production of the thesis.
- Broad expertise in the subject of physiotherapy and significant in-depth knowledge within the specific sub-area of the thesis, as well as in-depth understanding of the relevant research and development work in the area.
- The ability to integrate knowledge from scientific studies and theory in a critical and systematic way regarding physiotherapy and subject areas related to their own thesis.
- The ability to critically, creatively and independently identify problems and formulate relevant questions in the subject that can lead to the development of knowledge.
- The ability, using appropriate methods, to plan and execute data collection, the analysis and presentation of data and other essential facts related to the questions and issues in the thesis.
- The ability to critically and systematically synthesise and assess the results and their contribution to knowledge with regard to the relevant scientific, social and ethical aspects of the thesis.
- An awareness of the ethical aspects of research and development work.
- The ability to write a scientific thesis and in doing so, clearly report and discuss the conclusions and the knowledge, as well as the arguments behind them, and demonstrate an understanding of the opportunities and limitations of science and its role in society.
- The ability to clearly discuss the conclusions and knowledge, and the arguments that underpin them in connection with the defence of their own work.
- The ability to clearly discuss the conclusions and knowledge, and the arguments that underpin them in connection with opposing another thesis.

## Contents

- The design of the project plan.
- Produce an ethical application for project work.
- The implementation of a project assignment and finding a solution to or processing the problems formulated.
- The design of a scientific report in accordance with a standard international design template in the subject area.
- The defence of their own thesis.
- Critical review and opposition of another thesis on the course.

## Realization

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

The implementation of the course assumes that students actively search for knowledge and can solve problems by means of an exploratory and critically reflective working method. This means that students take full responsibility for their studies by actively contributing to achieving the goals of the course through planning both contents and time. Students work individually. During the course, student follow the research process by studying literature and articles and collecting and analysing data to prepare for writing a scientific paper. The contents of the course are assimilated through supervision, oral and written presentations for the other students and teachers, and oral discussions in seminars. Course requirements include attendance and active participation in examination seminars, where the students have the role of opponent or respondent, as well as further seminars and the preparation of a timetable for the thesis.

## 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.

All the goals are examined through a written thesis, its defence at a seminar and opposition of another student's thesis (Test 0001, 15 credits). Grade criteria for G and VG are specified in the Study Guide. E-publication of the thesis in accordance with LTU's instructions is a requirement for a pass on the course.

## Remarks

Study guidance is available on the learning platform at the start of the course.

## Literature. Valid from Spring 2017 Sp 3

- Carter, R et al (2011) rehabilitation research. Principles and applications, Elsevier Health Sciences, ISBN: 9781437708400
- Lindahl M, Juhl C. Från argumentation till uppsats. Gleerup, Malmö. 2014. ISBN: 9789140681492.

Full text material

- Template for reference management in accordance with the Vancouver system: [http://www.icmje.org/manuscript\\_1prepare.html](http://www.icmje.org/manuscript_1prepare.html)
- Template for reference management: Brief Swedish translation and interpretation of APA (system for the Red Cross College)
- Utvärdering av metoder i hälso- och sjukvården – En handbok (<http://www.sbu.se/sv/Evidensbaserad-vard/Utvardering-av-metoder-i-halso-och-sjukvarden--En-handbok/>).

- Recommended, depending on specialisation of thesis  
Granskär, M. & Höglund-Nielsen, B. (2008) Tillämpad kvalitativ forskning inom Hälso-och sjukvård. Studentlitteratur AB. Lund
- Friberg, F. (2006) Dags för uppsats: vägledning för litteraturbaserade examensarbeten (litteraturuppsatser).
- Trost, J. (2007) Enkätboken, Studentlitteratur.
  
- Own literature from searches, depending on the issue of the thesis

## Course offered by

Department of Health, Education and Technology

## Items/credits

No items/credits available

## Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2016-02-12