

SYLLABUS

Master thesis in Physiotherapy, orthopedic manual therapy 15 credits S7032H

**Examensarbete Master Fysioterapi inriktning Ortopedisk manuell
terapi**

Course syllabus admitted: Autumn 2015 Sp 1 - Spring 2016 Sp 4

**DECISION DATE
2015-02-12**

Master thesis in Physiotherapy, orthopedic manual therapy 15 credits S7032H

Examensarbete Master Fysioterapi inriktning Ortopedisk manuell terapi

Second cycle, S7032H

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

Entry requirements

Scientific Methodology, advanced level 15 credits (S7022H; mom 5 S7018H; mom 4 S7013H; mom 3, 4 S7023H; mom 5, 6 S7026H; mom 6 S7027H), or equivalent study merits.

Master (one year) thesis in Physiotherapy, 15 credits, specialization orthopaedic manual therapy

Selection

The selection is based on 30-285 credits

Examiner

Lars Nyberg

Course Aim

On completion of the course, the student will have independently completed a degree project in Physiotherapy with specialisation in orthopaedic manual treatment encompassing 15 credits for second-cycle studies and with this shown:

- The ability to manage the time provided for carrying out the degree project.
- An extensive knowledge of physiotherapy and advanced knowledge within the field of the degree project as well as an advanced understanding of relevant research and development.
- The ability to critically and systematically integrate knowledge from scientific studies and theory concerning physiotherapy and relevant subject areas into the degree project.
- The ability to critically, independently and creatively identify problems and formulate research questions of relevance that can lead to the development of knowledge within physiotherapy.
- The ability to plan, and with appropriate methods carry out data collection, analysis and presentation of the data and other essential facts related to the research question of the degree project.
- The ability to critically and systematically synthesise and evaluate results and their contributions to knowledge creation, with consideration of relevant scientific, social and ethical aspects of the degree project.
- An awareness of ethical aspects of research and development.
- The ability to prepare a scientific degree project in writing and thereby clearly account for and discuss conclusions and the underlying knowledge and arguments on which they are based as well as demonstrate an understanding of the possibilities and limitations of science and its role in society.
- The ability to orally discuss the conclusions, knowledge and arguments on which the degree project is based during the defence session.
- The ability to orally discuss the conclusions, as well as the knowledge and arguments, of another degree project during opposition sessions.

Contents

- Designing the project plan.
- Carrying out an ethical application for the project.
- Carrying out the project.
- Designing a scientific report according to prevalent international standards in physiotherapy.
- Defending the final project.
- Conduct a critical examination and opposition for another final project in 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.

In order to complete the course, the student should actively seek knowledge and solve problems using an inquiring and critically reflective approach. This means that the student should take responsibility by actively contributing to the achievement of course objectives through the planning of content and time. The student works individually. During the course, the student follows the research process by treating literature and articles, collecting and analysing data to write up in an academic paper. The contents of the course are processed through supervision, oral and written presentations for students and teachers and oral discussions in seminars. The course also includes two examinations with opposition and defence. Course requirement is attendance and an active participation in examination seminars where the student functions as opponent or respondent, but also at additional seminars, and preparation of a time plan for the degree project.

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 objectives are examined through written essay, its defence at a seminar and review of another essay (Test 0001, 15 credits). Grading criteria for pass and pass with distinction are stated in the study guide. A pass grade also requires e-publication of the essay according to LTU's instructions

Remarks

Study supervision can be found in the learning management system at the beginning of the course.

Literature. Valid from Autumn 2015 Sp 1

* 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.

Supplied complete material

Template for reference management according to the Vancouver-system:

http://www.icmje.org/manuscript_1prepare.html

Model for reference management. Abbreviated Swedish translation and interpretation of APA - the system of the Red Cross Higher Education Institution

Utvärdering av metoder i hälso- och sjukvården - En handbok

(<http://www.sbu.se/sv/Evidensbaserad-varld/Utvardering-av-metoder-i-halso-och-sjukvarden--En-handbok/>).

Recommended depending on specialisation of degree project

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 searched literature depending on the problem area of the degree project

Course offered by

Department of Health, Education and Technology

Items/credits

No items/credits available

Syllabus established

by Prefekt vid Institutionen för hälsovetenskap 2015-02-12