



INSTITUTE OF NEUROSCIENCE AND PHYSIOLOGY

FYS037 Master (one year) thesis in Physiotherapy, 15 credits

Självständigt arbete för magisterexamen i fysioterapi, 15 högskolepoäng

Second Cycle

Confirmation

This course syllabus was confirmed by Committee for Study Programmes in Occupational Therapy and Physiotherapy on 2010-10-05 and was last revised on 2022-02-09 by Institute of Neuroscience and Physiology to be valid from 2022-08-29, autumn semester of 2022.

Field of education: Nursing Science 100%

Department: Institute of Neuroscience and Physiology

Position in the educational system

The course Independent project for a Degree of Master (60 credits) in physiotherapy, 15 credits, is independant.

Main field of studies

Physiotherapy

Specialization

A1E, Second cycle, contains degree project for Master of Arts/Master of Science (60 credits)

Entry requirements

Entry to the course requires a degree in Physiotherapy of 180 higher education credits (equivalent Degree of Bachelor, degree project 15 credits at first cycle level should be included), course in in-depth subject study in physiotherapy second cycle, 15 credits and scientific method, second cycle, 15 credits or the equivalent knowledge.

Learning outcomes

On successful completion of the course the student will be able to:

*Knowledge and understanding**sub-course 1, 2 and 3:*

- present an overview of current knowledge field, show advanced knowledge and problematise chosen problem area in relation to the main field of study
- explain research-ethical concepts and theories in relation to chosen problem area
- justify choice of scientific method and its relevance for the research issue

*Competence and skills**sub-course 1:*

- formulate a problem on the basis of current research situation
- formulate a research participant information and carry out a research-ethical risk/benefit analysis

sub-course 2 and 3:

- apply chosen scientific method in data collection and analysis
- plan, carry out, compile and defend an independent degree project
- review and evaluate other degree project and as peer reviewer critically lead a scientific dialogue with the author of the thesis

*Judgement and approach**sub-course 1, 2 and 3:*

- evaluate the importance of the own work for development of the main field of study and the profession
- discuss and evaluate how ethical principles be applied in the own work and justify choice of design and method in relation to ethical principles
- discuss and evaluate the importance of the own work from diversity, equality and sustainability perspective for both the individual and at community level

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 the University of Gothenburg's confirmed sustainability criteria.

Course content

The course consists of three sub-courses

Sub-courses

- 1. Project plan for master (one year) thesis in Physiotherapy, 3 higher education credits**
(1: *Projektplan till självständigt arbete i fysioterapi*), 3 credits

Grading scale: Pass (G) and Fail (U)

Problem prospecting

Information retrieval and reference management

Theory and concept in the main field of study

Research design

Research ethics

Project planning and defence of project plan

Review and critical oral review on other project plan

2. Data generation and analysis, 7 higher education credits (*2: Datagenerering och analys*), 7 credits

Grading scale: Pass (G) and Fail (U)

Data collection

Data processing and analysis

Presentation according to criteria for half-time examination and defence of own work

Review of and critical oral review on other independent project at half-time examination

3. Valuation of project compilation, 5 higher education credits (*3: Värdering och projektsammanställning*), 5 credits

Grading scale: Pass (G) and Fail (U)

Presentation of own independent project and defence at final examination

Review of and critical oral review on other independent project at final examination

Form of teaching

Teaching consists of seminars, lectures and self-study.

The course is given as a distance course which requires access to a computer, webcam and internet connection.

Language of instruction: Swedish

Assessment

The examination formats are individual and both written and oral.

Module 1 (Project plan) is assessed through oral and written presentation of own project plan and review of other project plan.

Module 2 (half-time examination) is assessed through oral and written presentation and defence of own independent project and review of and critical review on other independent project

Module 3 (Final examination) is assessed through oral and written presentation of own independent project, defence and critical review on other independent project.

A student who has failed a test twice has the right to change examiner, unless weighty argument can be adduced. Any request of this kind is made to the Institute and shall be in written form.

Number of examination sessions is limited to five occasions.

If the University of Gothenburg has decided that a student is eligible for special study support, the examiner may, provided it is compatible with the aim of the course and it can be done within the scope of available resources, decide to offer the student an adjusted examination or a different examination format.

In cases where a course has been discontinued or has undergone major changes, the student should normally be guaranteed access to at least three opportunities for examination (including the regular examination session) during a period of at least one year, but at the most two years after the course has been discontinued/changed.

Grades

The grading scale comprises: Pass (G) and Fail (U).

Passed module is required for examination of the following module. Credits for whole course are given, when all modules are passed.

Course evaluation

Course evaluation is made formative in dialogue with the students and summative, written via electronic questionnaire on completion of the course. The teacher is responsible for the analysis of the course evaluations and makes suggestions for the development of the course. Analysis and proposal will be fed back to the students and be published on University of Gothenburg's virtual learning environment.