

SYLLABUS

Physiotherapy Orthopaedic Manual Therapy Columna I 15 credits S7040H

Fysioterapi ortopedisk manuell terapi columna I

Course syllabus admitted: Spring 2025 Sp 3 - Present

**DECISION DATE
2024-02-13**

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Fysioterapi ortopedisk manuell terapi columna I

Second cycle, S7040H

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

S7030H Physiotherapy, Orthopaedic Manual Therapy, The Extremities part I

Selection

The selection is based on 30-285 credits

Course Aim

The student should, on completion of the course, for individuals with disorders in the sacroiliac joint, lumbar and thoracic spine
within physiotherapy orthopedic manual therapy, be able to:

1. With clinical reasoning perform an appropriate physiotherapy examination, based on functional anatomy, pain physiology and with a biopsychosocial perspective.
2. Based on medical scholarship and best practice, be able to analyse and evaluate clinical findings and thereby plan, carry out and evaluate adequate treatment.
3. Based on evidence based practice, describe appropriate physiotherapy examination and treatment approaches.
4. Explain the theoretical content of the course

The student should after completion of the course have knowledge of and be able to explain:

5. Reflect on one's own knowledge and demonstrate the ability to identify one's need for additional knowledge and to continuously develop one's skills.
6. Apply clinical reasoning in clinical work
7. Complete a small systematic review.
8. Explain the learning objectives for the Higher Education ordinance, specialist regulation within Physical Therapy association and the IFOMPT standard documents.

Contents

- Methods for an adequate physiotherapeutic examination for disorders in the sacroiliac joint, lumbar and thoracic spine.
- Diagnosing disorders from the sacroiliac joint, lumbar and thoracic spine.
- Anatomy and functional anatomy
- Pain physiology
- Clinical reasoning
- Evidence and systematic reviews
- Learning objectives within Higher Education ordinance, specialist regulation within Physical therapy association and IFOMPT standard documents.

Realization

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

Learning in the course takes place through lessons at scheduled course meetings in Luleå where theory and clinical word are incorporated. Individual assignment, either alone or in group is mandatory, covering literature studies, study assignments and in patient physiotherapy intervention. In all tuition forms, the student is stimulated and encouraged to carry out problemsolving and to have a critical reflective attitude.

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.

Objectives 1, 2 and 3 are examined through practical examination (test 0008, 4,5 credits. Fail, Pass).

Objectives 4 are examined through a digital examination (test 0006, 4,5 credits. Fail, Pass, Pass with distinction).

Objective 5 and 6 are examined through supervised Clinical work with patient and written report (test 0007, 2,5 credits. Fail, Pass).

Objective 7 are examined through seminarie and report evidence (test 0009, 2,5 credits. Fail, Pass, Pass with distinction).

Objective 8 are examined through report education goals (test 0010, 1,0 credits. Fail, Pass).

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Remarks

This course is given for secondcycle studies. Study supervision is provided in the course room in Canvas.

Overlap

The course S7040H is equal to S7029H

S7029H

Course offered by

Department of Health, Education and Technology

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0006	Written examination	U G VG *	4.5	Mandatory	S25	
0007	Report	U G#	2.5	Mandatory	S25	
0008	Practical examination	U G#	4.5	Mandatory	S25	
0009	Report and seminar	U G VG *	2.5	Mandatory	S25	
0010	Report	U G#	1	Mandatory	S25	

Last revised

by Jenny Jäger, Director of Undergraduate Studies at the Department of Health, Education and Technology 2024-02-13

Syllabus established

by Prefekt vid Institutionen för hälsvetenskap 2017-02-10