



INSTITUTE OF NEUROSCIENCE AND PHYSIOLOGY

FYS044 Master (two year) thesis in Physiotherapy, 15 credits

Självständigt arbete för masterexamen i fysioterapi, 15 högskolepoäng

Second Cycle

Confirmation

This course syllabus was confirmed by Institute of Neuroscience and Physiology on 2012-10-05 and was last revised on 2022-02-09 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 (120 credits) in physiotherapy, 15 credits, are independent.

Main field of studies

Physiotherapy

Specialization

A2E, Second cycle, contains degree project for Master of Arts/Master of Science (120 credits)

Entry requirements

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

Learning outcomes

The intended learning outcomes of the course are designed in the form of a number skills. On completion of the course, you are expected to be able to:

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

- show advanced knowledge in current problem area and problematise its importance in relation to the main field of study
- discuss and evaluate research-ethical principles in relation to studies in chosen problem area
- present and evaluate scientific theoretical basis for studies in the chosen problem area critically

*Competence and skills**sub-course 1, 2 and 3:*

- identify, formulate and discuss considerably advanced subject-specific problems on the basis of current research situation critically and independently
- argue for internal and external validity in so well preparation as implementation of a study
- argue for relevant study design, methods for data collection and analysis in relation to aim/issue in an own project
- within given time frames plan, implement, compile and defend an independent degree project

sub-course 1:

- independently write a CV and an application about research fundings
- independently formulate research participant information and application to Swedish Ethical Review Authority

sub-course 3:

- present orally and argue for the set-up and result of the study in English

sub-course 2 and 3:

- review critically, evaluate the degree project of fellow student and as peer reviewer 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 critically ? 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 societal 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 (two year) thesis in Physiotherapy, 3 credits** (*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
CV and application for research fundings
Project planning and defence of project plan
2. **Data generation and analysis, 7 credits** (*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 review on other independent project at half-time examination
3. **Valuation of project compilation, 5 credits** (*Värdering och projektsammanställning*), 5 credits
Grading scale: Pass (G) and Fail (U)
Presentation of own independent project and defence at final examination.
Written submission of a thesis frame extensive specialisation of the relationship of the project to the subject physiotherapy
Review of and critical review on other independent project at final examination

Form of teaching

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

The teaching consists of lectures, seminars and self-study.

Language of instruction: Swedish

Assessment

Three individual written and oral examinations

Module 1 (Project plan) is assessed through oral and written presentation of own 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 (in English) and written presentation of own independent project, defence and review of 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.

If a student has obtained recommendation from University of Gothenburg about special educational support, examiner can, in case it is compatible with the aim of the course and provided that not unreasonable resources are required determine to give the student an adapted examination or alternative 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 takes place in formative dialogue during the course and summative through written evaluation at conclusion of the course via electronic questionnaire. 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.

Additional information

For Degree of Master (120 credits), in all 30 credits independent project at second cycle level are required.